SECTION I

PUBLISHED INTERNATIONAL APPLICATIONS

DEMANDES INTERNATIONALES PUBLIÉES

(51) **Not classified / non classée**

(11) **WO 01/70002** (13) A2

(21) PCT/EP01/03209

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/532,871 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SIGNAL RECORDING OF A RECEPTOR-EFFECTOR-SYSTEM BY AN EXTRACELLULAR PLANAR POTENTIAL-SENSITIVE ELECTRODE
• ENREGISTREMENT DU SIGNAL D'UN SYSTEME RECEPTEUR-EFFECTEUR PAR UNE ELECTRODE EXTRACELLULAIRE PLANE SENSIBLE AU POTENTIEL

(71) **MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V.** [DE/DE]; Hofgartenstrasse 8, 80539 München (DE).

(72) **FROMHERZ, Peter**; Berchemstrasse 97, 80686 München (DE). **MEYER, Elisabeth**; Gollenbergstrasse 29, 82299 Türkenfeld (DE). **STRAUB, Bernhard**; Maierhofstrasse 23, 81241 München (DE).

(74) **WEICKMANN Heinrich** et al. / etc.; Weickmann & Weickmann, Postfach 860 820, 81635 München (DE).

(81) JP.

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

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(51) **Not classified / non classée**

(11) **WO 01/70003** (13) A2

(21) PCT/GB01/00951

(22) **6 Mar/mar 2001 (06.03.2001)**

(25) en (26) en

(30) 0005946.9 **14 Mar/mar 2000** GB **(14.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • IMPROVEMENTS IN AND RELATING TO INVESTIGATING CORROSION
• AMELIORATIONS CONCERNANT LA RECHERCHE DE LA CORROSION

(71) **BRITISH NUCLEAR FUELS PLC** [GB/GB]; Risley, Warrington, Cheshire WA3 6AS (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HANDS, Brian** [GB/GB]; British Nuclear Fuels PLC, Sellafield, Seascale, Cumbria CA20 1PG (GB).

(74) **PAWLYN, Anthony, Neil**; Urquhart-Dykes & Lord, Tower House, Merion Way, Leeds LS2 8PA (GB).

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

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

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(51) **Not classified / non classée**

(11) **WO 01/70004** (13) A2

(21) PCT/US01/05547

(22) **21 Feb/fév 2001 (21.02.2001)**

(25) en (26) en

(30) 60/191,130 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 09/783,223 **14 Feb/fév 2001** US **(14.02.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SOLUTION MINING PROCESS FOR REMOVING METALS FROM AQUEOUS SOLUTION
• PROCESSUS MINIER D'EXTRACTION DE METAUX DE SOLUTIONS AQUEUSES

(71, 72) **KEITH, Barrett** [US/US]; 1102 Goldenrod Circle, Broomfield, CO 80020 (US).

(74) **GAMSON, Edward, P.** et al. / etc.; Welsh & Katz, Ltd., 120 South Riverside Plaza, 22nd floor, Chicago, IL 60606 (US).

(81) AE AL AU BA BB BG BR CA CN CR CU CZ DM EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX NO NZ PL RO SG SI SK TR TT UA UZ VN YU ZA.

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

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(51) **Not classified / non classée**

(11) **WO 01/70005** (13) A2

(21) PCT/US01/09268

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/535,658 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF FORMING A LOW TEMPERATURE METAL BOND FOR USE IN THE TRANSFER OF BULK AND THIN FILM MATERIALS
• PROCEDE DE FORMATION DE LIAISON METALLIQUE A BASSE TEMPERATURE DESTINEE AU TRANSFERT DE MATERIAUX EN VRAC OU EN COUCHES MINCES

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, 5th floor, Oakland, CA 94607-5200 (US).

(72) **CHEUNG, Nathan, W.**; 1145 Stannage Avenue, Albany, CA 94706 (US). **SANDS, Timothy, David**; 1712 Del Monte Way, Moraga, CA 94556 (US). **WONG, William, S.**; 1700 Spruce Street, #9, Berkeley, CA 94709 (US).

(74) **WILLIAMS, Gary, S.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

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

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

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(51)[7] **A01C 1/04**

(11) **WO 01/70006** (13) A1

(21) PCT/AU01/00305

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) PQ 6293 **20 Mar/mar 2000** AU **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PLANT SEED PACKAGING AND SOWING
• CONDITIONNEMENT ET ENSEMENCEMENT DE GRAINES DE PLANTES

(71, 72) **TAYLOR, Walter, Raymond** [AU/AU]; 'Whistlewood' RSD 1440, Goshen, Tasmania 7216 (AU).

(74) **TATLOCK, Alfred**; A Tatlock & Associates, 208 Elgin Street, Carlton, Victoria 3053 (AU).

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

MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

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(51)[7] **A01C 5/06**

(11) **WO 01/70007** (13) A1

(21) PCT/AU01/00129

(22) **13 Feb/fév 2001 (13.02.2001)**

(25) en (26) en

(30) PQ 6368 **21 Mar/mar 2000** AU **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AGRICULTURAL APPARATUS
• APPAREIL AGRICOLE

(71, 72) **JONES, Christopher, Anthony** [AU/AU]; Brotherony, Condobolin, NSW 2877 (AU).

(74) **SPRUSON & FERGUSON**; GPO Box 3898, Sydney, NSW 2001 (AU).

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

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

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(51)[7] **A01C 23/04, A01M 7/00, B05B 7/32**

(11) **WO 01/70008** (13) A1

(21) PCT/NO01/00109

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) no (26) en

(30) 20001396 **17 Mar/mar 2000** NO **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A DOSING-DEVICE IN AN IMPLEMENT FOR LIQUID FERTILIZERS
• DISPOSITIF DE DOSAGE DANS UN OUTIL POUR ENGRAIS LIQUIDES

(71, 72) **HOGNESTAD, Reidar** [NO/NO]; Skifervegen 2 Lye, N-4340 Bryne (NO).

(74) **HÅMSØ, Gunnar**; c/o Håmsø Patentbyrå Ans, Vågsgaten 43, N-4306 Sandnes (NO).

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

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

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(51)[7] **A01D 101/00**

(11) **WO 01/70009** (13) A2

(21) PCT/IL01/00253

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/531,735 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LAWNMOWER CUTTING DECK AND IMPROVED BLADE ASSEMBLY
• PLATEAU DE COUPE DE TONDEUSE A GAZON ET ENSEMBLE A LAME AMELIORE

(71) **FRIENDLY ROBOTICS LTD.** [IL/IL]; P.O. Box 3777, 60920 Kadima (IL).

(72) **LEVIN, Shalom**; Mishol Hagfanim 16, 30300 Atlit (IL). **ABRAMSON, Shai**; Haerez Street 4, 42815 Pardessia (IL).

(74) **LANGER, Edward**; POB 410, 43103 Ra'anana (IL).

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

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

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(51)[7] **A01G 7/02**

(11) **WO 01/70010** (13) A1

(21) PCT/JP01/01962

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) ja (26) ja

(30) 2000-84123 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF PRODUCING PLANT SEEDS
• PROCEDE DE FABRICATION DE GRAINES DE PLANTES

(71) **JAPAN SCIENCE AND TECHNOLOGY CORPORATION** [JP/JP]; 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP). **JAPAN as represented by DIRECTOR GENERAL OF THE TOHOKU NATIONAL AGRICULTURAL EXPERIMENT STATION MINISTRY AGRICULTURE, FORESTRY AND FISHERIES** [JP/JP]; 4, Aza-Akadaira, Shimokuriyagawa, Morioka-shi, Iwate 020-0123 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OKADA, Masumi** [JP/JP]; 10-34, Kuriyagawa 5-chome, Morioka-shi, Iwate 020-0124 (JP). **KOBAYASHI, Kazuhiko** [JP/JP]; 490-8, Arakawaoki, Tsuchiura-shi, Ibaraki 300-1173 (JP). **KIM, Hang-Yong** [KR/JP]; Room B105, Meson Belt, 12-55, Mitake 2-chome, Morioka-shi, Iwate 020-0122 (JP). **LIEFFERING, Mark** [NL/JP]; 62-404, Aza-Nozawa, Takizawa, Takizawa-mura, Iwate-gun, Iwate 020-0173 (JP). **NAKAMURA, Hirofumi** [JP/JP]; Room 5, Sakura-so, 14-26, Nishishitadai-cho, Morioka-shi, Iwate 020-0065 (JP).

(74) **HIROTA, Masanori**; Room 502, Akasakaaoi Bldg. No.11, 8-11, Akasaka 2-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) AU CA CN KR RU US.

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

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(51)[7] **A01G 9/12, 17/04, 17/14**

(11) **WO 01/70011** (13) A1

(21) PCT/AU01/00334

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) PQ 6569 **24 Mar/mar 2000** AU **(24.03.2000)**

(30) 24880/01 **2 Mar/mar 2001** AU **(02.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PLANT SUPPORT SYSTEM
• SYSTEME SUPPORT POUR PLANTES

(71) **PACKTRON PTY LIMITED** [AU/AU]; 211 Howick Street, Bathurst, NSW 2795 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MCDOWELL, Dougal, Bernard** [AU/AU]; "Crestleigh", Newbridge Road, Wimbledon, NSW 2795 (AU). **MCLACHLAN, Jason** [AU/AU]; 24 Cherrywood Crescent, Bathurst, NSW 2795 (AU). **LEAHEY, James** [AU/AU]; 7 Lorimer Street, Bathurst, NSW 2795 (AU).

(74) **MAXWELL, Peter, Francis**; Level 6, 60 Pitt Street, Sydney, NSW 2000 (AU).

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

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

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(51)[7] **A01G 13/02, 1/00, 13/06**

(11) **WO 01/70012** (13) A1

(21) PCT/NO01/00127

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) no (26) en

(30) 20001533 **24 Mar/mar 2000** NO **(24.03.2000)**

(30) 20003587 **12 Jul/juil 2000** NO **(12.07.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND MEANS FOR CONTROL OF RADIATED ENERGY

- PROCEDE ET DISPOSITIF DE REGULATION D'ENERGIE RAYONNEE

(71, 72) **JOHNSEN, Lise** [NO/NO]; Luragaten 25, N-4307 Sandnes (NO).

(72, 75) **JOHNSEN, Torfinn** [NO/NO]; Luragaten 25, N-4307 Sandnes (NO).

(74) **ONSAGERS AS**; P.O. Box 265 Sentrum, N-0103 Oslo (NO).

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

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

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(51)[7] **A01G 31/02**

(11) **WO 01/70013** (13) A1

(21) PCT/EP01/03137

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) MI2000A000582 **20 Mar/mar 2000** IT **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- A TRAY FOR HYDROPONIC AND AEROPONIC CULTIVATION
- PLATEAU DE CULTURE HYDROPONIQUE ET AEROPONIQUE

(71) **SAID S.P.A.** [IT/IT]; Strada Statale 46 del Pasubio, I-36033 Isola Vicentina (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COSTA, Giancarlo** [IT/IT]; Via Padova, 43, I-30027 San Donà di Piave (IT).

(74) **GERVASI, Gemma**; Notarbartolo & Gervasi S.p.A., Corso di Porta Vittoria, 9, I-20122 Milan (IT).

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

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

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(51)[7] **A01J 5/017, 7/00**

(11) **WO 01/70014** (13) A1

(21) PCT/SE01/00602

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0000965-4 **21 Mar/mar 2000** SE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- A DEVICE FOR SUPPORTING A MILKING MEMBER
- DISPOSITIF POUR SOUTENIR UN ELEMENT DE TRAITE

(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) **HAYNE, John** [US/US]; 3601 Prescott #14, Modesto, CA 95356 (US).

(74) **BERGLUND, Stefan** et al. / etc.; Bjerkéns Patentbyrå KB, Östermalmsgatan 58, S-114 50 Stockholm (SE).

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

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

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(51)[7] **A01K 45/00**

(11) **WO 01/70015** (13) A1

(21) PCT/US01/09250

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/533,141 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- METHODS FOR GAMETE PRODUCTION IN BIRDS
- METHODES DE PRODUCTION DE GAMETES CHEZ DES OISEAUX

(71) **NORTH CAROLINA STATE UNIVERSITY** [US/US]; Campus Box 7003, 1 Holladay Hall, Raleigh, NC 27695-7003 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PARDUE, Samuel, L.** [US/US]; 6020 Fordland Drive, Raleigh, NC 27606 (US). **PETITTE, James, N.** [US/US]; 620 Shadywood Lane, Raleigh, NC 27603 (US). **D'COSTA, Susan** [IN/US]; 4214 Boxwood Road, Raleigh, NC 27612 (US).

(74) **MYERS BIGEL SIBLEY & SAJOVEC, P.A.**; P.O. Box 37428, Raleigh, NC 27627 (US).

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

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

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(51)[7] **A01K 67/027, C12N 15/52**

(11) **WO 01/70016** (13) A1

(21) PCT/JP01/02363

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-82953 **23 Mar/mar 2000** JP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- ANIMALS WITH HIGH HISTAMINE PRODUCTIVITY
- ANIMAUX A FORTE PRODUCTION D'HISTAMINE

(71) **JAPAN SCIENCE AND TECHNOLOGY CORPORATION** [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) **OHTSU, Hiroshi** [JP/JP]; 22-11, Kunimigaoka 3-chome, Aoba-ku, Sendai-shi, Miyagi 989-3201 (JP).

(74) **NISHIZAWA, Toshio**; 6F, Mani-Building, 37-10, Udagawa-cho, Shibuya-ku, Tokyo 150-0042 (JP).

(81) US.

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

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(51)[7] **A01K 97/12**

(11) **WO 01/70017** (13) A1

(21) PCT/CZ01/00018

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) PV 2000-1002 **20 Mar/mar 2000** CZ **(20.03.2000)**

(30) PV 2000-1508 **21 Apr/avr 2000** CZ **(21.04.2000)**

(30) PV 2000-1509 **25 Apr/avr 2000** CZ **(25.04.2000)**

(30) PUV 2000-10689 **25 Apr/avr 2000** CZ **(25.04.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- A FISH STRIKE SIGNALING DEVICE SUSPENDED FROM A FISHING LINE
- DISPOSITIF DE SIGNALISATION DE PRISE DE POISSON SUSPENDU A UNE LIGNE DE PECHE

(71, 72) **NEMEC, Marek** [CZ/CZ]; Box 54, Veletrzní 45, 170 06 Praha 7 (CZ).

(81) AT AU CA DE GB HU JP NO PL RO RU SI SK US.

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

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(51)[7] **A01N**

(11) **WO 01/70018** (13) A2

(21) PCT/DE01/01103

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) de (26) de

(30) 100 14 176.5 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND DEVICE FOR COMBATING FUNGI IN PLANTS THAT ARE KEPT IN A CLOSED NUTRITION SYSTEM, ESPECIALLY IN GREENHOUSE CULTIVATION
• PROCEDE ET DISPOSITIF POUR LUTTER CONTRE DES CHAMPIGNONS AFFECTANT DES PLANTES MAINTENUES DANS UN SYSTEME NUTRITIF FERME, EN PARTICULIER DANS DES CULTURES EN SERRE

(71, 72) **BÜHRE, Werner** [DE/DE]; Hauptstrasse 15, 37133 Friedland (DE).

(72, 75) **DE LASSON, Aksel** [DK/DK]; Engdalsvej 26, DK-8220 Braband (DK). **JENSEN, Orla, Lund** [DK/DK]; Faarupveij 71, DK-8281 Mundelstrup (DK).

(74) **BRAUN, Dieter**; Hagemann, Braun & Held, Hildesheimer Strasse 133, 30173 Hannover (DE) et al. / etc.

(81) JP US.

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

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(51)[7] **A01N**

(11) **WO 01/70019** (13) A2

(21) PCT/US01/40290

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 09/528,770 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF PROTECTING PLANTS FROM COLD INJURY
• PROCEDE DE PROTECTION DES PLANTES CONTRE LES LESIONS DUES AU FROID

(71) **NORTH CAROLINA STATE UNIVERSITY** [US/US]; Campus Box 7003, 1 Holladay Hall, Raleigh, NC 27695-7003 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CURTIS, Virginia, Lee** [US/US]; 4425 NC42 Hwy E., Clayton, NC 27520-8865 (US). **BAILEY, Jack, E.** [US/US]; 266 Wythe Lane, Wendell, NC 27591 (US).

(74) **MYERS BIGEL SIBLEY & SAJOVEC, P.A.**; P. O. Box 37428, Raleigh, NC 27627 (US).

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

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

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(51)[7] **A01N 1/02**

(11) **WO 01/70020** (13) A2

(21) PCT/IT01/00139

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) it (26) en

(30) PI2000A000020 **20 Mar/mar 2000** IT **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND SOLUTIONS FOR CRYOPRESERVING OOCYTES, ESPECIALLY FRESH HUMAN OOCYTES
• PROCEDE ET SOLUTIONS DE CRYOPRESERVATION D'OOCYTES, NOTAMMENT D'OOCYTES HUMAINS FRAIS

(71, 72) **FABBRI, Raffaella** [IT/IT]; Via Borgonuovo, 8, I-40124 Bologna (IT).

(74) **MARTINI, Riccardo**; Viale Montegrappa, 278/E, I-59100 Prato (IT).

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

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

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(51)[7] **A01N 1/02, A61F 2/06, 2/10, 2/14, A61L 27/38, 27/60**

(11) **WO 01/70021** (13) A1

(21) PCT/JP01/01619

(22) **2 Mar/mar 2001 (02.03.2001)**

(25) ja (26) ja

(30) 2000/85235 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF PRESERVING TISSUE EQUIVALENT AND TISSUE EQUIVALENT PRESERVED IN FROZEN STATE
• PROCEDE DE CONSERVATION D'EQUIVALENT AU TISSU ET EQUIVALENT AU TISSU CONSERVER A L'ETAT CONGELE

(71) **MENICON CO., LTD.** [JP/JP]; 21-19, Aoi 3-chome, Naka-ku, Nagoya-shi, Aichi 460-0006 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMAMOTO, Naoka** [JP/JP]; c/o MENICON CO., LTD., Central research laboratories, 1-10, Takamoridai 5-chome, Kasugai-shi, Aichi 487-0032 (JP). **NOMURA, Masayo** [JP/JP]; c/o MENICON CO., LTD., Central research laboratories, 1-10, Takamoridai 5-chome, Kasugai-shi, Aichi 487-0032 (JP). **MORIYAMA, Takeshi** [JP/JP]; c/o MENICON CO., LTD., Central research laboratories, 1-10, Takamoridai 5-chome, Kasugai-shi, Aichi 487-0032 (JP).

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

(81) AU CA CN JP KR SG US.

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

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(51)[7] **A01N 1/02, C12N 5/00, G01N 33/48, 1/28**

(11) **WO 01/70022** (13) A1

(21) PCT/JP01/02241

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-83277 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COATING MATERIALS FOR BIOLOGICAL TISSUES, COATED BIOLOGICAL TISSUES AND METHOD OF COATING BIOLOGICAL TISSUES
• MATERIAUX DE REVETEMENT POUR TISSUS BIOLOGIQUES, TISSUS BIOLOGIQUES REVETUS ET PROCEDE D'ENDUCTION DE TISSUS BIOLOGIQUES

(71, 72) **MORI, Yuichi** [JP/JP]; 3-21-2-4, Kamariyaminami, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0045 (JP). **KUBOTA, Sunao** [JP/JP]; 21-24, Higashi 3-chome, Kunitachi-shi, Tokyo 186-0002 (JP).

(72, 75) **YOSHIOKA, Hiroshi** [JP/JP]; 11-1, Shimo-ochiai, Hadano-shi, Kanagawa 257-0026 (JP).

(74) **ISHIDA, Takashi** et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).

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

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

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(51)[7] **A01N 1/02, A61B 5/117**

(11) **WO 01/70023** (13) A1

(21) PCT/NL01/00160

(22) **26 Feb/fév 2001 (26.02.2001)**

(25) nl (26) en

(30) 1014491 **25 Feb/fév 2000** NL **(25.02.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR ANONYMOUSLY REGISTERING, STORING AND USING BODY MATERIAL AND/OR INFORMATION DERIVED THEREFROM
• PROCEDE D'ENREGISTREMENT, DE MEMORISATION ET D'UTILISATION ANONYME DE MATERIAU ANATOMIQUE ET/OU D'INFORMATION DERIVEE DE CE MATERIAU

(71, 72) **NIETFELD, Jan, Jaap** [NL/NL]; Spechtenkamp 99, NL-3607 KE Maarssen (NL).

(74) **'T JONG, Bastiaan, Jacobus**; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).

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

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

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(51)[7] **A01N 25/04, 25/30, 53/08, 53/06, 43/80, 43/653 // (A01N 43/653, 57:20)**

(11) **WO 01/70024** (13) A2

(21) PCT/US01/09140

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/191,280 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NOVEL PROCESS TO PREPARE AQUEOUS FORMULATIONS
• NOUVEAU PROCEDE SERVANT A PREPARER DES FORMULATIONS AQUEUSES

(71) **FMC CORPORATION** [US/US]; 1735 Market Street, Philadelphia, PA 19103 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MARTIN, Timothy, M.** [US/US]; 1 High Mowing Road, Ringoes, NJ 08551 (US). **LAVIN, MaryEllen** [US/US]; Apartment 3, 54 Gardenview Terrace, Hightstown, NJ 08520 (US).

(74) **SHEEHAN, John, M.** et al. / etc.; FMC Corporation, 1735 Market Street, Philadelphia, PA 19103 (US).

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

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

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(51)[7] **A01N 25/12**

(11) **WO 01/70025** (13) A1

(21) PCT/KR01/00478

(22) **24 Mar/mar 2001 (24.03.2001)**

(25) ko (26) en

(30) 2000/15155 **24 Mar/mar 2000** KR **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • USE OF VITAMIN B1 AS AGENTS FOR CONTROLLING PLANT DISEASES
• UTILISATION DE LA VITAME B1 COMME AGENT DE LUTTE CONTRE DES MALADIES DES PLANTES

(71) **LG CHEM INVESTMENT LTD.** [KR/KR]; 20, Yoido-dong, Yongdungpo-ku, Seoul 150-010 (KR). *(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **LEE, Yong, Hwan** [KR/KR]; Setbyul Apt. #201-101, Dalan-dong, Dongan-gu, Anyang-shi, Kyunggi-do 431-058 (KR).

(72, 75) **AHN, Il, Pyung** [KR/KR]; Samhwan Apt. #2-1002, Goowoon-dong, Kweonsun-gu, Suwon-shi, Kyunggi-do 441-340 (KR). **JWA, Nam, Soo** [KR/KR]; Kangnam Apt. #108-1101, Keumgok-dong, Kweonsun-gu, Suwon-shi, Kyunggi-do 441-460 (KR). **KIM, Soon, Ok** [KR/KR]; Samhwan Apt. #2-1002, 432, Goowoon-dong, Kweonsun-gu, Suwon-shi, Kyunggi-do 441-340 (KR). **PARK, Chan, Ho** [KR/KR]; 246, Yeonwoo-dong, Jangan-gu, Suwon-shi, Kyunggi-do 440-240 (KR). **PARK, Sook, Young** [KR/KR]; 2785-6, Bongam-ri, Doyang-eup, Goheung-gun, Jeollanam-do 548-900 (KR). **SON, Young, Joon** [KR/KR]; 375-2, Jeonpo 3-dong, Busanjin-gu, Busan 614-043 (KR). **KIM, Dal-Soo** [KR/KR]; Hana Apt. #107-1307, Shinsung-dong, Yusong-gu, Taejon 305-345 (KR). **CHUN, Sam, Jae** [KR/KR]; Garam Apt. #16-505, 986, Samchun-dong, Seo-gu, Taejon 302-744 (KR). **LEE, Yeon, Mi** [KR/KR]; LG Chemical Dormitory #7-203, Doryong-dong, Yusong-gu, Taejon 305-340 (KR). **CHO, Yun, Kyung** [KR/KR]; Lotte Villa #107-301, Seoshin-dong, Jeonjoo-shi,, Jeollabuk-do 560-762 (KR). **BAE, Cheol-Yong** [KR/KR]; Gagopahites Villa #202, Yangdeok-dong, Masan-shi, Kyungsangnam-do 630-490 (KR).

(74) **CHOI, Kyu-Pal**; 824-11, Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

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

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

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(51)[7] **A01N 37/30, 37/46, 37/48, 43/08, 43/40, 45/02**

(11) **WO 01/70026** (13) A2

(21) PCT/EP01/02418

(22) **3 Mar/mar 2001 (03.03.2001)**

(25) de (26) de

(30) 100 14 141.2 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • 2-PHENYLENEDIAMINE DERIVATIVES AS HERBICIDES
• DERIVES DE 2-PHENYLENEDIAMINE UTILISES COMME HERBICIDES

(71) **JOMAA PHARMAKA GMBH** [DE/DE]; Frankfurter Strasse 50, 35392 Giessen (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **JOMAA, Hassan** [DE/DE]; Breslauer Strasse 24, 35398 Giessen (DE). **SCHLITZER, Martin** [DE/DE]; Kastanienweg 2, 35287 Amöneburg-Rossdorf (DE).

(74) **PANTEN, Kirsten** et al. / etc.; Reichel und Reichel, Parkstrasse 13, 60322 Frankfurt am Main (DE).

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

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

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(51)[7] **A01N 43/12**

(11) **WO 01/70027** (13) A2

(21) PCT/EP01/02610

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) de (26) de

(30) 100 13 914.0 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMBINATIONS OF ACTIVE INGREDIENTS WITH INSECTICIDAL AND ACARICIDAL PROPERTIES
• COMBINAISONS DE SUBSTANCES ACTIVES A PROPRIETES INSECTICIDES ET ACARICIDES

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FISCHER, Reiner** [DE/DE]; Nelly-Sachs-Str. 23, 40789 Monheim (DE). **ERDELEN, Christoph** [DE/DE]; Unterbüscher Hof 15, 42799 Leichlingen (DE). **BRETSCHNEIDER, Thomas** [DE/DE]; Talstr. 29b, 53797 Lohmar (DE).

(74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (DE).

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

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

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

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(51)[7] **A01N 45/02**

(11) **WO 01/70028** (13) A1

(21) PCT/AU01/00306

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) PQ 6343 **20 Mar/mar 2000** AU **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYNERGISTIC FORMULATIONS
• FORMULATIONS SYNERGIQUES

(71) **ELI LILLY AND COMPANY** [US/US]; Lilly Corporate Center, Indianapolis, IN (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LOWE, Lionel, Barry** [AU/AU]; 3 Mitchell Road, Dural, NSW 2158 (AU). **ROTHWELL, James, Terence** [AU/AU]; 9 Havelock Street, South Turramurra, NSW 2074 (AU).

(74) **SPRUSON & FERGUSON**; GPO Box 3898, Sydney, NSW 2001 (AU).

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

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

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(51)[7] **A01N 57/00, A61K 31/665**

(11) **WO 01/70029** (13) A1

(21) PCT/US01/08395

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/528,488 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMPOSITIONS AND METHODS OF TREATING, REDUCING, AND PREVENTING CARDIOVASCULAR DISEASES AND DISORDERS WITH POLYMETHOXYFLAVONES
• COMPOSITION ET METHODES DE TRAITEMENT, DE DIMINUTION, ET DE PREVENTION DE MALADIES ET TROUBLES CARDIO-VASCULAIRES AVEC DES POLYMETHOXYFLAVONES

(71) **KGK SYNERGIE** [CA/CA]; The University of Western Ontario Research Park, Suite 130, 100 Collip Circle, London, Ontario N6G 4X8 (CA). **UNITED STATES DEPARTMENT OF AGRICULTURE** [US/US]; Room 4-1159, 5601 Sunnyside Avenue, Beltsville, MD 20705-5131 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) **HOROWITZ, Robert, M.** (deceased / décédé).

(72, 75) **GUTHRIE, Najla** [CA/CA]; 389 Dundas Street, London, Ontario N6B 3L5 (CA). **KUROWSKA, Elzbieta, Maria** [CA/CA]; 999 St. Croix Avenue, London, Ontario N6H 3X8 (CA). **MANTHEY, John, A.** [US/US]; 104 Gregory Circle, Auburndale, FL 33823 (US).

(74) **DAVIDSON, Clifford, M.** et al. / etc.; Davidson, Davidson & Kappel, LLC, 485 Seventh Avenue, New York, NY 10018 (US).

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

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

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(51)[7] **A01N 59/00, 37/16 // (A01N 37/16, 59:00, 37:36, 37:06, 37:04, 37:02, 33:12)**

(11) **WO 01/70030** (13) A2

(21) PCT/US01/07396

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) en (26) en

(30) 09/532,691 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PEROXYCARBOXYLIC ACID COMPOSITIONS AND METHODS OF USE AGAINST MICROBIAL SPORES
• COMPOSITIONS D'ACIDE PEROXYCARBOXYLIQUE ET PROCEDES D'UTILISATIONS CONTRE DES SPORES MICROBIENNES

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

(72) **HILGREN, John, D.**; 925 Tanglewood Drive, Shoreview, MN 55126 (US). **RICHTER, Francis, L.**; 6707 Sherman Lake Road, Lino Lakes, MN 55038 (US). **REINHART, Duane, J.**; 2376 Mailand Road, Maplewood, MN 55119 (US). **SALVERDA, Joy, A.**; 2696 Kempston Drive, Woodbury, MN 55125 (US).

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

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

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

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(51)[7] **A01N 61/00, A61K 31/00, 38/00, 39/395, 35/14, 38/16, C07K 1/00, 14/00, 17/00, 16/00, C07H 5/04, 19/00, 21/00, 21/02, 21/04, C12P 21/08**

(11) **WO 01/70031** (13) A1

(21) PCT/US01/40365

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,522 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • OPIOID GROWTH FACTOR MODULATES ANGIOGENESIS
• FACTEUR DE CROISSANCE D'OPIOIDE, MODULANT L'ANGIOGENESE

(71, 72) **ZAGAN, Ian, S.** [US/US]; 589 Cook Court, Hummelstown, PA 17036 (US). **BLEBEA, John** [US/US]; 710 Pine Tree Road, Hummelstown, PA 17036 (US). **MCLAUGHLIN, Patricia, J.** [US/US]; 5535 Partridge Court, Harrisburg, PA 17111 (US).

(74) **GROLZ, Edward, W.**; Scully, Scott, Murphy & Presser, 400 Garden City Plaza, Garden City, NY 11530 (US).

(81) CA MX.

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

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(51)[7] **A01N 63/00, A61K 39/155**

(11) **WO 01/70032** (13) A1

(21) PCT/US01/09091

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/531,375 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • RECOMBINANT PARAINFLUENZA VIRUS EXPRESSION SYSTEMS AND VACCINES
• SYSTEMES D'EXPRESSION DU VIRUS PARAINFLUENZA RECOMBINE ET VACCINS

(71) **AVIRON** [US/US]; 297 North Bernardo Avenue, Mountain View, CA 94043 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HALLER, Aurelia** [AT/US]; 313 Hillview Avenue, Redwood City, CA 94062 (US). **COELINGH, Kathleen, L.** [US/US]; 1507 Dolores Street, San Francisco, CA 94110 (US).

(74) **CORUZZI, Laura, A.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

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

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

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

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(51)[7] **A01N 63/04**

(11) **WO 01/70033** (13) A1

(21) PCT/IN00/00028

(22) **23 Mar/mar 2000 (23.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HERBICIDES COMPRISING PHYTOTOXINS OF *LASIODIPLODIA THEOBROMAE*, THEIR PRODUCTION AND USE
• HERBICIDES CONTENANT DES PHYTOTOXINES DE LASIODIPLODIA THEOBROMAE, LEUR PRODUCTION ET UTILISATION

(71) **NAGARJUNA HOLDINGS PRIVATE LIMITED** [IN/IN]; Nagarjuna Hills, Panjagutta, Hyderabad 500 038, Andhra Pradesh (IN). **INDIAN INSTITUTE OF SCIENCE** [IN/IN]; Dept. of Biochemistry, Bangalore 560 012, Karnataka (IN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAJASEKHARAN, Ram** [IN/IN]; Indian Institute of Science, Dept. of Biochemistry, Bangalore 560 012, Karnataka (IN). **RODRIGUES, Rosaline** [IN/IN]; Indian Institute of Science, Dept. of Biochemistry, Bangalore 560 012, Karnataka (IN). **REDDY, Sairam, Palicherla** [IN/IN]; Indian Institute of Science, Dept. of Biochemistry, Bangalore 560 012, Karnataka (IN).

(74) **GABRIEL, Devadoss, Calab**; Kumaran & Sagar, 84C, C6 Lane, Sainik Farms, New Delhi 110 062 (IN).

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

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

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(51)[7] **A21B 1/52**

(11) **WO 01/70034** (13) A1

(21) PCT/US01/09133

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/531,721 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PIZZA WARMER AND OVEN SYSTEM
• SYSTEME DE FOUR ET DE RECHAUFFEMENT DE PIZZA

(71) **PHASE CHANGE LABORATORIES, INC.** [US/US]; 7920 Airway Road, Suite A-10, San Diego, CA 92154 (US).

(72) **FROHLICH, Sigurd**; 306 N. West El Norte Parkway, #460, Escondido, CA 92026 (US). **SCHNEIDER, Richard, M.**; 7920 Airway Road, Suite A-10, San Diego, CA 92154 (US). **OLIVERA, Abel**; 7920 Airway Road, Suite A-10, San Diego, CA 92154 (US).

(74) **TIGHE, Thomas, J.**; Tighe and Associates, Suite 103, 6265 Greenwich Drive, San Diego, CA 92122 (US).

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

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

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(51)[7] **A21C 15/02, A21D 13/08**

(11) **WO 01/70035** (13) A1

(21) PCT/AT01/00055

(22) **27 Feb/fév 2001 (27.02.2001)**

(25) de (26) de

(30) A 496/2000 **23 Mar/mar 2000** AT **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR PRODUCING A WAFFLE PRODUCT, ARRANGEMENT FOR CARRYING OUT SAID METHOD AND A WAFFLE PRODUCT PRODUCED ACCORDING TO SAID METHOD
• PROCEDE DE FABRICATION D'UNE GAUFRE, DISPOSITIF POUR REALISER CE PROCEDE ET GAUFRE FABRIQUEE SELON LEDIT PROCEDE

(71) **MASTER FOODS AUSTRIA GESELLSCHAFT M.B.H.** [AT/AT]; Eisenstädter Strasse 80, A-7091 Breitenbrunn (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DRAGANITSCH, Karl** [AT/AT]; Bahnstrasse 83, A-7082 Donnerskirchen (AT). **FILA, Rudolf** [AT/AT]; Johannesstrasse 42, A-2344 Maria Enzersdorf (AT).

(74) **ATZWANGER, Richard**; Mariahilfer Strasse 1c, A-1060 Wien (AT).

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

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

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(51)[7] **A21D 10/00, 8/04, 2/16, 2/02, 2/18, 2/22**

(11) **WO 01/70036** (13) A1

(21) PCT/GB01/01259

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 0006881.7 **22 Mar/mar 2000** GB **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LIQUID BREAD IMPROVER COMPOSITION
• COMPOSITION LIQUIDE AMELIORANT LA QUALITE DE PAIN

(71) **KERRY INGREDIENTS (UK) LIMITED** [GB/GB]; Equinox South, Great Park Road, Bradley Stoke, Bristol BS32 4QL (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WHITEHURST, Robert, John** [GB/GB]; 23 Brook Court, Horton, Northampton NN7 2BL (GB).

(74) **TOWNSEND, Victoria, Jayne** et al. / etc.; Fry Heath & Spence, The Old College, 53 High Street, Horley, Surrey RH6 7BN (GB).

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

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

Published / Publiée : *(c)*

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(51)[7] **A23C 9/12**

(11) **WO 01/70037** (13) A1

(21) PCT/US00/07625

(22) **21 Mar/mar 2000 (21.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PASTA FILATA METHOD FOR MANUFACTURING SWISS-TYPE CHEESES
• PROCEDE DE FABRICATION DU TYPE A PATE MOLLE ET CAILLE PLASTIQUE, DESTINE A DES FROMAGES SUISSES

(71) **SARGENTO FOODS INC.** [US/US]; One Persnickety Place, Plymouth, WI 53073 (US).

(72) **REINBOLD, Robert, S.**; 637 South Main Street, No. 13, Fond du Lac, WI 54935 (US). **WILLITS, Richard, E.**; W6781 Esker Ridge, Elkhart Lake, WI 53020 (US). **DESMIDT, Kim, M.**; W8710 Scenic Drive, Plymouth, WI 53073 (US).

(74) **RYAN, Daniel, D.** et al. / etc.; P.O. Box 26618, Milwaukee, WI 53226 (US).

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

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

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(51)[7] **A23F 3/00**

(11) **WO 01/70038** (13) A2

(21) PCT/EP01/02587

(22) **6 Mar/mar 2001 (06.03.2001)**

(25) en (26) en

(30) 249/MUM/2000 **22 Mar/mar 2000** IN **(22.03.2000)**

(30) 0010311.9 **27 Apr/avr 2000** GB **(27.04.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COLD WATER SOLUBLE TEA
• THÉ SOLUBLE DANS DE L'EAU FROIDE

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

(71) **UNILEVER NV** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
(only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CR CU CZ DE DK DM DZ EE ES FI FR GA GE GN GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NE NL NO PL PT RO RU SE SI SK SN TD TG TJ TM TR UA UZ VN YU)

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

(72) **GANESAN, Velu**; Hindustan Lever Ltd, Doom Dooma India Division, P.O. Doom Dooma, District Tinsukia, Assam 786 151 (IN). **GANGULI, Shovan**; Hindustan Lever Ltd, Research Centre, 64 Main Road, Whitefield P.O., Bangalore 560 066 (IN). **GARG, Kush**; Hindustan Lever Ltd, Doom Dooma India Division, P.O. Doom Dooma, District Tinsukia, Assam 786 151 (IN). **PATEL, Mushtaq**; Polymer Institute, University of Karlsruhe, Kaisserstrasse 12, 76128 Karlsruhe (DE). **SINKAR, Vilas, Pandurang**; Hindustan Lever Ltd, Research Centre, 64 Main Road, Whitefield P.O., Bangalore 560 066 (IN). **SUBRAMANIAN, Narayanaswami**; Hindustan Lever Ltd, Research Centre, 64 Main Road, Whitefield P.O., Bangalore 560 066 (IN).

(74) **EVANS, Jacqueline, Gail, Victoria**; Unilever PLC, Patent Dept., Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).

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

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

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(51)[7] **A23G 1/08, B30B 7/02, 9/04**

(11) **WO 01/70039** (13) A1

(21) PCT/NL01/00246

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 1014739 **24 Mar/mar 2000** NL **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A PRESS FOR SEPARATING COCOA MASS INTO COCOA CAKE AND COCOA BUTTER
• PRESSE DE SEPARATION DE LA PATE DE CACAO EN TOURTEAU DE CACAO ET EN BEURRE DE CACAO

(71) **B.V. MACHINEFABRIEK P.M. DUYVIS** [NL/NL]; Schipperslaan 15, NL-1540 AA Koog Aan De Zaan (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MANTEL, Rob, Victor** [NL/NL]; Zandweg 208, NL-1531 AV Wormer (NL).

(74) **AALBERS, Arnt, Reinier**; De Vries & Metman, Overschiestraat 180, NL-1062 XK Amsterdam (NL).

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

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

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(51)[7] **A23G 3/20, 3/26, 7/02, A23P 1/08**

(11) **WO 01/70040** (13) A1

(21) PCT/FR01/00838

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) fr (26) fr

(30) 00/03612 **21 Mar/mar 2000** FR **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PARTICLE COATING METHOD
• PROCEDE D'ENROBAGE DE PARTICULES

(71) **MASTERFOODS** [FR/FR]; Lieudit "St Nicolas", F-45550 Saint-Denis-de-l'Hôtel (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RODRIGUES, Emmanuel** [FR/FR]; 5, rue du Charbon, F-67240 Gries (FR). **ROCHE-LAGARDE, Dominique** [FR/FR]; 11, rue du Maréchal Leclerc, F-67870 Griesheim (FR).

(74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).

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

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

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(51)[7] **A23J 1/20, 1/22, A23C 1/03, C12N 9/10**

(11) **WO 01/70041** (13) A1

(21) PCT/EP00/02618

(22) **23 Mar/mar 2000 (23.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR PREPARING A ROLLER DRIED PROTEIN PREPARATION
• PROCEDE POUR PREPARER UNE PREPARATION DE PROTEINES SECHEE SUR CYLINDRES

(71) **CAMPINA MELKUNIE B.V.** [NL/NL]; Hogeweg 9, NL-5301 LB Zaltbommel (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CLARK, David, Callam** [GB/US]; HC65 Box 75 McNaught Hill Rd., Bovina, NY 13740 (US). **SCHMELTER, Tillmann, Gerhard** [DE/NL]; Sterndonk 4, NL-5467 DW Veghel (NL). **VAN DIJK, Johannes, Henricus** [NL/NL]; Groesstraat 7, NL-5409 TN Odiliapeel (NL).

(74) **VAN SOMEREN, Petronella, Francisca, Hendrika, Maria**; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).

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

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

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(51)[7] **A23J 1/20, 1/22, A23C 1/03, C12N 9/10**

(11) **WO 01/70042** (13) A1

(21) PCT/EP01/03436

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) PCT/EP00/02618 **23 Mar/mar 2000** EP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR PREPARING A ROLLER DRIED PROTEIN PREPARATION
• PROCEDE DE PREPARATION D'UNE PREPARATION DE PROTEINES SECHEES SUR CYLINDRES

(71) **CAMPINA MELKUNIE B.V.** [NL/NL]; Hogeweg 9, NL-5301 LB Zaltbommel (NL). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CLARK, David, Callam** [GB/US]; HC65 Box 75 McNaught Hill Rd., Bovina, NY 13740 (US). **SCHMELTER, Tillmann, Gerhard** [DE/NL]; Sterndonk 4, NL-5467 DW Veghel (NL). **VAN DIJK, Johannes, Henricus** [NL/NL]; Groesstraat 7, NL-5409 TN Odiliapeel (NL).

(74) **VAN SOMEREN, Petronella, Francisca** et al. / etc.; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).

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

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

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(51)[7] **A23K**

(11) **WO 01/70043** (13) A2

(21) PCT/EP01/03437

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,137 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DENTALLY BENEFICIAL PET FOOD AND METHOD OF MANUFACTURE
• ALIMENTS POUR ANIMAUX DE COMPAGNIE, BENEFIQUES SUR LE PLAN DENTAIRE, ET PROCEDE DE FABRICATION ASSOCIE

(71) **SOCIETE DES PRODUITS NESTLE S.A.** [CH/CH]; P.O. Box 353, CH-1800 Vevey (CH). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CUPP, Carolyn, Jean** [US/US]; 811 Adams Drive, Liberty, MO 64068 (US). **SAYLOCK, Michael, J.** [US/US]; 3621 NW 75th Court, Kansas City, MO 64151 (US). **RAYNER, Michael, G.** [US/US]; 4904 Creek Crossing Drive, St. Joseph, MO 64507 (US). **BRESCIA, Lorenzo** [IT/US]; Apartment #301, 4985 Columbia Road, Columbia, MD 21044 (US).

(74) **ASHBY, Kevin**; Société des Produits Nestlé S.A., P.O. Box 353, CH-1800 Vevey (CH).

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

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

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(51)[7] **A23K 1/16, B65D 81/32**

(11) **WO 01/70044** (13) A1

(21) PCT/EP01/03952

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 00106397.3 **24 Mar/mar 2000** EP **(24.03.2000)**

(30) 09/590,804 **9 Jun/juin 2000** US **(09.06.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LIQUID VITAMIN COMPOSITION
• COMPOSITION LIQUIDE DE VITAMINE

(71) **AVENTIS ANIMAL NUTRITION S.A.** [FR/FR]; 42, avenue Aristide Briand, F-92160 Antony (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CREPEAU, Michel, André** [US/US]; 1047 Broken Bow Dr., Pueblo West, CO 81007 (US). **DE LANTY, Patrick** [FR/FR]; Résidence du Petit Chambord - Escalier 17, 41, rue de la Fontaine Grelot, F-92340 Bourg-la-Reine (FR). **DOLLAT, Jean-Marie** [FR/FR]; 9, rue de la Paquette, F-03100 Montluçon (FR). **MUYSSON, David** [US/FR]; 8, le Buisson St. Anne, F-78860 Saint-Nom-la-Breteche (FR).

(74) **AVENTIS CROPSCIENCE S.A.**; Département Propriété Industrielle, B.P. 9163 - 14-20, rue Pierre Baizet, F-69263 Lyon Cedex 09 (FR).

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

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

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(51)[7] **A23K 1/18, 1/00**

(11) **WO 01/70045** (13) A1

(21) PCT/IB01/00463

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/191,174 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PET FOOD COMPOSITION AND METHOD OF MANUFACTURE
• COMPOSITION D'ALIMENT POUR ANIMAUX DE COMPAGNIE ET PROCEDE DE PREPARATION ASSOCIE

(71) **SOCIETE DES PRODUITS NESTLE S.A.** [CH/CH]; P.O. Box 353, CH-1800 Vevey (CH). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SAYLOCK, Michael, J.** [US/US]; 3621 NW 75th Court, Kansas City, MO 64151 (US). **DIXON, Dan** [US/US]; 12527 Country Road 443, St. Joseph, MO 64505 (US).

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

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

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

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(51)[7] **A23L 1/30, A23D 9/00, C11B 3/12, A61K 35/78, 31/23, A23L 1/24, A21D 2/16**

(11) **WO 01/70046** (13) A1

(21) PCT/FR01/00814

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) fr (26) fr

(30) 00/03522 **20 Mar/mar 2000** FR **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NATURAL VEGETABLE OIL CONCENTRATED IN UNSAPONIFIABLE MATTERS AS FOOD INGREDIENT
• HUILE VEGETALE NATURELLE CONCENTREE EN INSAPONIFIABLE COMME INGREDIENT ALIMENTAIRE

(71) **LABORATOIRES PHARMASCIENCE** [FR/FR]; 73, boulevard de la Mission Marchand, F-92400 Courbevoie (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KOHLER, Carole** [FR/FR]; 26, passage Cardinet, F-75017 Paris (FR). **MSIKA, Philippe** [FR/FR]; 226, rue Marcadet, F-75018 Paris (FR). **PICCIRILLI, Antoine** [FR/FR]; 52 bis, rue du Prieuré Saint-Thomas, F-28230 Epernon (FR).

(74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).

(81) AU JP KR US.

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

Published / Publiée : *(c)*

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(51)[7] **A23L 1/305, A23J 3/34, A23C 21/02, 9/12**

(11) **WO 01/70047** (13) A1

(21) PCT/EP01/03330

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 00106407.0 **24 Mar/mar 2000** EP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NUTRITIONAL COMPOSITION COMPRISING HYDROLYSED PROTEIN
• COMPOSITION NUTRITIONNELLE CONTENANT DE LA PROTEINE HYDROLYSEE

(71) **SOCIÉTÉ DES PRODUITS NESTLÉ S.A.** [CH/CH]; P.O. Box 353, CH-1800 Vevey (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRAUN, Marcel** [CH/CH]; Höhenweg 5, CH-3510 Konolfingen (CH). **NEUMANN, Fred** [DE/CH]; Chaletweg 2, CH-3612 Steffisburg (CH). **MEISTER, Niklaus** [CH/CH]; Scherpfenweg 7, CH-3506 Grosshoechstetten (CH). **KRATKY, Zdenek** [US/CH]; Au Rattalez, CH-1613 Maracon (CH).

(74) **KURIG, Thomas**; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

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(51)[7] **A23L 1/31, 1/317**

(11) **WO 01/70048** (13) A1

(21) PCT/AU01/00281

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) PQ 6385 **21 Mar/mar 2000** AU **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A REFORMED MEAT PRODUCT
• PRODUIT CARNE RECONSTITUE

(71, 72) **WILSON, Graham, Maurice, Gilmore** [AU/AU]; 32 Webster Street, Kingaroy, QLD 4610 (AU).

(74) **DE JONGE, Ian**; Cullen & Co, Level 26, 239 George Street, Brisbane, QLD 4000 (AU).

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

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

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(51)[7] **A23L 2/38, 2/60, 1/236**

(11) **WO 01/70049** (13) A1

(21) PCT/US01/40146

(22) **20 Feb/fév 2001 (20.02.2001)**

(25) en (26) en

(30) 09/527,613 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • STABILITY ENHANCEMENT OF SWEETENERS USING SALTS CONTAINING DIVALENT OR TRIVALENT CATIONS
• AMELIORATION DE LA STABILITE D'EDULCORANTS AU MOYEN DE SELS RENFERMANT DES CATIONS DIVALENTS OU TRIVALENTS

(71) **THE NUTRASWEET COMPANY** [US/US]; Suite 3200, 10 South Wacker Drive, Chicago, IL 60606 (US).

(72) **SCHROEDER, Steve, A.**; 6486 Hallen Avenue, Belvidere, IL 61008 (US). **WANG, Run**; 4938 Boulders Drive, Gurnee, IL 60031 (US).

(74) **MANDRA, Raymond, R.** et al. / etc.; Fitzpatrick, Cella, Harper & Scinto, 30 Rockefeller Plaza, New York, NY 10112-3801 (US).

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

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

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(51)[7] **A23L 3/02, 3/04, 3/00, B65G 54/02**

(11) **WO 01/70050** (13) A1

(21) PCT/FR01/00824

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) fr (26) fr

(30) 00/03500 **20 Mar/mar 2000** FR **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INSTALLATION FOR CONTINUOUS STERILISATION OF PRODUCTS CONTAINED IN FLEXIBLE PACKAGES
• INSTALLATION DE STERILISATION EN CONTINU DE PRODUITS CONTENUS DANS DES EMBALLAGES SOUPLES

(71) **BARRIQUAND STERIFLOW** [FR/FR]; 9 à 13, rue Saint Claude, F-42300 Roanne (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROUMAGNAC, Jean-Patrick** [FR/FR]; 25, rue Auguste Gelin, F-42120 Le Coteau (FR).

(74) **LE BRAS, Hervé** et al. / etc.; Cabinet Beau de Loménie, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

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(51)[7] **A24C 1/34**

(11) **WO 01/70051** (13) A1

(21) PCT/NL01/00202

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) en (26) en

(30) 1014711 **21 Mar/mar 2000** NL **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MACHINE FOR ROLLING AND GLUING A CIGAR WRAPPER AND METHOD FOR ROLLING AND GLUING A CIGAR WRAPPER
• MACHINE ET PROCEDE PERMETTANT DE ROULER ET DE COLLER UNE ROBE DE CIGARE

(71) **LAREKA MACHINES B.V.** [NL/NL]; J.F. Kennedylaan 1, NL-5555 HC Valkenswaard (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BREEMANS, Jozef, Louis** [BE/BE]; Overwegstraat 19, B-3530 Houthalen (BE).

(74) **VAN STRAATEN, Joop**; Octrooibureau van Straaten, Waalreseweg 17, NL-5554 HA Valkenswaard (NL).

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

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

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(51)[7] **A24D 3/06**

(11) **WO 01/70052** (13) A1

(21) PCT/KR01/00288

(22) **26 Feb/fév 2001 (26.02.2001)**

(25) ko (26) en

(30) 2000/14393 **21 Mar/mar 2000** KR **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CIGARETTES CONTAINING GOLD OR SILVER PARTICLES AND MANUFACTURING METHODS OF THE CIGARETTE FILTER
• CIGARETTES CONTENANT DES PARTICULES D'OR ET D'ARGENT ET PROCEDES DE FABRICATIONS DU FILTRE DE CIGARETTES

(71, 72) **AN, Jung-O** [KR/KR]; 105, Sinseo B/D, #283 6-Ga, Dangsan-dong, Yongdungpo-gu, Seoul 150-046 (KR).

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

NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

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(51)[7] **A24D 3/08**

(11) **WO 01/70053** (13) A1

(21) PCT/CN01/00334

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) zh (26) zh

(30) 00103977.6 **18 Mar/mar 2000** CN **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FILTER MEMBER FOR CIGARETTE
• FILTRE POUR CIGARETTE

(71) **CENTRE OF BIOLOGICAL PRODUCTS AND IMMUNITY TECH. APPLICATION AND RESEARCH DANDONG** [CN/CN]; No. 68 Renmin Street, Zhenxing District, Dandong City, Liaoning 118002 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LIU, Ande** [CN/CN]; No. 68 Renmin Street, Zhenxing District, Dandong City, Liaoning 118002 (CN).

(74) **CCPIT Patent and Trademark Law Office**; 10/F. Ocean Plaza, 158 Fuxingmennei Street, Beijing 100031 (CN).

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

Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(u) for / pour US only / seulement

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(51)[7] **A24F 47/00, A24B 15/12, 15/18, A24C 5/00**

(11) **WO 01/70054** (13) A1

(21) PCT/US01/09302

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,461 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 60/191,455 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 60/191,460 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ELECTRICAL SMOKING SYSTEM AND METHOD
• SYSTEME ELECTRIQUE SERVANT A FUMER UNE CIGARETTE ET PROCEDE ASSOCIE

(71) **PHILIP MORRIS PRODUCTS INC.** [US/US]; 3601 Commerce Road, Richmond, VA 23234 (US).

(72) **WRENN, Susan, E.**; 12130 Ivy Mill Road, Chesterfield, VA 23832 (US). **CROWE, William, James**; 11120 Chalkley Road, Chester, VA 23831 (US). **LILLY, A., Clifton, Jr.**; 9641 Waterfowl Flyway, Chesterfield, VA 23838 (US). **HARRIS, Charles, W.**; 7819 Little Ridge Court, Chesterfield, VA 23832 (US). **FRANKLIN, Traci, L.**; 6124 Thyme Drive, Mechanicsville, VA 23111 (US). **JONES, Donald, H.**; 12571 Thoreau Drive, Chesterfield, VA 23832 (US). **HAYES, Patrick, H.**; 4540 Forrestal Road, Chester, VA 23831 (US). **SMITH, Barry, S.**; 9639 Sandy Ridge Road, Hopewell, VA 23860 (US). **COUNTS, Mary, Ellen**; 4506 Cutshaw Avenue, Richmond, VA 23230 (US). **SWEPSTON, Jeffrey, A.**; 4050 Fox Run Road, Powhatan, VA 23139 (US). **SANDERSON, Wesley, G.**; 13900 Sandy Oak Road, Chester, VA 23831 (US). **BRAUNSHTEYN, Mikhail, S.**; 9604 Wildbriar Lane, Richmond, VA 23229 (US). **STEVENSON, Brett, W.**; 1848 Glencove Lane, Richmond, VA 23225 (US). **HALL, James, W.**; 10809 Canaan Valley Court, Glen Allen, VA 23060 (US).

(74) **SKIFF, Peter, K.** et al. / etc.; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22314-1404 (US).

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

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

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(51)[7] **A41C 3/14**

(11) **WO 01/70055** (13) A1

(21) PCT/FR01/00784

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) fr (26) fr

(30) 00/03702 **23 Mar/mar 2000** FR **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BRASSIERE CUP AND RESULTING BRASSIERE
• BONNET DE SOUTIEN-GORGE ET SOUTIEN-GORGE AINSI OBTENU

(71, 72) **ROFFIDAL, Didier** [FR/FR]; 11 boulevard Clémenceau, F-59700 Marq en Baroeul (FR).

(74) **HENNION, Jean-Claude**; Société Civile Cabinet Ecrepont, 27bis, rue du Vieux Faubourg, F-59800 Lille (FR).

(81) JP US.

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

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(51)[7] **A41D 13/00**

(11) **WO 01/70056** (13) A1

(21) PCT/US01/08723

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/528,397 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BATTING PAD
• COUSSINET DE PROTECTION POUR BATTE

(71) **PRO-HITTER CORPORATION** [US/US]; 202 Round House Road, Piermont, NY 10968 (US).

(72) **LOMEDICO, Phillip**; 202 Round House Road, Piermont, NY 10968 (US).

(74) **KRAUS, Jason, R.** et al. / etc.; Dorsey & Whitney LLP, Pillsbury Center South, 220 South Sixth Street, Minneapolis, MN 55402-1498 (US).

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

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

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(51)[7] **A41D 19/015, H05B 3/14, 3/34**

(11) **WO 01/70057** (13) A1

(21) PCT/GB01/01266

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 0007026.8 **23 Mar/mar 2000** GB **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HEATABLE LEATHER LAMINATE
• STRATIFIE EN CUIR CHAUFFABLE

(71) **PITTARDS PLC** [GB/GB]; Sherborne Road, Yeovil, Somerset BA21 5BA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CASSINGHAM, Darryl, Miles** [GB/GB]; 141 Lower Fairmead Road, Yeovil, Somerset BA21 5SR (GB).

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

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

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

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(51)[7] **A43B 3/10, 9/02, 9/12**

(11) **WO 01/70058** (13) A1

(21) PCT/ZA00/00098

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 2000/1508 **24 Mar/mar 2000** ZA **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FOOTWEAR SOLE CONSTRUCTION
• SEMELLE POUR CHAUSSURE

(71) **OCTOPUS FOOTWEAR INTERNATIONAL (PTY) LIMITED** [ZA/ZA]; 23 Harden Avenue, Seaview, 4094 Durban, Kwa Zulu Natal (ZA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GEDYE, Michael, Arthur** [ZA/ZA]; 23-31 Harden Avenue, 4073 Seaview, Kwa Zulu Natal (ZA).

(74) **MORRISON, Ian** et al. / etc.; FMI House, Gleneagles Park, Flanders Drive, P.O. Box 2004, 4300 Mount Edgecombe, Kwa Zulu Natal (ZA).

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

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

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(51)[7] **A43B 7/00**

(11) **WO 01/70059** (13) A1

(21) PCT/KR01/00451

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 2000/8089 U **22 Mar/mar 2000** KR **(22.03.2000)**

(30) 2000/19192 U **5 Jul/juil 2000** KR **(05.07.2000)**

(30) 2001/5008 U **26 Feb/fév 2001** KR **(26.02.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • VENTILATION VALVE
• VALVE DE VENTILATION

(71, 72) **HAN, Sang, Chun** [KR/KR]; 218-4 Suksu-dong, Manan-gu, Anyang-si, Kyunggi-do 430-040 (KR).

(74) **LEE, Dae, Sun**; 6F, Chongkundang Bldg., Shipchong-2dong, Pupyung-gu, Inchon 403-132 (KR).

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

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

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(51)[7] **A43B 13/00**

(11) **WO 01/70060** (13) A2

(21) PCT/US01/08201

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/526,860 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BLADDER WITH MULTI-STAGE REGIONALIZED CUSHIONING
• VESSIE AVEC AMORTISSEMENT LOCALISE A ETAGES MULTIPLES

(71) **NIKE, INC.** [US/US]; One Bowerman Drive, Beaverton, OR 97005-6453 (US).
(only for / seulement pour JP KP)

(71) **NIKE INTERNATIONAL LTD.** [US/US]; One Bowerman Drive, Beaverton, OR 97005-6453 (US).
(for all designated States except / pour tous les États désignés sauf JP KP)

(72) **TAWNEY, John, C.**; 2125 SW 111th Place, Portland, OR 97225 (US). **POTTER, Daniel, R.**; 1604 Birch Street, Forest Grove, OR 97116 (US). **AVENI, Michael, A.**; 4965 Suntree Lane, Lake Oswego, OR 97035 (US). **PASSKE, Joel, L.**; 5190 NW Neakahnie Avenue, #18, Portland, OR 97229 (US). **HERRIDGE, David, B.**; 514 Huber Drive, Mendota Heights, MN 55120 (US). **NAIMAN, Alaric, J.**; 14 Huntley Lane, Lincoln, MA 01773 (US). **MACGREGOR, Alastair, R.**; Innovia Tech., Ltd., 301 Hills Road, Cambridge CB2 2QS (GB). **SCARFE, Julian, A.**; Innovia Tech., Ltd., 301 Hills Road, Cambridge CB2 2QS (GB). **AGER, Colin, D.**; Innovia Tech., Ltd., 301 Hills Road, Cambridge CB2 2QS (GB). **COLBY, Edward, G.**; Sentec, Ltd., Terrington House, 13-15 Hills Road, Cambridge CB2 1GE (GB).

(74) **NIEGOWSKI, James, A.** et al. / etc.; Banner & Witcoff, Ltd., 11th Floor, 1001 G Street, N.W., Washington, DC 20001-4597 (US).

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

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

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(51)[7] **A43B 13/00**

(11) **WO 01/70061** (13) A2

(21) PCT/US01/08202

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/526,862 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ARTICLE OF FOOTWEAR WITH A MOTION CONTROL DEVICE
• ARTICLE DE CHAUSSURE AVEC DISPOSITIF DE COMMANDE DE MOUVEMENT

(71) **NIKE, INC.** [US/US]; One Bowerman Drive, Beaverton, OR 97005-6453 (US).
(only for / seulement pour JP KR)

(71) **NIKE INTERNATIONAL LTD.** [US/US]; One Bowerman Drive, Beaverton, OR 97005-6453 (US).
(for all designated States except / pour tous les États désignés sauf JP KR)

(72) **SWIGART, John, F.**; 17317 NW Countryridge Drive, Portland, OR 97229 (US).

(74) **NIEGOWSKI, James, A.** et al. / etc.; Banner & Witcoff, Ltd., 11th floor, 1001 G Street, N.W., Washington, DC 20001-4597 (US).

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

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

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(51)[7] **A43B 13/00**

(11) **WO 01/70062** (13) A2

(21) PCT/US01/08203

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/526,861 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FOOTWEAR BLADDER WITH CONTROLLED FLEX TENSILE MEMBER
• VESSIE DE CHAUSSURE AVEC ELEMENT DE TENSION A SOUPLESSE REGULEE

(71) **NIKE, INC.** [US/US]; One Bowerman Drive, Beaverton, OR 97005-6453 (US).
(only for / seulement pour JP KR)

(71) **NIKE INTERNATIONAL, LTD.** [US/US]; One Bowerman Drive, Beaverton, OR 97005-6453 (US).
(for all designated States except / pour tous les États désignés sauf JP KR)

(72) **SELL, James, C., Jr.**; 24512 NE Berlin, Battle Ground, WA 98604 (US). **SANTOS, Craig, E.**; 4033 NE 33nd Avenue, Portland, OR 97212 (US). **HERRIDGE, David, B.**; 514 Huber Drive, Mendota Heights, MN 55120 (US). **POTTER, Daniel, R.**; 1604 Birch Street, Forest Grove, OR 97116 (US).

(74) **NIEGOWSKI, James, A.** et al. / etc.; Banner & Witcoff, Ltd., 11th floor, 1001 G Street, N.W., Washington, DC 20001-4597 (US).

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

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

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(51)[7] **A43B 13/00**

(11) **WO 01/70063** (13) A2

(21) PCT/US01/08204

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/526,315 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FOOTWEAR HAVING A BLADDER WITH SUPPORT MEMBERS
• CHAUSSURE COMPRENANT UNE VESSIE AVEC ELEMENTS DE SUPPORT

(71) **NIKE, INC.** [US/US]; One Bowerman Drive, Beaverton, OR 97005-6453 (US).
(only for / seulement pour JP KR)

(71) **NIKE INTERNATIONAL LTD.** [US/US]; One Bowerman Drive, Beaverton, OR 97005-6453 (US).
(for all designated States except / pour tous les États désignés sauf JP KR)

(72) **SWIGART, John, F.**; 17317 NW Countryridge Drive, Portland, OR 97229 (US).

(74) **NIEGOWSKI, James, A.** et al. / etc.; Banner & Witcoff, Ltd., 11th floor, 1001 G Street, N.W., Washington, DC 20001-4597 (US).

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

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

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(51)[7] **A43B 13/00**

(11) **WO 01/70064** (13) A2

(21) PCT/US01/08205

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/526,863 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BLADDER WITH INVERTED EDGE SEAM AND METHOD OF MAKING THE BLADDER
• VESSIE A COUTURE BORD A BORD INVERSEE ET SON PROCEDE DE FABRICATION

(71) **NIKE, INC.** [US/US]; One Bowerman Drive, Beaverton, OR 97005-6453 (US).
(only for / seulement pour JP KR)

(71) **NIKE INTERNATIONAL LTD.** [US/US]; One Bowerman Drive, Beaverton, OR 97005-6453 (US).
(for all designated States except / pour tous les États désignés sauf JP KR)

(72) **TAWNEY, John, C.**; 2125 SW 111th Place, Portland, OR 97225 (US). **HERRIDGE, David, B.**; 514 Huber Drive, Mendota Heights, MN 55120 (US).

(74) **NIEGOWSKI, James, A.** et al. / etc.; Banner & Witcoff, Ltd., 11th floor, 1001 G Street, N.W., Washington, DC 20001-4597 (US).

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

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

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(51)[7] **A44B**

(11) **WO 01/70065** (13) A2

(21) PCT/US01/05516

(22) **22 Feb/fév 2001 (22.02.2001)**

(25) en (26) en

(30) 09/526,593 **16 Mar/mar 2000** US **(16.03.2000)**

(30) 09/572,606 **17 May/mai 2000** US **(17.05.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BELT SHORTENING DEVICE WITH L-SHAPED SPINDLE AND IMPROVED GUIDE TABS
• DISPOSITIF PERMETTANT DE RACCOURCIR UNE CEINTURE, COMPRENANT UN AXE EN FORME DE L ET DES PATTES DE GUIDAGE AMELIOREES

(71) **BERGER, Constance, F.** [US/US]; 7117 Pelican Bay Blvd., Apt. 804, Naples, FL 34108 (US).

(72) **BERGER, Russell**; 147 Tower Avenue, Needham, MA 02494 (US).

(74) **JOSEPHS, David, R.** et al. / etc.; Barlow, Josephs & Holmes, Ltd., 101 Dyer Street, Suite 501, Providence, RI 02903 (US).

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

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

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(51)[7] **A44B 1/30**

(11) **WO 01/70066** (13) A1

(21) PCT/HR01/00010

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) P20000151A **16 Mar/mar 2000** HR **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TWO-HEADED RAPE PROTECTION BUTTON
• BOUTON A DEUX TETES ANTI-VIOL

(71, 72) **KOLAKOVIC, Zlatko** [HR/HR]; Svetog Jakova 212, 47300 Ogulin (HR).

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

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

Published / Publiée : *(c)*

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(51)[7] **A44C 9/00, 17/02, 5/00**

(11) **WO 01/70067** (13) A1

(21) PCT/EP01/03167

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) VI2000A000048 **21 Mar/mar 2000** IT **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ORNAMENTAL ITEM IN THE SHAPE OF A RING WITH VARIABLE CONFIGURATION
• ARTICLE ORNEMENTAL SE PRESENTANT SOUS FORME D'ANNEAU A CONFIGURATION VARIABLE

(71) **EZIO GENERO SRL** [IT/IT]; Contra' San Marco, 52, I-36100 Vicenza (IT).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **GENERO, Ezio** [IT/IT]; Via Garibaldi, 18/d, I-36040 Grisignano di Zocco (IT).
(only for / seulement pour CA US)

(74) **BONINI, Ercole**; Studio Ing. E. Bonini SRL, Corso Fogazzaro, 8, I-36100 Vicenza (IT).

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

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

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

Published / Publiée : *(c)*

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(51)[7] **A44C 17/02, 9/00**

(11) **WO 01/70068** (13) A1

(21) PCT/IB01/00425

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) fr (26) fr

(30) 0533/00 **20 Mar/mar 2000** CH **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ORNAMENTAL PIECE WITH REMOVABLE PART
• PIECE ORNAMENTAL AVEC PARTIE AMOVIBLE

(71) **DE GRISOGONO SA** [CH/CH]; 59, rue du Rhône, CH-1204 Genève (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GRUOSI, Fawaz** [CH/CH]; Chemin de Trembley 30, CH-1197 Prangins (CH).

(74) **GRIFFES CONSULTING S.A.**; 81, route de Florissant, CH-1206 Genève (CH).

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

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

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(51)[7] **A45C 5/00**

(11) **WO 01/70069** (13) A1

(21) PCT/JP00/01740

(22) **22 Mar/mar 2000 (22.03.2000)**

(25) ja (26) ja

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BAG
• SAC

(71) **MEIJIGOSEI CO., LTD.** [JP/JP]; 140-5, Aza Shintakayachi, Sakuranome, Furukawa-shi, Miyagi 989-6233 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KATASE, Hiroshi** [JP/JP]; 6-33-301, Inaba 3-chome, Furukawa-shi, Miyagi 989-6135 (JP). **MIYAJIMA, Shingo** [JP/JP]; 21-33, Nakacho 4-chome, Urawa-shi, Saitama 336-0007 (JP). **ITO, Katsutoshi** [JP/JP]; 1-1-2-403, Aza Morishita, Shimoayashi, Aoba-ku, Sendai-shi, Miyagi 989-3125 (JP).

(74) **ASAMURA, Kiyoshi** et al. / etc.; Room 331, New Ohtemachi Bldg. 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).

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

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

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(51)[7] **A45D 26/00**

(11) **WO 01/70070** (13) A1

(21) PCT/SE01/00539

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) sv (26) en

(30) 0000898-7 **20 Mar/mar 2000** SE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEVICE FOR REMOVING HAIR
• DISPOSITIF PERMETTANT D'ARRACHER LES POILS

(71, 72) **MILANJAN, Soraya** [SE/SE]; Sätraängsvägen 2, S-182 36 Danderyd (SE).

(74) **ERIKSSON, Kjell**; Norrtelje Patentbyrå AB, P.O. Box 38, S-761 21 Norrtälje (SE).

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

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

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(51)[7] **A47C**

(11) **WO 01/70071** (13) A2

(21) PCT/NL01/00164

(22) **27 Feb/fév 2001 (27.02.2001)**

(25) en (26) en

(30) 09/517,228 **2 Mar/mar 2000** US **(02.03.2000)**

(30) 01200305.9 **26 Jan/jan 2001** EP **(26.01.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ADJUSTABLE CHAIR AND METHOD OF USE
• CHAISE REGLABLE ET SON PROCEDE D'UTILISATION

(71) **VERHEES, Godefridus, Josephus, Maria** [NL/NL]; Wevestraat 81, NL-5708 AE Helmond (NL).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **JONAS, Arnold, Paul** [US/NL]; Elzenhof 36, NL-5571 LA Bergeijk (NL).

(74) **VERHEES, Godefridus, Josephus, Maria**; Brabants Octrooibureau, De Pinckart 54, NL-5674 CC Nuenen (NL).

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

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

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(51)[7] **A47C 1/023**

(11) **WO 01/70072** (13) A1

(21) PCT/EP01/03067

(22) **17 Mar/mar 2001 (17.03.2001)**

(25) de (26) de

(30) 100 14 283.4 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SEAT
• SIEGE

(71) **RÖDER HAWORTH BÜRO-SITZMÖBEL GMBH** [DE/DE]; Blockdammweg 49/57, 10318 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KROB, Andreas** [DE/DE]; Dönhoffstrasse 24, 10318 Berlin (DE). **BRÜSKE, Joachim** [DE/DE]; Joachim-Friedrich-Strasse 5, 10711 Berlin (DE).

(74) **FLECK, Hermann-Josef**; Klingengasse 2, 71665 Vaihingen (DE).

(81) AU CA JP US.

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

Published / Publiée : *(c)*

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(51)[7] **A47C 1/024**

(11) **WO 01/70073** (13) A1

(21) PCT/US01/08245

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 60/190,389 **17 Mar/mar 2000** US **(17.03.2000)**

(30) Not furnished / non communiqué **15 Mar/mar 2001** US **(15.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TILT ASSEMBLY FOR A CHAIR
• ENSEMBLE BASCULEUR DESTINE A UNE CHAISE

(71) **HERMAN MILLER, INC.** [US/US]; MS 0440, 855 East Main Avenue, Zeeland, MI 49464-0302 (US).

(72) **INSALACO, Robert, Warren**; 415 Goldcrest Drive, Holland, MI 49424 (US). **NICOLAI, Neubert**; Tübingerstrasse 3, 10715 Berlin (DE). **PLIKAT, Claudia**; Bellermannstrasse 1, 13357 Berlin (DE).

SCHMITZ, J., Burkhard; Kanstrasse 57, 10627 Berlin (DE). **ZWICK, Carola, E., M.**; Kantstrasse 30, 10623 Berlin (DE). **ZWICK, Roland, R., O.**; Nehringstrasse 4a, 14059 Berlin (DE).

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

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

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

Published / Publiée : *(c)*

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(51)[7] **A47C 1/032, 1/023**

(11) **WO 01/70074** (13) A1

(21) PCT/CH01/00168

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) de (26) de

(30) 570/00 **24 Mar/mar 2000** CH **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SEAT AND BACKREST ASSEMBLY FOR SEATING, IN PARTICULAR OFFICE CHAIRS
• SYSTEME D'ASSISE ET DE DOSSIER POUR DES SIEGES, NOTAMMENT POUR DES CHAISES DE BUREAU

(71) **GIROFLEX-ENTWICKLUNGS-AG** [CH/CH]; Landstrasse 45, CH-5322 Koblenz (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ERNE, Anton** [CH/CH]; Unterdorfstrasse 306, CH-5324 Full (CH).

(74) **R.A. EGLI & CO.**; Horneggstrasse 4, Postfach, CH-8034 Zürich (CH).

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

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

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(51)[7] **A47C 7/46**

(11) **WO 01/70075** (13) A1

(21) PCT/EP01/03091

(22) **17 Mar/mar 2001 (17.03.2001)**

(25) de (26) de

(30) 100 14 164.1 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CHAIR PROVIDED WITH A HEIGHT-ADJUSTABLE BACKREST HAVING A LORDOTIC PART
• SIEGE A DOSSIER PRESENTANT UNE PIECE LORDOSIQUE REGLABLE EN HAUTEUR

(71) **HAWORTH BÜROEINRICHTUNGEN GMBH** [DE/DE]; Am Deisterbahnhof 6, 31848 Bad Münder (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KROB, Andreas** [DE/DE]; Dönhoffstrasse 24, 10318 Berlin (DE). **SEESCHAAF, Angelika** [DE/DE]; Stahlheimer Strasse 16, 10439 Berlin (DE).

(74) **FLECK, Hermann-Josef**; Klingengasse 2, 71665 Vaihingen (DE).

(81) AU CA JP US.

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

Published / Publiée : *(c)*

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(51)[7] **A47C 21/00, 31/00**

(11) **WO 01/70076** (13) A1

(21) PCT/NO01/00129

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) no (26) en

(30) 20001543 **24 Mar/mar 2000** NO **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COVER FOR FURNITURE
• ENVELOPPE POUR MEUBLE

(71) **EKORNES ASA** [NO/NO]; P.O. Box 23, N-6222 Ikornes (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RUGSET, Jakob** [NO/NO]; Hellesvingen 4, N-1900 Fetsund (NO).

(74) **OSLO PATENTKONTOR AS**; Postboks 7007 M, N-0306 Oslo (NO).

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

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

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(51)[7] **A47C 23/00, 23/06, 27/00**

(11) **WO 01/70077** (13) A1

(21) PCT/FR01/00002

(22) **2 Jan/jan 2001 (02.01.2001)**

(25) fr (26) fr

(30) 00/03567 **21 Mar/mar 2000** FR **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FOLDING BED CAPABLE OF BEING ROLLED UP AND VERTICALLY STORED IN A WRAPPING STRUCTURE WITH LITTLE SPACE REQUIREMENT
• LIT REPLIABLE SE ROULANT ET SE RANGEANT VERTICALEMENT DANS UNE STRUCTURE D'ENVELOPPEMENT AVEC UN ENCOMBREMENT REDUIT

(71, 72) **FRANCIUS, Muriel** [FR/FR]; 77, rue Albert, F-75013 Paris (FR).

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

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

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(51)[7] **A47C 23/04**

(11) **WO 01/70078** (13) A1

(21) PCT/US01/08224

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/528,594 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CONSTANT RESTORING FORCE SUPPORT SURFACE
• SURFACE DE SUPPORT A FORCE DE RAPPEL PERMANENTE

(71) **OFFSPRING, L.L.C.** [US/US]; 210 Bluff Drive, Belleville, IL 62223 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GRAEBE, Robert, H.** [US/US]; # 7 Persimmon Ridge Drive, Belleville, IL 62223 (US).

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

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

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

Published / Publiée : *(c)*

(51)[7] **A47G 19/22**

(11) **WO 01/70079** (13) A2

(21) PCT/US01/07726

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 60/189,832 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SPILL PROOF TRAINING CUP
• GOBELET INVERSABLE POUR JEUNE ENFANT

(71) **SAFETY 1ST, INC.** [US/US]; 45 Dan Road, Canton, MA 02021 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUSCO, Michael, T.** [US/US]; 12 Matthew Drive, Johnston, RI 02919 (US). **ST. PIERRE, William** [US/US]; 35 Dogwood Drive, Forestdale, MA 02644 (US).

(74) **GREENFIELD, George, L.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

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

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

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(51)[7] **A47G 19/34, 21/18, A23L 2/56, 2/60, A47J 31/40**

(11) **WO 01/70080** (13) A1

(21) PCT/AU01/00319

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) PQ 6417 **23 Mar/mar 2000** AU **(23.03.2000)**

(30) PQ 7955 **5 Jun/juin 2000** AU **(05.06.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LIQUID STIRRER AND PACKAGING MEANS
• AGITATEUR POUR LIQUIDES ET DISPOSITIF D'EMBALLAGE

(71) **AXIS PRODUCT DESIGN PTY. LTD.** [AU/AU]; 120 Fordham Avenue, Hartwell, VIC 3124 (AU). **ARCTEC SERVICES PTY. LTD.** [AU/AU]; 60 Alma Road, Panton Hill, VIC 3759 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CALKOEN, Guido** [AU/AU]; 120 Fordham Avenue, Hartwell, VIC 3124 (AU). **HARPER, Lee, Christopher** [AU/AU]; 60 Alma Road, Panton Hill, VIC 3759 (AU).

(74) **WATERMARK PATENT & TRADEMARK ATTORNEYS**; 290 Burwood Road, Hawthorn, VIC 3122 (AU).

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

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

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(51)[7] **A47G 21/00**

(11) **WO 01/70081** (13) A2

(21) PCT/US01/09177

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/528,943 **21 Mar/mar 2000** US **(21.03.2000)**

(30) 09/627,683 **28 Jul/juil 2000** US **(28.07.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FOOD CONTAINER FOR USE WITH CUP HOLDER AND A BLANK THEREFOR
• RECIPIENT ALIMENTAIRE DESTINE A ETRE UTILISE AVEC UN PORTE-GOBELET, ET EBAUCHE SERVANT A SA FABRICATION

(71) **ROCK-TENN COMPANY** [US/US]; 504 Thrasher Street, Norcross, GA 30071 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROCCAFORTE, Harry, I.** [US/US]; Apartment 1701, 2800 North Lake Shore Drive, Chicago, IL 60657 (US). **RAJTER, Robert, G., Jr.** [US/US]; 1800 Chattahoochee Run Drive, Suwanee, GA 30024-8367 (US).

(74) **VIKSNINS, Ann, S.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).

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

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

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(51)[7] **A47G 21/18**

(11) **WO 01/70082** (13) A1

(21) PCT/JP01/02213

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-82971 **23 Mar/mar 2000** JP **(23.03.2000)**

(30) 2000-210372 **11 Jul/juil 2000** JP **(11.07.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • STRAW TUBE, AND DEVICE AND METHOD FOR MANUFACTURING THE STRAW TUBE
• PAILLE, DISPOSITIF, ET PROCEDE DE FABRICATION DE LADITE PAILLE

(71) **SHOWA DENKO PLASTIC PRODUCTS CO., LTD.** [JP/JP]; 7-13, Shibakouen 1-chome, Minato-ku, Tokyo 105-8562 (JP).

(72) **HOSHI, Katsumasa**; 3073, Uruido, Hasuda-shi, Saitama 349-0133 (JP). **ISHIWATARI, Kiyokazu**; Showa Denko Plastic Products Co., Ltd., Kawasaki Research Laboratory, 3-2, Chidori-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0865 (JP). **SUYAMA, Minoru**; Showa Denko Plastic Products Co, Ltd., 7-13, Shibakouen 1-chome, Minato-ku, Tokyo 105-8562 (JP).

(74) **SHIGA, Masatake** et al. / etc.; OR Bldg., 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (JP).

(81) ID KR.

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

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(51)[7] **A47G 29/00, B32B 15/00, 15/18, B65D 69/00, G09F 3/18, 7/04**

(11) **WO 01/70083** (13) A1

(21) PCT/US01/40309

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/528,205 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • APPARATUS FOR DISPLAYING PAPER, FABRIC, PHOTOGRAPHS OR THE LIKE
• APPAREIL DE PRESENTATION DE PAPIER, D'ETOFFE, DE PHOTOGRAPHIES OU ANALOGUES

(71, 72) **LEVINE, Anna, L.** [US/US]; Apt. 15, 259 West Fourth Street, New York, NY 10014 (US). **WESTERGAARD, Kermit, S.** [US/US]; 220 Grand Street, 3rd Floor, Brooklyn, NY 11211 (US).

(74) **WHITE, John, P.**; Cooper & Dunahm LLP, 1185 Avenue of the Americas, New York, NY 10036 (US).

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

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

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(51)[7] **A47J**

(11) **WO 01/70084** (13) A2

(21) PCT/SI01/00008

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) P200000079 **23 Mar/mar 2000** SI **(23.03.2000)**

(30) 200000235 **19 Sep/sep 2000** SI **(19.09.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • THE MULTIFUNCTIONAL COMBINED APPARATUS FOR FOOD PREPARATION
• APPAREIL COMBINÉ MULTIFONCTIONS POUR PRÉPARATION ALIMENTAIRE

(71) **LEKIĆ, Mirjana** [SI/SI]; Trg Dušana Kveda 2, 2000 Maribor (SI). **CAVALLIERI, Alexander** [SI/SI]; Kardeljeva 81, 2000 Maribor (SI).

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

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

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(51)[7] **A47J 31/08**

(11) **WO 01/70085** (13) A1

(21) PCT/EP01/03199

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) de (26) de

(30) 100 13 700.8 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FILTER
• FILTRE

(71) **FREIE ERFINDUNGSKÜNSTLER GMBH** [DE/DE]; Neubrücker Strasse 37, 13465 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHÜTZE, Petra** [DE/DE]; Neubrücker Strasse 37, 13465 Berlin (DE). **SCHARMBERG, Nils** [DE/DE]; Räuschstrasse 70, 13509 Berlin (DE).

(74) **SCHNEIDER, Henry**; Friedrichstrasse 153 A, 10117 Berlin (DE).

(81) AU BR CA US.

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

Published / Publiée : *(c)*

Declaration / Déclaration :
(s) for all designations / pour toutes les désignations

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(51)[7] **A47J 37/01, A21B 3/13, A21D 13/00, 8/06, A21C 11/00**

(11) **WO 01/70086** (13) A1

(21) PCT/US00/10024

(22) **12 Apr/avr 2000 (12.04.2000)**

(25) en (26) en

(30) 09/527,802 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM FOR PRODUCING PAR-BAKED PIZZA CRUSTS
• SYSTEME DE PRODUCTION DE CROUTES A PIZZA SEMI-CUITES

(71) **PIZZA HUT, INC.** [US/US]; 14841 Dallas Parkway, 8th Floor, Dallas, TX 75240 (US).

(72) **SCANNEL, Stephen, C.**; 6262 Turner Way, Dallas, TX 75230 (US).

(74) **SHOWALTER, Barton, E.**; Baker Botts L.L.P., 2001 Ross Avenue, Dallas, TX 75201-2980 (US).

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

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

Published / Publiée : *(a)*

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(51)[7] **A47J 37/06, 27/62**

(11) **WO 01/70087** (13) A2

(21) PCT/CA01/00353

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/190,552 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 09/568,419 **10 May/mai 2000** US **(10.05.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR AUTOMATIC COOKING
• PROCEDE ET APPAREIL DE CUISSON AUTOMATIQUE

(63) US 09/568,419 (CIP)
10 May/mai 2000 (10.05.2000)

(71) **GLOBAL TV MARKETING INC.** [US/US]; 300 International Drive, Williamsville, NY 14221 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DROR, Joseph, Yoram** [CA/CA]; 25 Hashbury Place, Thornhill, Ontario L3T 7H4 (CA). **DROR, Ron, Ronen** [CA/CA]; 25 Hashbury Place, Thornhill, Ontario L3T 7H4 (CA).

(74) **HILL & SCHUMACHER**; Suite 802, 335 Bay Street, Toronto, Ontario M5H 2R3 (CA).

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

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

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(51)[7] **A47K 3/12**

(11) **WO 01/70088** (13) A1

(21) PCT/US01/07807

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 09/532,689 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TUB TRANSFER APPARATUS
• APPAREIL DE TRANSFERT POUR LA BAIGNOIRE

(71, 72) **LEOUTSAKOS, Thomas** [US/US]; 57 Lexington Street, Belmont, MA 02479 (US). **ANDERSON, Robert, M.** [US/US]; 2 Jacob Lovell Lane, Rockland, MA 02370 (US).

(74) **LANDO, Peter, C.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

(81) AU CA MX.

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

Published / Publiée : *(c)*

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(51)[7] **A47L 13/16**

(11) **WO 01/70089** (13) A1

(21) PCT/JP01/01961

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) ja (26) ja

(30) 2000-75810 **17 Mar/mar 2000** JP **(17.03.2000)**

(30) 2000-93629 **30 Mar/mar 2000** JP **(30.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • WIPER WITH EXCELLENT LINT-FREE PROPERTY
• CHIFFON NON-PELUCHEUX

(71) **KURARAY CO., LTD.** [JP/JP]; 1621, Sakazu, Kurashiki-shi, Okayama 710-0801 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TSUJIMOTO, Takuya** [JP/JP]; c/o Kuraray Co., Ltd., 1621, Sakazu, Kurashiki-shi, Okayama 710-0801 (JP). **FUJIWARA, Naoki** [JP/JP]; c/o Kuraray Co., Ltd., 1621, Sakazu, Kurashiki-shi, Okayama 710-0801 (JP). **MATSUDA, Kazuo** [JP/JP]; c/o Kuraray Co., Ltd., 1-2-1 Kaigandori, Okayama-shi, Okayama 702-8045 (JP). **TANIGUCHI, Junichi** [JP/JP]; c/o Kuraray Co., Ltd., 1-2-1 Kaigandori, Okayama-shi, Okayama 702-8045 (JP).

(74) **OHTANI, Tamotsu**; TOMOE-CHO ANNEX-II 4F, 8-27, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN ID KR SG US.

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

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(51)[7] **A61B**

(11) **WO 01/70090** (13) A2

(21) PCT/IL01/00266

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) PCT/IB00/00302 **20 Mar/mar 2000 (20.03.2000)** IB

(30) PCT/IB00/00310 **20 Mar/mar 2000 (20.03.2000)** IB

(30) PCT/IL00/00609 **28 Sep/sep 2000 (28.09.2000)** IL

(30) PCT/IL00/00611 **28 Sep/sep 2000 (28.09.2000)** IL

(30) PCT/IL01/00074 **25 Jan/jan 2001 (25.01.2001)** IL

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • GRAFT AND CONNECTOR DELIVERY
• MISE EN PLACE D'UNE GREFFE ET D'UN CONNECTEUR

(63) US PCT/IL01/0074 and (CIP) 25 Jan/jan 2001 (25.01.2001)

(71) **BY-PASS, INC.** [US/US]; 40 Ramland Road, Orangeburg, NY 10962 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LOSHAKOVE, Amir** [IL/IL]; P.O. Box 378, 60944 Moshav-Bazra (IL). **KILEMNIK, Ido** [IL/IL]; Nordau Street 35, 46585 Herzelia (IL). **FELD, Tanchum** [IL/IL]; Moshav Merhavia, 19105 D.N. Izrael (IL). **KEREN, Dvir** [IL/IL]; Harav Kook Street 31, 49315 Petach Tikva (IL). **KONSTANTINO, Eitan** [IL/IL]; Odem Street 1, 30900 Zichron Yaacov (IL).

(74) **FENSTER, Paul** et al. / etc.; Fenster & Company Patent Attorneys, Ltd., P.O. Box 10256, 49002 Petach Tikva (IL).

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

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

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(51)[7] **A61B**

(11) **WO 01/70091** (13) A2

(21) PCT/IL01/00267

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) PCT/IB00/00302 **20 Mar/mar 2000 (20.03.2000)** IB

(30) PCT/IB00/00310 **20 Mar/mar 2000 (20.03.2000)** IB

(30) PCT/IL00/00609 **28 Sep/sep 2000 (28.09.2000)** IL

(30) PCT/IL00/00611 **28 Sep/sep 2000 (28.09.2000)** IL

(30) 60/254,689 **11 Dec/déc 2000 (11.12.2000)** US

(30) PCT/IL01/00074 **25 Jan/jan 2001 (25.01.2001)** IL

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TRANSVASCULAR BYPASS METHOD AND SYSTEM
• PROCEDE ET SYSTEME DE PONTAGE TRANSVASCULAIRE

(63) US PCT/IL01/00074 and (CIP) 25 Jan/jan 2001 (25.01.2001)

(71) **BY-PASS, INC.** [US/US]; 40 Ramland Road, Orangeburg, NY 10962 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LOSHAKOVE, Amir** [IL/IL]; P.O. Box 378, 60944 Moshav-Bazra (IL). **NATIV, Ofer** [IL/IL]; 11 Hamaayan Street, 75210 Rishon-Lezion (IL). **KILEMNIK, Ido** [IL/IL]; 35 Nordau Street, 46585 Herzelia (IL). **FELD, Tanchum** [IL/IL]; Moshav Merhavia, 19105 D.N. Izrael (IL). **YADIN, Amnon** [IL/IL]; Kibbutz Lehavot Haviva, 38835 D.N. Emek Hefer (IL).

(74) **FENSTER, Paul** et al. / etc.; Fenster and Company Patent Attorneys Ltd., P.O. Box 10256, 49002 Petach Tikva (IL).

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

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

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(51)[7] **A61B**

(11) **WO 01/70092** (13) A2

(21) PCT/US01/08505

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/532,601 **22 Mar/mar 2000 (22.03.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CPR MASK WITH COMPRESSION TIMING METRONOME AND METHODS
• MASQUE DE REANIMATION CARDIOPULMONAIRE COMPORTANT UN METRONOME DE SYNCHRONISATION DE COMPRESSION ET PROCEDES

(71) **CPRX LLC** [US/US]; 4330 Upton Avenue South, Minneapolis, MN 55410 (US).

(72) **LURIE, Keith, G.**; 4751 Girard Avenue South, Minneapolis, MN 55409 (US). **ZIELINSKI, Todd, M.**; 48 27th Avenue S.E. #203, Minneapolis, MN 55414 (US). **SCHARENBROICH, Gene**; 1660 Wild Ridge Court S., Newport, MN 55055 (US).

(74) **GIBBY, Darin, J.** et al. / etc.; Townsend and Townsend and Crew LLP, 1200 Seventeenth Street, Suite 2700, Denver, CO 8022 (US).

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

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

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(51)[7] **A61B**

(11) **WO 01/70093** (13) A2

(21) PCT/US01/08718

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/527,283 **17 Mar/mar 2000 (17.03.2000)** US

(30) 09/777,151 **5 Feb/fév 2001 (05.02.2001)** US

(30) 09/780,269 **9 Feb/fév 2001 (09.02.2001)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AGENTS AND METHODS FOR THE PREVENTION OF INITIAL ONSET OF CANCERS, THE TREATMENT OF CANCERS, AND THE RECURRENCE OF EXISTING CANCERS
• AGENTS ET PROCEDES CONÇUS POUR LA PREVENTION DES PREMIERS SIGNES DE CANCERS, LE TRAITEMENT DE CANCERS ET LA RECURRENCE DE CANCERS EXISTANTS

(63) US 09/527,283 (CIP) 17 Mar/mar 2000 (17.03.2000)
US 09/777,151 (CIP) 5 Feb/fév 2001 (05.02.2001)
US 09/780,269 (CIP) 9 Feb/fév 2001 (09.02.2001)

(71) **ONCOLOGY SCIENCES CORPORATION** [US/US]; 1250 Capital of Texas Highway South, Austin, TX 78746 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SLAGA, Tom** [US/US]; 1600 Pierce Street, Lakewood, CO 80214 (US). **KUMAR, Addanki** [IN/US]; 1600 Pierce Street, Lakewood, CO 80214 (US). **ALWORTH, William** [US/US]; c/o P.O. Box 161391, Austin, TX 78716 (US).

(74) **HENRY, David, G.**; 700 Texas Center, P.O. Box 1470, Waco, TX 76703-1470 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

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

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

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(51)[7] **A61B**

(11) **WO 01/70094** (13) A2

(21) PCT/US01/08982

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/531,114 **20 Mar/mar 2000 (20.03.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CHRONIC PATIENT MANAGEMENT SYSTEM
• SYSTEME DE GESTION DE MALADES CHRONIQUES

(71) **THE OHIO STATE UNIVERSITY** [US/US]; 1960 Kenny Road, Columbus, OH 43210-1063 (US).

(72) **FERGUSON, Ronald, M.**; 4322 Brick Court, Gahanna, OH 43230 (US). **SNEDDON, Jeffrey, M.**; 8320 Trails End Drive, Dublin, OH 43016 (US). **UMBERG, Russell, J.**; 8257 Autumn Lane, West Chester, OH 45069 (US).

(74) **GILCREST, Roger, A.** et al. / etc.; Standley & Gilcrest LLP, Suite 210, 495 Metro Place South, Dublin, OH 43017 (US).

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

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

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(51)[7] **A61B**

(11) **WO 01/70095** (13) A2

(21) PCT/US01/09217

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,511 **23 Mar/mar 2000 (23.03.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMPOSITIONS AND METHODS OF DIAGNOSING, MONITORING, STAGING, IMAGING AND TREATING PROSTATE CANCER
• COMPOSITIONS ET METHODES POUR DIAGNOSTIQUER, CONTROLER, DETERMINER LE STADE, PRESENTER EN IMAGE ET TRAITER UN CANCER DE LA PROSTATE

(71) **DIADEXUS, INC.** [US/US]; 3303 Octavius Drive, Santa Clara, CA 95054 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALI, Shujath** [IN/US]; 3475 Granada Avenue, #357, Santa Clara, CA 95051 (US). **RECIPON, Herve** [FR/US]; 85 Fortuna Avenue, San Francisco, CA 94115 (US). **HU, Ping** [US/US]; 108 Palmer Street, San Ramon, CA 94583 (US). **CAFFERKEY, Robert** [IE/US]; 350 Elan Village Lane, Apartment 218, San Jose, CA 95134 (US).

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

(81) AU CA JP US.

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

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(51)[7] **A61B 1/01, 1/31**

(11) **WO 01/70096** (13) A1

(21) PCT/IE01/00038

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 2000/0225 **23 Mar/mar 2000 (23.03.2000)** IE

(30) 2000/0559 **11 Jul/juil 2000 (11.07.2000)** IE

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AN INSERTION DEVICE FOR AN ENDOSCOPE
• DISPOSITIF D'INSERTION POUR ENDOSCOPE

(71) **ATROPOS LIMITED** [IE/IE]; Unit 4, Sunnybank Centre, Bray, County Wicklow (IE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BUTLER, John** [IE/IE]; 16 Holly Park, Blackrock, County Dublin (IE). **BRENNAN, Edmund** [IE/IE]; 14 The Willows, Monkstown Valley, County Dublin (IE). **BONADIO, Frank** [US/IE]; 2 Martello Terrace, Bray, County Dublin (IE). **BUCKLEY, Declan** [IE/IE]; 38 Greenpark Meadows, Mullingar, County Westmeath (IE). **GILL, Aoibheann** [IE/IE]; Rathcline, Lanesboro, County Longford (IE). **YOUNG, Derek, William** [IE/IE]; 3 Cloister Way, Carysfort Avenue, Blackrock, County Dublin (IE). **REID, Alan** [IE/IE]; 7 Kincora Drive, Clontarf, Dublin 3 (IE).

(74) **O'BRIEN, John, A.** et al. / etc.; c/o John A O'Brien & Associates, Third Floor, Duncairn House, 14 Carysfort Avenue, Blackrock, County Dublin (IE).

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

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

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(51)[7] **A61B 1/01, 1/31**

(11) **WO 01/70097** (13) A1

(21) PCT/IE01/00039

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 2000/0225 **23 Mar/mar 2000 (23.03.2000)** IE

(30) 2000/0559 **11 Jul/juil 2000 (11.07.2000)** IE

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AN INSERTION DEVICE FOR AN ENDOSCOPE
• DISPOSITIF D'INSERTION POUR ENDOSCOPE

(71) **ATROPOS LIMITED** [IE/IE]; Unit 4, Sunnybank Centre, Bray, County Wicklow (IE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BUTLER, John** [IE/IE]; 16 Holly Park, Blackrock, County Dublin (IE).

(74) **O'BRIEN, John, A.** et al. / etc.; c/o John A O'Brien & Associates, Third Floor, Duncairn House, 14 Carysfort Avenue, Blackrock, County Dublin (IE).

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

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

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(51)[7] **A61B 3/00**

(11) **WO 01/70098** (13) A2

(21) PCT/US01/08427

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,687 **20 Mar/mar 2000 (20.03.2000)** US

(30) 09/795,912 **28 Feb/fév 2001 (28.02.2001)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR DETERMINATION OF A PROPERLY SIZED POSTERIOR CHAMBER PHAKIC REFRACTIVE LENS
• PROCEDE DE DETERMINATION D'UNE LENTILLE REFRACTIVE PHAKIQUE DE CHAMBRE POSTERIEURE DE DIMENSION ADEQUATE

(71) **MEDENNIUM, INC.** [US/US]; 15350 Barranca Parkway, Irvine, CA 92618 (US).

(72) **ZHOU, Stephen, Q.**; 11 Suncreek, Irvine, CA 92618 (US). **ROZAKIS, George, W.**; 25730 Lorain Road, North Olmsted, OH 44070 (US).

(74) **GOLDSTEIN, Steven, J.** et al. / etc.; Frost Brown Todd LLC, 2200 PNC Center, 201 East Fifth Street, Cincinnati, OH 45202 (US).

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

SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

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(51)[7] **A61B 3/00**

(11) **WO 01/70099** (13) A2

(21) PCT/US01/09089

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/534,095 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ACQUISITION OF MULTIPLE EYE TOPOGRAPHY EXAMS
• EXAMENS TOPOGRAPHIQUES MULTIPLES DE LA VUE

(71) **BAUSCH & LOMB SURGICAL, INC.** [US/US]; 555 West Arrow Highway, Claremont, CA 91711 (US).

(72) **BROADUS, Charles, R.**; 16332 110th Avenue NE, Bothell, WA 98011 (US).

(74) **SMITH, Michael, L.** et al. / etc.; Bausch & Lomb Incorporated, One Bausch & Lomb Place, Rochester, NY 14604-2701 (US).

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

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

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(51)[7] **A61B 5/00**

(11) **WO 01/70100** (13) A2

(21) PCT/EP01/02996

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/534,143 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • REMOTE MEDICAL IMAGING SYSTEM DIAGNOSTICS
• DIAGNOSTICS ELOIGNES DE SYSTEMES D'IMAGERIE MEDICALE

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

(72) **GRELLMANN, Reinhold, G.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **MCCABE, Daniel, M.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **LOTTIN, Claudine**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP.

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

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(51)[7] **A61B 5/00**

(11) **WO 01/70101** (13) A2

(21) PCT/IL01/00261

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 135240 **23 Mar/mar 2000** IL **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PORTABLE ECG SIGNALING DEVICE
• DISPOSITIF DE SIGNALISATION D'ECG PORTATIF

(71) **SHL TELEMEDICINE INTERNATIONAL LTD.** [IL/IL]; Beith Ashdar, 90 Yigal Alon Street, 67891 Tel-Aviv (IL). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ALROY, Yoram** [IL/IL]; Yigal Alon Street 90, 67891 Tel Aviv (IL). **REINHOLD, Herbert** [US/US]; 569 Broadwater Road, Arnold, MD 21012 (US).

(74) **REINHOLD COHN AND PARTNERS**; P.O. Box 4060, 61040 Tel-Aviv (IL).

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

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

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(51)[7] **A61B 5/00**

(11) **WO 01/70102** (13) A2

(21) PCT/US01/08237

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/528,750 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METED HYPERPOLARIZED NOBLE GAS DISPENSING METHODS AND ASSOCIATED DEVICES
• PROCEDES DE DIFFUSION DE GAZ NOBLE HYPERPOLARISE MESURE ET DISPOSITIFS ASSOCIES

(71) **MEDI-PHYSICS, INC.** [US/US]; 101 Carnegie Center, Princeton, NJ 08540 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HASSON, Kenton, C.** [US/US]; 50 D Barclay Place Court, Charlottesville, VA 22901 (US). **BOGORAD, Paul, L.** [US/US]; 28-31 44th Street, 2nd Floor, New York, NY 11103 (US). **ZOLLINGER, David, L.** [US/US]; 45 Dartmouth Street, #1, Belmont, MA 02478 (US). **ZOLLINGER, Geri, T., K.** [US/US]; 45 Dartmouth Street, #1, Belmont, MA 02478 (US).

(74) **MYERS BIGEL SIBLEY & SAJOVEC, P.A.**; P.O. Box 37428, Raleigh, NC 27627 (US).

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

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

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(51)[7] **A61B 5/00**

(11) **WO 01/70103** (13) A2

(21) PCT/US01/08570

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,272 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HEART FAILURE MONITOR QUICK LOOK SUMMARY FOR PATIENT MANAGEMENT SYSTEMS
• INSUFFISANCE CARDIAQUE : RECAPITULATIF INSTANTANE DE SURVEILLANCE POUR SYSTEMES DE GESTION DES PATIENTS

(71) **MEDTRONIC, INC.** [US/US]; 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

(72) **WEBB, James, D.**; 8138 Ranier Lane, Maple Grove, MN 55311 (US). **BENNETT, Thomas, D.**; 700 Pinewood Drive, Shoreview, MN 55126 (US).

(74) **WOLDE-MICHAEL, Girma** et al. / etc.; Medtronic, Inc. LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

(81) CA JP.

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

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(51)[7] **A61B 5/00**

(11) **WO 01/70104** (13) A2

(21) PCT/US01/08731

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/532,478 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR DIAGNOSIS AND TREATMENT OF ARRHYTHMIAS
• PROCEDE ET APPAREIL PERMETTANT DE DIAGNOSTIQUER ET DE TRAITER LES ARYTHMIES

(71) **MEDTRONIC, INC.** [US/US]; 710 Medtronic Parkway NE, Minneapolis, MN 55432 (US).

(72) **STADLER, Robert, W.**; 339 Oakwood Drive, Shoreview, MN 55126 (US).

(74) **WOLDE-MICHAEL, Girma** et al. / etc.; Medtronic, Inc., LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

(81) CA JP.

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

(51)[7] **A61B 5/00**

(11) **WO 01/70105** (13) A2

(21) PCT/YU01/00005

(22) **5 Mar/mar 2001 (05.03.2001)**

(25) en (26) en

(30) P-171/00 **22 Mar/mar 2000** YU **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND SYSTEM FOR ECG RECORDING VIA TELEPHONE
• PROCEDE ET SYSTEME D'ENREGISTREMENT D'UN ELECTROCARDIOGRAMME PAR TELEPHONE

(71, 72) **BOJOVIC, BoŠko** [YU/YU]; Beogradska 51, YU-11000 Beograd (YU).

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

Declarations / Déclarations :
(u) for / pour US only / seulement; (u) for / pour US only / seulement

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(51)[7] **A61B 5/0245, 5/022**

(11) **WO 01/70106** (13) A1

(21) PCT/JP01/02326

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-81558 **23 Mar/mar 2000** JP **(23.03.2000)**

(30) 2000-206711 **7 Jul/juil 2000** JP **(07.07.2000)**

(30) 2000-355930 **22 Nov/nov 2000** JP **(22.11.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BIOLOGICAL INFORMATION RATING DEVICE
• DISPOSITIF D'EVALUATION D'INFORMATIONS BIOLOGIQUES

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).

(72) **AMANO, Kazuhiko**; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).

(74) **INOUE, Hajime** et al. / etc.; 2nd Floor, Ogikubo TM Bldg., 26-13, Ogikubo 5-chome, Suginami-ku, Tokyo 167-0051 (JP).

(81) JP.

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

Published / Publiée : *(b)*

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(51)[7] **A61B 5/04**

(11) **WO 01/70107** (13) A1

(21) PCT/US01/40282

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 60/189,227 **14 Mar/mar 2000** US **(14.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TIME-FREQUENCY METHOD FOR DETECTING SPIKE ACTIVITY OF THE STOMACH
• PROCEDE UTILISANT DES REPRESENTATIONS TEMPS-FREQUENCE, DESTINE A LA DETECTION DE VARIATIONS BRUSQUES DE L'ACTIVITE DE L'ESTOMAC

(71) **DREXEL UNIVERSITY** [US/US]; 245 N. 15th Street, Mail Stop 444, Philadelphia, PA 19102-1192 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AKIN, Ata** [—/US]; Apt. #1115, 1801 Buttonwood Street, Philadelphia, PA 19130 (US). **SUN, Hun, H.** [—/US]; 939 Hedgerow Court, Blue Bell, PA 19422 (US).

(74) **SICKLES, Louis** et al. / etc.; Akin, Gump, Strauss, Hauer & Feld, LLP, 22nd floor, One Commerce Square, 2005 Market Street, Philadelphia, PA 19103-7986 (US).

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

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

Published / Publiée : *(c)*

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(51)[7] **A61B 5/0448**

(11) **WO 01/70108** (13) A1

(21) PCT/US01/08942

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/533,259 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FETAL SPIRAL ELECTRODE SLEEVE AND WIRE INTERCONNECT SYSTEM
• GAINE D'ELECTRODE FOETALE SPIRALEE ET SYSTEME D'INTERCONNEXION DE FILS

(71) **THE LUDLOW COMPANY LP** [US/US]; Two Ludlow Park Drive, Chicopee, MA 01022 (US).

(72) **DOWD, Edward**; R.R. #2, Mallorytown, Ontario K0E 1R0 (CA). **GRAUMANN, Robert, J.**; 59 Briarwood Road, West Hartford, CT 06107 (US). **HAUG, Brian, E.**; 8228 SE 8th Avenue, Portland, OR 97202 (US). **MCINTIRE, James, F.**; 4027 Imperial Drive, West Linn, OR 97068 (US). **O'NEILL, Joseph, T.**; 10 Limeridge Drive, Kingston, Ontario K7K 6M3 (CA).

(74) **CASEY, Kevin, R.** et al. / etc.; Ratner & Prestia, One Westlakes (Berwyn), Suite 301, P.O. Box 980, Valley Forge, PA 19482-0980 (US).

(81) IL NO ZA.

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

Published / Publiée : *(c)*

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(51)[7] **A61B 5/055, G01R 33/28, 33/38**

(11) **WO 01/70109** (13) A1

(21) PCT/GB01/01268

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 0007018.5 **22 Mar/mar 2000** GB **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MAGNETIC RESONANCE IMAGING APPARATUS AND METHOD
• APPAREIL ET PROCEDE D'IMAGERIE PAR RESONANCE MAGNETIQUE

(71) **SPECIALTY MAGNETICS LIMITED** [GB/GB]; 5 Islip Manor Road, Northolt, Middlesex UB5 5DY (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AKGUN, Ali** [GB/GB]; 5 Islip Manor Road, Northolt, Middlesex UB5 5DY (GB).

(74) **COLLINS, John, David**; Marks & Clerk, 57-60 Lincoln Inn Fields, London WC2A 3LS (GB).

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

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

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(51)[7] **A61B 5/12, H04R 25/00, A61F 11/00**

(11) **WO 01/70110** (13) A1

(21) PCT/AU01/00332

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) PQ 6451 **24 Mar/mar 2000** AU **(24.03.2000)**

(30) PR 1486 **14 Nov/nov 2000** AU **(14.11.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR TREATING TINNITUS
• PROCEDE ET DISPOSITIF DE TRAITEMENT DU TINNITUS

(71, 72) **FRANZ, Burkhard, K., H., G.** [AU/AU]; 230 Mountain Highway, Wantirna, VIC 3152 (AU).

(74) **PHILLIPS ORMONDE & FITZPATRICK**; 367 Collins Street, Melbourne, VIC 3000 (AU).

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

SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

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(51)[7] **A61B 6/00**

(11) **WO 01/70111** (13) A2

(21) PCT/US01/09041

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/532,339 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DIGITAL HIGH RESOLUTION X-RAY IMAGING UTILIZING AN IMAGING SENSOR
• DISPOSITIF D'IMAGERIE NUMERIQUE AUX RAYONS X HAUTE RESOLUTION UTILISANT UN CAPTEUR D'IMAGES

(71) **WUESTEC MEDICAL, INC.** [US/US]; 5600 Commerce Park Boulevard East, Mobile, AL 36619 (US).

(72) **HULL, Richard**; 47 Parkview Crescent, Calmer, Alberta T0C 0V0 (CA). **CURATU, Eugene**; 1942 Kimberwicke Circle, Oviedo, FL 32765 (US). **PLUMMER, Jack**; 32180 Calle Resaca, Temecula, CA 92592 (US).

(74) **TANNENBAUM, David, H.** et al. / etc.; Fulbright & Jaworski L.L.P., Suite 2800, 2200 Ross Avenue, Dallas, TX 75201 (US).

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

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

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(51)[7] **A61B 8/00, 8/12, 8/14, 5/02, 17/20, 17/22, A61N 1/30, A61H 1/00, 1/02, 5/00**

(11) **WO 01/70112** (13) A1

(21) PCT/US01/09019

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/531,037 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HIGH OUTPUT THERAPEUTIC ULTRASOUND TRANSDUCER
• TRANSDUCTEUR A ULTRASONS THERAPEUTIQUE A HAUT RENDEMENT

(71) **PHARMASONICS, INC.** [US/US]; 1024 Morse Avenue, Sunnyvale, CA 94089 (US).

(72) **MCKENZIE, John**; 1742 Eaton Avenue, San Carlos, CA 94070 (US). **KARRATT, Joseph**; 380 Vallejo Drive, Apt. 223, Millbrae, CA 94070 (US). **CORL, Paul, D.**; 3883 El Centro Street, Palo Alto, CA 94306 (US).

(74) **HECKADON, David, R.** et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

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

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

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(51)[7] **A61B 10/00**

(11) **WO 01/70113** (13) A1

(21) PCT/JP00/01788

(22) **23 Mar/mar 2000 (23.03.2000)**

(25) ja (26) ja

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DIAGNOSIS DEVICE AND TREATMENT DEVICE
• DISPOSITIF DE DIAGNOSTIC ET DISPOSITIF DE TRAITEMENT

(71, 72) **SAKAMOTO, Noriyasu** [JP/JP]; 38-15, Doshida 2-chome, Nerima-ku, Tokyo 179-0076 (JP).

(74) **MINE, Tadao**; 7F., KF-Building, 5-19, Takadanobaba 1-chome, Shinjyuku-ku, Tokyo 169-0075 (JP).

(81) AU CA CH CN DE DK GB JP KR RU SE SG US.

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

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(51)[7] **A61B 10/00, 18/14, 17/00**

(11) **WO 01/70114** (13) A1

(21) PCT/US01/08438

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/527,906 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LUNG TREATMENT APPARATUS
• APPAREIL DESTINE AU TRAITEMENT DU POUMON

(71) **RITA MEDICAL SYSTEMS INC.** [US/US]; 967 North Shoreline Blvd, Mountain View, CA 94043 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BALBIERZ, Daniel** [US/US]; 973 Cambridge Drive, Redwood City, CA 94061 (US). **EDWARDS, Stuart** [US/US]; 658 Westridge Drive, Portola Valley, CA 94028 (US).

(74) **HARRIS, Joel**; Rita Medical Systems, 967 Shoreline Blvd, Mountain View, CA 94043 (US).

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

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

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(51)[7] **A61B 17/00**

(11) **WO 01/70115** (13) A2

(21) PCT/EP01/02983

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/534,713 **24 Mar/mar 2000** US **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • APPARATUS FOR POSITIONING A DIAGNOSTIC OR THERAPEUTIC ELEMENT WITHIN THE BODY AND TIP ELECTRODE FOR USE WITH SAME
• APPAREIL CONÇU POUR POSITIONNER UN ELEMENT DE DIAGNOSTIC OU THERAPEUTIQUE A L'INTERIEUR DU CORPS ET ELECTRODE D'EXTREMITE ASSOCIEE

(71) **BOSTON SCIENTIFIC LIMITED** [IE/BB]; Financial Services Centre, P.O. Box 111, Bishop's Court Hill, St. Michael (BB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOBLISH, Josef, V.** [US/US]; 1055 Manet Drive, Sunnyvale, CA 94087 (US). **SWANSON, David, K.** [US/US]; 1458 Ridgeley Drive, Campbell, CA 94040 (US).

(74) **VIERING, JENTSCHURE & PARTNER**; Postfach 22 14 43, 80504 Munich (DE).

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

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

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(51)[7] **A61B 17/00, 17/04**

(11) **WO 01/70116** (13) A1

(21) PCT/US01/08892

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/532,049 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A SPLINT ASSEMBLY FOR IMPROVING CARDIAC FUNCTION IN HEARTS, AND METHOD FOR IMPLANTING THE SPLINT ASSEMBLY
• ENSEMBLE ATTELLE DESTINE A AMELIORER LA FONCTION CARDIAQUE DU COEUR, ET PROCEDE D'IMPLANTATION DE CET ENSEMBLE

(71) **MYOCOR, INC.** [US/US]; Suite 212, 14505 21st Avenue North, Plymouth, MN 55447 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VIDLUND, Robert, M.** [US/US]; 1811 Kennard Street, Maplewood, MN 55109 (US). **PAULSON, Thomas, M.** [US/US]; 4949 Upton Avenue South, Minneapolis, MN 55410 (US). **MORTIER, Todd, J.** [US/US]; 3008 Colfax Avenue South, Minneapolis, MN 55408 (US). **SCHWEICH, Cyril, J., Jr.** [US/US]; 1685 Hillcrest Avenue, St. Paul, MN 55116 (US). **LAPLANTE, Jeffrey, P.** [US/US]; 4530 Logan Avenue North, Minneapolis, MN 55412 (US). **KUSZ, David, A.** [US/US]; 3229 39th Avenue South, Minneapolis, MN 55406 (US). **SCHROEDER, Richard, F.** [US/US]; 5497 East Danube Road NE, Fridley, MN 55432 (US).

(74) **GARRETT, Arthur, S.** et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).

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

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

Published / Publiée : *(c)*

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(51)[7] **A61B 17/00, 19/00**

(11) **WO 01/70117** (13) A2

(21) PCT/US01/09535

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,610 **23 Mar/mar 2000 (23.03.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PRESSURE SENSOR FOR THERAPEUTIC DELIVERY DEVICE AND METHOD
• CAPTEUR DE PRESSION POUR DISPOSITIF D'ADMINISTRATION THERAPEUTIQUE ET PROCEDE CORRESPONDANT

(71) **MICROHEART, INC.** [US/US]; 2634 Bayshore Parkway, Mountain View, CA 94043 (US).

(72) **TOM, Curtis, P.**; 1300 Hoover Street, Apartment 4, Menlo Park, CA 94025 (US).

(74) **DEHLINGER, Peter, J.** et al. / etc.; Iota Pi Law Group, P.O. Box 60850, Palo Alto, CA 94306-0850 (US).

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

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(51)[7] **A61B 17/04, A61F 2/06**

(11) **WO 01/70118** (13) A1

(21) PCT/IL01/00069

(22) **24 Jan/jan 2001 (24.01.2001)**

(25) en (26) en

(30) PCT/IB00/00310 **20 Mar/mar 2000 (20.03.2000)** IB

(30) PCT/IL00/00609 **28 Sep/sep 2000 (28.09.2000)** IL

(30) 60/254,689 **11 Dec/déc 2000 (11.12.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • GRAFT DELIVERY SYSTEM
• SYSTEME DE POSE DE GREFFON

(63) US PCT/IL00/00609 and (CIP) 28 Sep/sep 2000 (28.09.2000)

(71) **BY-PASS, INC.** [US/US]; 40 Ramland Road, Orangeburg, NY 10962 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LOSHAKOVE, Amir** [IL/IL]; P.O. Box 378, 60944 Moshav-Bazra (IL). **KILEMNIK, Ido** [IL/IL]; 35 Nordau Street, 46585 Herzelia (IL). **NATIV, Ofer** [IL/IL]; 11 Hamaayan Street, 75210 Rishon-Lezion (IL).

(74) **FENSTER, Paul** et al. / etc.; Fenster and Company Patent Attorneys LTD., P.O. Box 10256, 49002 Petach Tikva (IL).

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

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

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(51)[7] **A61B 17/04**

(11) **WO 01/70119** (13) A1

(21) PCT/IL01/00074

(22) **25 Jan/jan 2001 (25.01.2001)**

(25) en (26) en

(30) PCT/IB00/00310 **20 Mar/mar 2000 (20.03.2000)** IB

(30) PCT/IL00/00609 **28 Sep/sep 2000 (28.09.2000)** IL

(30) PCT/IL00/00611 **28 Sep/sep 2000 (28.09.2000)** IL

(30) 60/254,689 **11 Dec/déc 2000 (11.12.2000)** US

(30) PCT/IL01/00069 **24 Jan/jan 2001 (24.01.2001)** IL

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AN ANASTOMOTIC CONNECTOR AND GRAFT EXPANDER FOR MOUNTING A GRAFT
• CONNECTEUR ANASTOMOTIQUE ET ELARGISSEUR DE GREFFON POUR LE MONTAGE DUDIT GREFFON

(63) US PCT/IL01/00069 and (CIP) 24 Jan/jan 2001 (24.01.2001)

(71) **BY-PASS, INC.** [US/US]; 40 Ramland Road, Orangeburg, NY 10962 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LOSHAKOVE, Amir** [IL/IL]; P.O. Box 378, 60944 Moshav-Bazra (IL). **KILEMNIK, Ido** [IL/IL]; Nordau Street 35, 46585 Herzelia (IL). **FELD, Tanchum** [IL/IL]; Moshav Merhavia, 19105 D.N. Izrael (IL). **KONSTANTINO, Eitan** [IL/IL]; Odem Street 1, 30900 Zichron Yaacov (IL).

(74) **FENSTER, Paul** et al. / etc.; Fenster & Company Patent Attorneys, LTD., P.O. Box 10256, 49002 Petach Tikva (IL).

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

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

Published / Publiée : *(c)*

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(51)[7] **A61B 17/56**

(11) **WO 01/70120** (13) A2

(21) PCT/BA01/00002

(22) **14 Feb/fév 2001 (14.02.2001)**

(25) en (26) en

(30) BAP00557A **23 Mar/mar 2000 (23.03.2000)** BA

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DYNAMIC ANTI-ROTATIVE PLATE
• PLAQUE ANTI-ROTATION DYNAMIQUE

(71, 72) **TORLAK, Fahrudin** [BA/BA]; Kralja Tvrtka bb., 80101 Livno (BA).

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

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

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(51)[7] **A61B 17/56**

(11) **WO 01/70121** (13) A2

(21) PCT/BA01/00003

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) BAP00556A **21 Mar/mar 2000** BA **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMBINED SEAL WITH ROTARY AND UNMOVED RINGS
• DISPOSITIF D'ETANCHEITE COMBINEE COMPORTANT DES JOINTS ROTATIFS ET FIXES

(71, 72) **STOJICIC, Tode** [BA/BA]; Gradacacka 50, 71000 Sarajevo (BA).

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

Published / Publiée : *(n)*

Declarations / Déclarations :
(r) for all designations except / pour toutes les désignations sauf US; (r) for the following designation / pour la désignation suivante : US
(s) for all designations except / pour toutes les désignations sauf US
(u) for / pour US only / seulement
(v) for all designations / pour toutes les désignations

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(51)[7] **A61B 17/58**

(11) **WO 01/70122** (13) A1

(21) PCT/CH01/00152

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) en (26) en

(30) 09/534,346 **24 Mar/mar 2000** US **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SURGICAL CABLE CRIMP
• SERTISSAGE DE CABLE CHIRURGICAL

(71) **SYNTHES AG CHUR** [CH/CH]; Grabenstrasse 15, CH-7002 Chur (CH).
(for all designated States except / pour tous les États désignés sauf CA US)

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

(72, 75) **LANGE, Eric** [US/US]; 2457 Calkins Road, Germantown, TN 38139 (US). **LINTELL-SMITH, Michael, Paul** [US/US]; 305 E. Johnson Highway, East Norriton, PA 19401 (US).

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

(81) BR CA CO JP MX US.

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

Published / Publiée : *(c)*

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(51)[7] **A61B 18/02**

(11) **WO 01/70123** (13) A1

(21) PCT/GB01/01288

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 0007135.7 **23 Mar/mar 2000** GB **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • REFRIGERATION INSTRUMENT AND SYSTEM
• DISPOSITIF ET SYSTÈME DE RÉFRIGÉRATION

(71) **SPEMBLY MEDICAL LIMITED** [GB/GB]; Newbury Road, Andover, Hampshire SP10 4DR (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SPARKES, Patrick** [GB/GB]; Spembly Medical Limited, Newbury Road, Andover, Hampshire SP10 4DR (GB). **COLEMAN, Richard** [GB/GB]; 44 Roman Road, Salisbury, Wiltshire SP2 9BJ (GB).

(74) **PRICE, Paul, Anthony, King** et al. / etc.; D. Young & Co, 21 New Fetter Lane, London EC4A 1DA (GB).

(81) JP US.

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

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(51)[7] **A61C 3/06**

(11) **WO 01/70124** (13) A1

(21) PCT/US01/05819

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,102 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 60/197,939 **17 Apr/avr 2000** US **(17.04.2000)**

(30) 60/197,603 **18 Apr/avr 2000** US **(18.04.2000)**

(30) 60/251,569 **7 Dec/déc 2000** US **(07.12.2000)**

(30) 60/266,483 **6 Feb/fév 2001** US **(06.02.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEVICE FOR REMOVING TOOTH STAIN
• DISPOSITIF D'ENLEVEMENT DE COLORATION DENTAIRE

(71, 72) **ANTLER, Steven, M.** [US/US]; 6 Shields Lane, Darien, CT 06820 (US).

(74) **DE LEON, Josefino, P.**; Shlesinger, Arkwright & Garvey LLP, 3000 South Eads Street, Arlington, VA 22202 (US).

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

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

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(51)[7] **A61C 5/08**

(11) **WO 01/70125** (13) A1

(21) PCT/US01/08094

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 60/190,127 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • QUADRANT AND ANTERIOR DENTAL SHELLS AND METHOD OF MAKING A MULTI-TOOTH CROWN OR BRIDGE
• COQUILLES DENTALES ANTERIEURE ET D'HEMI-ARCADE ET PROCEDE DE FABRICATION D'UNE COURONNE OU D'UN PONT MULTI-DENTAIRE

(71) **FLEXIBLE DIMENSIONS, LLC.** [US/US]; Suite B100, 895 Country Club Road, Eugene, OR 97401 (US).

(72) **WORTHINGTON, Mark, L.**; 2563 Cal Young Road, Eugene, OR 97401 (US).

(74) **JOHNSON, Alexander, C., Jr.** et al. / etc.; Marger Johnson & McCollom, P.C., 1030 S.W. Morrison Street, Portland, OR 97205 (US).

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

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

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(51)[7] **A61C 7/00, A61F 5/058**

(11) **WO 01/70126** (13) A2

(21) PCT/GB01/01302

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/533,892 **22 Mar/mar 2000** US **(22.03.2000)**

(30) 09/559,792 **27 Apr/avr 2000** US **(27.04.2000)**

(30) 09/648,086 **25 Aug/août 2000** US **(25.08.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MANDIBULAR ADVANCER AND METHOD OF INSTALLING THE SAME
• SYSTEME D'AVANCE MANDIBULAIRE ET SON PROCEDE D'INSTALLATION

(71, 72) **CLARK, William, John** [GB/GB]; Lundin Lea, Leven Road, Lundin Links, Fife KY8 6AJ (GB).

(74) **PRICE, Paul, Anthony, King** et al. / etc.; D. Young & Co, 21 New Fetter Lane, London EC4A 1DA (GB).

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

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

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

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(51)[7] **A61C 8/00**

(11) **WO 01/70127** (13) A1

(21) PCT/SE01/00627

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 0001022-3 **23 Mar/mar 2000** SE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ARRANGEMENT COMPRISING A SPACER ELEMENT FOR AN IMPLANT, SUCH A SPACER ELEMENT, AND A SCREWDRIVER FOR FASTENING THE SPACER ELEMENT
• SYSTEME COMPRENANT UN ELEMENT D'ESPACEMENT DESTINE A UN IMPLANT, TEL QU'UN ELEMENT D'ESPACEMENT ET UN TOURNEVIS POUR FIXER L'ELEMENT D'ESPACEMENT

(71) **NOBEL BIOCARE AB (publ)** [SE/SE]; Box 5190, S-402 26 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BJÖRN, Göran** [SE/SE]; Anåsbergsvägen 11, S-439 34 Onsala (SE). **JÖRNEUS, Lars** [SE/SE]; Riabergsvägen 7B, S-430 30 Frillesås (SE).

(74) **OLSSON, Gunnar**; Nobel Biocare AB (publ), Box 5190, S-402 26 Göteborg (SE).

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

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

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(51)[7] **A61C 13/00, A61K 6/06**

(11) **WO 01/70128** (13) A1

(21) PCT/DK01/00197

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) da (26) en

(30) PA 2000 00486 **22 Mar/mar 2000** DK **(22.03.2000)**

(30) PA 2000 00571 **5 Apr/avr 2000** DK **(05.04.2000)**

(30) PA 2000 00769 **9 May/mai 2000** DK **(09.05.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DENTAL BRIDGE ASSEMBLY AND BINDING AGENTS THEREFOR
• ASSEMBLAGE DE PONT DENTAIRE ET LIANTS ASSOCIES

(71) **K L APS** [DK/DK]; Åboulevarden 47, DK-8000 Århus C (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NIELSEN, Lise-Lotte, Kjærulff** [DK/DK]; Tjørneagervej 17, DK-8220 Brabrand (DK).

(74) **K. SKØTT-JENSEN PATENTINGENIØRER A/S**; Lemmingvej 225, DK-8361 Hasselager (DK).

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

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

Published / Publiée : *(c)*

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(51)[7] **A61F**

(11) **WO 01/70129** (13) A2

(21) PCT/US01/07537

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) en (26) en

(30) 09/527,319 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SCREW ANCHORED JOINT PROSTHESIS
• PROTHESE D'ARTICULATION A ANCRAGE PAR VIS

(71, 72) **TEPIC, Slobodan** [CH/CH]; Rigistrasse 27 B, CH-8006 Zürich (CH). **HODGE, W., Andrew** [US/US]; 8260 Native Dancer Road East, Palm Beach Gardens, FL 33418 (US).

(74) **POISSANT, Brian, M.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

(81) CA CN JP.

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

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(51)[7] **A61F**

(11) **WO 01/70130** (13) A2

(21) PCT/US01/09192

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/190,967 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMPOSITIONS DERIVED FROM MODIOLUS MODIOLUS AND METHODS FOR MAKING AND USING SAME
• COMPOSITIONS OBTENUES A PARTIR DE MODIOLUS MODIOLUS ET METHODES DE PRODUCTION ET D'UTILISATION DESDITES COMPOSITIONS

(71) **CREIGHTON UNIVERSITY** [US/US]; Suite 1609, 601 North 30th Street, Omaha, NE 68131 (US). **SFS, INC.** [US/US]; P.O. Box 172, Sunset, ME 04683 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ADRIAN, Thomas, E.** [US/US]; 12442 Rose Lane, Omaha, NE 68154 (US). **COLLIN, Peter, D.** [US/US]; P.O. Box 172, Sunset, ME 04683 (US).

(74) **ROGALSKYJ, Peter** et al. / etc.; Braman & Rogalskyj, LLP, P.O. Box 352, Canandaigua, NY 14424-0352 (US).

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

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

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(51)[7] **A61F 2/00, 2/02**

(11) **WO 01/70131** (13) A1

(21) PCT/DE01/01065

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) de (26) de

(30) 100 13 519.6 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • IMPLANTABLE SPHINCTER PROSTHESIS
• PROTHESE DE SPHINCTER POUVANT ETRE IMPLANTEE

(71) **ADEVA - MEDICAL GESELLSCHAFT FÜR ENTWICKLUNG UND VERTRIEB VON MEDIZINISCHEN IMPLANTAT-ARTIKELN MBH** [DE/DE]; Grapengiesserstrasse 21, 23556 Lübeck (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GRUNDEI, Hans** [DE/DE]; Hamburger Strasse 89, 23558 Lübeck (DE). **MÜNDER, Ulrich** [DE/DE]; Schönböckener Strasse 23, 23556 Lübeck (DE).

(74) **WILCKEN, Thomas** et al. / etc.; Bei der Lohmühle 23, 23554 Lübeck (DE).

(81) JP US.

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

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(51)[7] **A61F 2/00, A61L 27/24, A61K 9/50**

(11) **WO 01/70132** (13) A2

(21) PCT/US01/08406

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/528,990 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INJECTABLE AND SWELLABLE MICROSPHERES FOR DERMAL AUGMENTATION
• MICROSPHERES INJECTABLES ET GONFLABLES CONÇUES POUR UNE AUGMENTATION DERMIQUE

(71) **BIOSPHERE MEDICAL, INC.** [US/US]; 1050 Hingham Street, Rockland, MA 02370 (US).

(72) **VOGEL, Jean-Marie**; 64 Cobleigh Road, Boxborough, MA 01719 (US). **BOSCHETTI, Egisto**; 9, allée du Bois, F-78290 Gougenot (FR).

(74) **LAWRENCE, Stanton, T., III** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

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

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

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(51)[7] **A61F 2/06, A61B 17/32, A61M 25/06**

(11) **WO 01/70133** (13) A2

(21) PCT/EP01/03104

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 0000900-1 **20 Mar/mar 2000** SE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND SYSTEM FOR BYPASSING AN ARTERY BLOCK
• PROCEDE ET SYSTEME SERVANT A EFFECTUER UN PONTAGE ARTERIEL

(71, 72) **SOLEM, Jan, Otto** [NO/CH]; Wallenruttistrasse 14, CH-8234 Stetten (CH).

(74) **BERGLUND, Gustav, Arthur**; Awapatent AB, Box 5117, S-200 71 Malmö (SE).

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

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

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(51)[7] **A61F 2/06**

(11) **WO 01/70134** (13) A2

(21) PCT/US01/40295

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 09/527,720 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • STENT DELIVERY CATHETER WITH BUMPERS FOR IMPROVED RETENTION OF BALLOON EXPANDABLE STENTS
• CATHETER DE DISTRIBUTION DE STENT A TAMPON PERMETTANT DE RETENIR DES STENTS A BALLONNET EXPANSIBLES DE MANIERE AMELIOREE

(71) **ADVANCED CARDIOVASCULAR SYSTEMS, INC.** [US/US]; 3200 Lakeside Drive, Santa Clara, CA 95054-2807 (US).

(72) **STACK, Richard, S.**; 106 Alder Place, Chapel Hill, NC 27514 (US). **CHING, Denise**; 55 Lester Avenue #8, San Jose, CA 95125 (US).

(74) **HANKE, Gunther, O.** et al. / etc.; Fulwider Patton Lee & Utecht, LLP, Howard Hughes Center, Tenth floor, 6060 Center Drive, Los Angeles, CA 90045 (US).

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

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

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(51)[7] **A61F 2/08**

(11) **WO 01/70135** (13) A2

(21) PCT/US01/08124

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 09/526,960 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SHEATHS FOR IMPLANTABLE FIXATION DEVICES
• GAINES POUR DISPOSITIFS DE FIXATION IMPLANTABLES

(71) **SMITH & NEPHEW, INC.** [US/US]; 1450 Brooks Road, Memphis, TN 38116 (US).

(72) **BOJARSKI, Raymond**; 32 Colleans Way, Attleboro, MA 02703 (US). **TORRIE, Paul, Alexander**; 8 Bowden Street, Marblehead, MA 01945 (US). **HARVIE, Fraser**; 33 Loch Striven, St. Leonards, East Kilbridge (GB). **EK, Steven**; 49 Powder Hill, Bolton, MA 01740 (US).

(74) **PETROW, Joel** et al. / etc.; Smith & Nephew, Inc., 1450 Brooks Road, Memphis, TN 38116 (US).

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

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

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(51)[7] **A61F 2/28**

(11) **WO 01/70136** (13) A2

(21) PCT/US01/09270

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,099 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PLUGS FOR FILLING BONY DEFECTS
• BOUCHONS PERMETTANT DE COMBLER DES MALFORMATIONS OSSEUSES

(71) **SYNTHES (U.S.A)** [US/US]; 1690 Russell Road, Paoli, PA 19301-1222 (US).
(only for / seulement pour CA)

(71) **SYNTHES AG CHUR** [CH/CH]; Grabenstrasse 15, CH-7002 Chur (CH).
(for all designated States except / pour tous les États désignés sauf CA US)

(72, 75) **BOYER, Michael, L., II** [US/US]; 1708 East Lancaster Avenue, Paoli, PA 19301 (US). **PAUL, David, C.** [IN/US]; 405 Greene Lane, Phoenixville, PA 19460 (US). **HIGGINS, Thomas, B.** [US/US]; 447 Coldstream Drive, Berwyn, PA 19312 (US). **ANGELUCCI, Christopher, M.** [US/US]; 809 Summit Avenue, Schwenksville, PA 19473 (US). **MESSERLI, Dominique, D.** [CH/US]; 300 Anglesey Terrace, West Chester, PA 19380 (US). **KOBAYASHI, Kenneth, I.** [US/US]; 321 Carlisle Court, Exton, PA 19341 (US).

(74) **POISSANT, Brian, M.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

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

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

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(51)[7] **A61F 2/28**

(11) **WO 01/70137** (13) A2

(21) PCT/US01/09273

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,099 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MULTIPIECE IMPLANTS FORMED OF BONE MATERIAL
• IMPLANTS CONSTITUES DE PLUSIEURS ELEMENTS FORMES A PARTIR DE MATIERE OSSEUSE

(71) **SYNTHES (U.S.A)** [US/US]; 1690 Russell Road, Paoli, PA 19301-1222 (US).
(only for / seulement pour CA)

(71) **SYNTHES AG CHUR** [CH/CH]; Grabenstrasse 15, CH-7002 Chur (CH).
(for all designated States except / pour tous les États désignés sauf CA US)

(72, 75) **BOYER, Michael, L., II** [US/US]; 1708 East Lancaster Avenue, Paoli, PA 19301 (US). **PAUL, David, C.** [IN/US]; 405 Greene Lane, Phoenixville, PA 19460 (US). **HIGGINS, Thomas, B.** [US/US]; 447 Coldstream Drive, Berwyn, PA 19312 (US).

(74) **POISSANT, Brian, M.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

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

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

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(51)[7] **A61F 2/30 // 2/42**

(11) **WO 01/70138** (13) A1

(21) PCT/SE01/00615

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) sv (26) en

(30) 0001024-9 **23 Mar/mar 2000** SE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • JOINT SURFACE REPLACEMENT OF THE DISTAL RADIOULNAR JOINT
• REMPLACEMENT DE SURFACE D'ARTICULATION DE L'ARTICULATION RADIO-CUBITALE DISTALE

(71) **PHILIPPE KOPYLOV AB** [SE/SE]; Fredsgatan 4 B, S-222 20 Lund (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOPYLOV, Philippe** [SE/SE]; Fredsgatan 4 B, S-222 20 Lund (SE). **TÄGIL, Magnus** [SE/SE]; Rörläggarvägen 4, S-227 30 Lund (SE).

(74) **MAGNUSSON, Gustav** et al. / etc.; L A Groth & Co I Malmö HB, P.O. Box 6153, S-200 11 Malmö (SE).

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

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

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(51)[7] **A61F 2/30**

(11) **WO 01/70139** (13) A2

(21) PCT/US01/09269

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,099 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SKELETAL RECONSTRUCTION CAGES
• CAGES DE RECONSTRUCTION OSSEUSE

(71) **SYNTHES (U.S.A)** [US/US]; 1690 Russell Road, Paoli, PA 19301-1222 (US).
(only for / seulement pour CA)

(71) **SYNTHES AG CHUR** [CH/CH]; Grabenstrasse 8, CH-7002 Chur (CH).
(for all designated States except / pour tous les États désignés sauf CA US)

(72, 75) **BOYER, Michael, L., II** [US/US]; 1708 East Lancaster Avenue, Paoli, PA 19301 (US). **PAUL, David, C.** [IN/US]; 405 Greene Lane, Phoenixville, PA 19460 (US). **HIGGINS, Thomas, B.** [US/US]; 447 Coldstream Drive, Berwyn, PA 19312 (US). **ANGELUCCI, Christopher, M.** [US/US]; 809 Summit Avenue, Schwenksville, PA 19473 (US).

(74) **POISSANT, Brian, M.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

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

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

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(51)[7] **A61F 2/32**

(11) **WO 01/70140** (13) A2

(21) PCT/US01/08312

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/527,180 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LOCKING HIP PROSTHESIS
• PROTHESE DE BLOCAGE DE HANCHE

(71) **HAMMILL MANUFACTURING CO.** [US/US]; 1517 Coining Drive, Toledo, OH 43612 (US).

(72) **DOUBLER, Robert, L.**; 83530 Ida West Rd., Ida, MI 48140 (US). **HAMMILL, John, E.**; 290 Riverside, Rossford, OH 43460 (US).

(74) **SLAVIN, Michael**; McHale & Slavin, P.A., 4440 PGA Blvd., Suite 402, Palm Beach Gardens, FL 33410 (US).

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

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

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(51)[7] **A61F 2/34**

(11) **WO 01/70141** (13) A1

(21) PCT/FR00/00688

(22) **20 Mar/mar 2000 (20.03.2000)**

(25) fr (26) fr

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ANCHORING ACETABULAR CUP
• CALOTTE D'ANCRAGE ACETABULAIRE

(71) **ORTHO - I.D. SARL** [FR/FR]; 13, rue de la Viabert, F-69006 Lyon (FR).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **BONNARD, Olivier** [FR/FR]; 21, rue Duquesne, F-69330 Meyzieu (FR). **BAUCHU, Philippe** [FR/FR]; 4, rue Clotilde Bizolon, F-69002 Lyon (FR). **CYPRES, Alain** [FR/FR]; 36, Place des Promenades, F-42300 Roanne (FR). **FIQUET, Arnaud** [FR/FR]; 4, rue Montée des Lilas, F-69300 Caluire (FR). **GIRARDIN, Philippe** [FR/FR]; Puy Money, F-42600 Lezigneux (FR). **NOYER, Daniel** [FR/FR]; Hameau le Fourgeon, F-38200 Luzinay (FR).

(72, 75) **MOULIN, Jean** [FR/FR]; 13, rue de la Viabert, F-69006 Lyon (FR).

(74) **CABINET MAISONNIER**; 26 Place de Bellecour, F-69002 Lyon (FR).

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

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

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(51)[7] **A61F 2/38**

(11) **WO 01/70142** (13) A1

(21) PCT/US01/08706

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/528,128 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A CUSTOM REPLACEMENT DEVICE FOR RESURFACING A FEMUR AND METHOD OF MAKING THE SAME
• PROTHESE PERSONNALISEE PERMETTANT DE RESURFACER LA SURFACE ARTICULAIRE D'UN FEMUR, ET SON PROCEDE D'ELABORATION

(71) **KINAMED, INC.** [US/US]; 2192-C Anchor Court, Newbury Park, CA 91320-1603 (US).

(72) **CARIGNAN, Roger**; 47 S. Santa Rosa, Ventura, CA 93001 (US). **PRATT, Clyde, R.**; 5898 La Cumbre Road, Somis, CA 93066 (US).

(74) **DARROW, Christopher**; Oppenheimer Wolff & Donnelly LLP, 2029 Century Park East, Suite 3800, Los Angeles, CA 90067-3024 (US).

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

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

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(51)[7] **A61F 2/38**

(11) **WO 01/70143** (13) A1

(21) PCT/US01/09038

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/190,793 **21 Mar/mar 2000** US **(21.03.2000)**

(30) 60/191,954 **24 Mar/mar 2000** US **(24.03.2000)**

(30) 09/810,803 **15 Mar/mar 2001** US **(15.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PATELLAR BEARING IMPLANT
• IMPLANT DE SUPPORT ROTULIEN

(71, 72) **MERCHANT, Alan, C.** [—/US]; 124 Marvin Avenue, Los Altos, CA 94022 (US).

(74) **TEST, Aldo, J.** et al. / etc.; Flehr Hohbach Test Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111-4187 (US).

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

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

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(51)[7] **A61F 2/44**

(11) **WO 01/70144** (13) A1

(21) PCT/CH01/00179

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) de (26) de

(30) 542/00 **22 Mar/mar 2000** CH **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CAGE-TYPE INTERVERTEBRAL IMPLANT
• IMPLANT INTERVERTEBRAL DE TYPE CAGE

(71) **SCOLIO GMBH** [CH/CH]; Technoparkstrasse 1, CH-8005 Zürich (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MORET, Olivier** [CH/CH]; Chemin des Amandiers 49, CH-1950 Sion (CH).

(74) **DILTEC AG**; Technoparkstrasse 1, CH-8005 Zürich (CH).

(81) AE AU BG BR CA CN CZ HU IL IN JP KR LK MX NO NZ PL RO SG US ZA.

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

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(51)[7] **A61F 2/44**

(11) **WO 01/70145** (13) A1

(21) PCT/US01/08995

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/531,847 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR SPINAL FIXATION
• PROCEDE ET APPAREIL DE FIXATION VERTEBRALE

(71) **ELECTRO-BIOLOGY, INC.** [US/US]; 100 Interpace Parkway, P.O. Box 346, Parsippany, NJ 07054-0346 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STRNAD, Lee, A.** [US/US]; 89 Lynn Drive, Andover, NJ 07821 (US). **BAILEY, Kirk, J.** [US/US]; 33 Wards Road, Blairstown, NJ 07825 (US).

(74) **FOSS, Stephen, J.** et al. / etc.; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).

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

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

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(51)[7] **A61F 2/46, B01F 13/00**

(11) **WO 01/70146** (13) A2

(21) PCT/EP01/02042

(22) **23 Feb/fév 2001 (23.02.2001)**

(25) de (26) de

(30) 200 03 676.9 **28 Feb/fév 2000** DE **(28.02.2000)**

(30) 200 05 333.7 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PREPARATION AND APPLICATION DEVICE FOR IMPLANT MATERIALS
• DISPOSITIF DE PREPARATION ET D'APPLICATION DE MATERIAUX D'IMPLANT

(71) **CORIPHARM MEDIZINPRODUKTE GMBH & CO. KG** [DE/DE]; Lagerstrasse 11-15, 64807 Dieburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WAHLIG, Helmut** [DE/DE]; Römheldweg 16, 64287 Darmstadt (DE). **DINGELDEIN, Elvira** [DE/DE]; Am Spitzenpfad 16, 63303 Dreieich (DE). **SATTIG, Christoph** [DE/DE]; Ringstrasse 13, 64807 Dieburg (DE). **WÜST, Edgar** [DE/DE]; Schulstrasse 53, 63110 Rodgau (DE).

(74) **ZENZ, Joachim, Klaus** et al. / etc.; Scheuergasse 24, 64673 Zwingenberg (DE).

(81) JP US.

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

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(51)[7] **A61F 2/64**

(11) **WO 01/70147** (13) A2

(21) PCT/US01/09152

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/534,274 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • VACUUM PUMP AND SHOCK ABSORBER FOR ARTIFICIAL LIMB
• POMPE A VIDE ET AMORTISSEUR POUR MEMBRE ARTIFICIEL

(71) **CASPERS-SCHNEIDER TECHNOLOGIES, INC., D/B/A TEC INTERFACE SYSTEMS** [US/US]; 820 Sundial Drive, Waite Park, MN 56387 (US).

(72) **CASPERS, Carl, A.**; 33346 Shorewood Drive, Avon, MN 56310 (US).

(74) **HELGET, Gerald, E.**; Rider, Bennett, Egan & Arundel, 333 S. Seventh Street, Suite 2000, Minneapolis, MN 55402 (US).

(81) AU CA JP.

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

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(51)[7] **A61F 5/01**

(11) **WO 01/70148** (13) A1

(21) PCT/NL01/00226

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) nl (26) en

(30) 1014695 **20 Mar/mar 2000** NL **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • WRIST BRACE
• SYSTEME DE MAINTIEN DU POIGNET

(71) **ORTLINT B.V.** [NL/NL]; Abr. Bloemaerthoek 14, NL-4907 RD Oosterhout (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DE LINT, Jan, Andries** [NL/NL]; Abr. Bloemaerthoek 14, NL-4907 RD Oosterhout (NL).

(74) **PRINS, A., W.**; Vereenigde, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).

(81) US.

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

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(51)[7] **A61F 5/01**

(11) **WO 01/70149** (13) A1

(21) PCT/NL01/00236

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) nl (26) en

(30) 1014732 **23 Mar/mar 2000** NL **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • GRAVITY OPERATED LOCKING HINGE
• CHARNIERE DE VERROUILLAGE ACTIONNEE PAR GRAVITE

(71) **BANDAGE- EN CORSETINDUSTRIE BASKO B.V.** [NL/NL]; P.O. Box 8359, NL-1005 AJ Amsterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NIJENBANNING, Gert** [NL/NL]; Bolskamp 41, NL-7576 GJ Oldenzaal (NL). **GOUDSMIT, Josephus, Anton** [NL/NL]; Bakboord 9, NL-1316 VA Almere Stad (NL).

(74) **JORRITSMA, Ruurd**; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

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

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

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(51)[7] **A61F 5/41, A61H 19/00**

(11) **WO 01/70150** (13) A1

(21) PCT/NO01/00037

(22) **1 Feb/fév 2001 (01.02.2001)**

(25) no (26) en

(30) 20001333 **14 Mar/mar 2000** NO **(14.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ERECTION AID
• AIDE A L'ERECTION

(71) **MEDITRON AS** [NO/NO]; Leangbukta 40, N-1392 Vettre (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ORTEN, Birger** [NO/NO]; Ramsvika 31, N-6012 Ålesund (NO).

(74) **BRYN & AARFLOT AS**; P.O. Box 449 Sentrum, N-0104 Oslo (NO).

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

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

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(51)[7] **A61F 7/00**

(11) **WO 01/70151** (13) A1

(21) PCT/US01/05629

(22) **22 Feb/fév 2001 (22.02.2001)**

(25) en (26) en

(30) 09/532,327 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR CONTROLLING THE CHEMICAL AND HEAT INDUCED RESPONSES OF COLLAGENOUS MATERIALS
• METHODE PERMETTANT DE REGULER LA REPONSE DES SUBSTANCES COLLAGENES A UNE INDUCTION CHIMIQUE OU THERMIQUE

(71) **MICHIGAN STATE UNIVERSITY** [US/US]; 238 Administration Building, East Lansing, MI 48824 (US).

(72) **AKSAN, Alptekin**; 1105-D University Village, East Lansing, MI 48823 (US). **McGRATH, John, J.**; 211 W. Spring Meadows Lane, DeWitt, MI 48820 (US).

(74) **McLEOD, Ian, C.**; 2190 Commons Parkway, Okemos, MI 48864 (US).

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

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

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(51)[7] **A61F 9/007**

(11) **WO 01/70152** (13) A1

(21) PCT/AU01/00322

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) PQ 6444 **23 Mar/mar 2000** AU **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AN ASPIRATION FLOW MODULATION DEVICE
• DISPOSITIF DE MODULATION DE DEBIT D'ASPIRATION

(71, 72) **BARRETT, Graham, David** [AU/AU]; 56 Dampier Avenue, City Beach, W.A. 6015 (AU).

(74) **LORD, Kelvin, Ernest**; Lord & Company, 4 Douro Place, West Perth, W.A. 6005 (AU).

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

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

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(51)[7] **A61F 13/00**

(11) **WO 01/70153** (13) A1

(21) PCT/EP01/02600

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) de (26) de

(30) 100 14 557.4 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • WOUND DRESSING WITH A REDUCED ACCRETION TENDENCY
• PANSEMENT POUR PLAIE A TENDANCE REDUITE A L'ADHERENCE

(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) **BERTHOLD, Achim** [DE/DE]; Erfurter Strasse 1, 56626 Andernach (DE). **MÜLLER, Walter** [DE/DE]; Engerser Strasse 56, 56564 Neuwied (DE).

(74) **FLACCUS, Rolf-Dieter**; Bussardweg 10, 50389 Wesseling (DE).

(81) BR CN JP KR US.

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

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(51)[7] **A61F 13/00, A01N 37/44, A61K 9/14**

(11) **WO 01/70154** (13) A1

(21) PCT/US01/08978

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/531,856 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEVICE AND METHOD FOR TREATING URINARY INCONTINENCE IN FEMALES
• DISPOSITIF ET PROCEDE DE TRAITEMENT DE L'INCONTINENCE URINAIRE CHEZ LES FEMMES

(71) **FEI TECHNOLOGIES, INC.** [US/US]; 825 Wurlitzer Drive, North Tonawanda, NY 14120 (US).

(72) **MAHASHABDE, Anu**; 13 Village Road, Kendall Park, NJ 08824 (US). **KAY, Martha, Francine**; 65 Lawrenceville-Pennington Road, Lawrenceville, NJ 08648 (US). **KOELMEL, Donald, F.**; 56 Blane Court, Asbury, NJ 08802 (US).

(74) **MCNEES, W, Scott** et al. / etc.; Gibbons, Del Deo, Dolan, Griffinger & Vecchione, 1 Riverfront Plaza, Newark, NJ 07102-5497 (US).

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

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

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(51)[7] **A61F 13/15, 13/56, 13/493, 13/496**

(11) **WO 01/70155** (13) A1

(21) PCT/US01/08473

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/527,776 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A PRE-FASTENED ADJUSTABLE MECHANICAL FASTENER GARMENT
• VETEMENT A SERRAGE MECANIQUE REGLABLE PRE-SERRE

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

(72) **HUANG, Yung, Hsiang**; 2420 W. Seneca Drive, Appleton, WI 54914 (US). **ROESSLER, Thomas, Harold**; 1034 Greendale Court, Menasha, WI 54952 (US). **TRAVIS, Gary, Lee**; 149 Brockway Avenue, Oshkosh, WI 54902 (US). **VANGOMPEL, Paul, Theodore**; W9029 School Road, Hortonville, WI 54944 (US).

(74) **DUDKOWSKI, Alyssa, A.** et al. / etc.; Kimberly-Clark Worldwide, Inc., 401 N. Lake Street, Neenah, WI 54956 (US).

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

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

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(51)[7] **A61F 13/15**

(11) **WO 01/70156** (13) A1

(21) PCT/US01/08758

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 00105381.8 **21 Mar/mar 2000** EP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A DIAPERING SYSTEM: DIAPER AND INTEGRAL COLLECTOR
• ENSEMBLE COUCHE: COUCHE ET RECUPERATEUR INCORPORE

(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) **D'ACCHIOLI, Vincenzo** [IT/JP]; #301 Paramount Rokko, Shinohara Kitamachi 3-14-12, Nada-ku, Kobe 657-0068 (JP). **PALUMBO, Gianfranco** [IT/DE]; Muhlstrasse 23, D-65760 Eschborn (DE).

(74) **THE PROCTER & GAMBLE COMPANY**; c/o Reed T., David,, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

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

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

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(51)[7] **A61F 13/15**

(11) **WO 01/70157** (13) A1

(21) PCT/US01/08759

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 00105380.0 **21 Mar/mar 2000** EP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MULTIPLE COMPONENT INCONTINENCE CARE SYSTEM
• SYSTEME A COMPOSANTS MULTIPLES POUR L'INCONTINENCE

(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) **D'ACCHIOLI, Vincenzo** [IT/JP]; #301 Paramount Rokko, Shinohara Kitamachi 3-14-12, Nada-ku, Kobe 657-0068 (JP). **PALUMBO, Gianfranco** [IT/DE]; Mühlstrasse 23, 65760 Eschborn (DE).

(74) **THE PROCTER & GAMBLE COMPANY**; c/o REED, David, T., 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

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

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

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(51)[7] **A61F 13/534**

(11) **WO 01/70158** (13) A1

(21) PCT/US01/09372

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,870 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 09/569,380 **11 May/mai 2000** US **(11.05.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ABSORBENT COMPOSITE HAVING SURFACE DRYNESS
• MATERIAU COMPOSITE ABSORBANT A SECHERESSE SUPERFICIELLE

(63) US 09/569,380 (CIP)
11 May/mai 2000 (11.05.2000)
US 09/326,213 (CIP)
4 Jun/juin 1999 (04.06.1999)
US 09/141,152 (CIP)
27 Aug/août 1998 (27.08.1998)

(71) **WEYERHAEUSER COMPANY** [US/US]; 33663 Weyerhaeuser Way South, Federal Way, WA 98003 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GRAEF, Peter, A.** [US/US]; 2312 Manorwood Drive SE, Puyallup, WA 98374 (US). **GRANT, Terry, M.** [US/US]; 33671 - 130th Avenue S.E., Auburn, WA 98092 (US). **MARSH, David, G.** [US/US]; 30527 - 28th Avenue S., Federal Way, WA 98003 (US).

(74) **RENZONI, George, E.**; Christensen O'Connor Johnson Kindness PLLC, Suite 2800, 1420 Fifth Avenue, Seattle, WA 98101 (US).

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

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

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

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(51)[7] **A61F 13/58**

(11) **WO 01/70159** (13) A1

(21) PCT/SE01/00513

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) sv (26) en

(30) 0000937-3 **21 Mar/mar 2000** SE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A METHOD AND AN ARRANGEMENT FOR PRODUCING BASIC FASTENER TAB MATERIAL, SUCH BASIC STARTING MATERIAL, AND FASTENER TABS
• PROCEDE ET DISPOSITIF DE PRODUCTION D'UNE MATIERE DE BASE POUR LANGUETTE DE FIXATION, MATIERE PREMIERE DE BASE DE CE TYPE ET LANGUETTES DE FIXATION

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

(72) **HÉDEN, Anna**; Tjäderkullevägen 41, S-434 92 Vallda (SE). **MANSISIDOR, José-Maria**; Bokgården 3, S-435 31 Mölnlycke (SE). **KLING, Robert**; Vävaregatan 13, S-511 63 Skene (SE). **NILSSON, Urban**; Veneröd 3972, S-442 95 Kungälv (SE).

(74) **ALBIHNS STOCKHOLM AB**; P.O. Box 5581, Linnégatan 2, S-114 85 Stockholm (SE).

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

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

Published / Publiée : *(a)*

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(51)[7] **A61G 1/00**

(11) **WO 01/70160** (13) A1

(21) PCT/US01/09408

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,705 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LARGE BODY STRETCHER
• CIVIERE POUR PERSONNE DE FORTE CORPULENCE

(71) **FERNO-WASHINGTON, INC.** [US/US]; 70 Weil Way, Wilmington, OH 45177-9371 (US).

(72) **LINGER, David, R.**; 11836 Hawthorn Woods Court, Loveland, OH 45140 (US). **CHINN, James, N.**; 49 Thompson Place, Roswell, GA 30075 (US). **POLLOCK, Irvin, D.**; 5062 S.R. 68 South, Wilmington, OH 45177 (US).

(74) **JIVIDEN, William, A.** et al. / etc.; Kilworth, Gottman, Hagan & Schaeff, L.L.P., Suite 500, One Dayton Centre, One South Main Street, Dayton, OH 45402-2023 (US).

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

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

Published / Publiée : *(c)*

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(51)[7] **A61G 1/02, 1/04, 1/056, 1/048**

(11) **WO 01/70161** (13) A1

(21) PCT/US00/07522

(22) **17 Mar/mar 2000 (17.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • STRETCHER WITH CASTOR WHEELS
• CIVIERE DOTEE DE ROULETTES PIVOTANTES

(71) **STRYKER CORPORATION** [US/US]; 2725 Fairfield Road, Kalamazoo, MI 49003-4085 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WAY, Christopher, B.** [US/US]; 10770 East CD Avenue, Richland, MI 49083 (US). **MULDER, Craig, C.** [US/US]; 4136 White Pine Drive, Dorr, MI 49323 (US).

(74) **CLISE, Timothy, B.** et al. / etc.; Flynn, Thiel, Boutell & Tanis, P.C., 2026 Rambling Road, Kalamazoo, MI 49008-1699 (US).

(81) AU JP US.

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

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(51)[7] **A61G 7/00, 13/00**

(11) **WO 01/70162** (13) A1

(21) PCT/JP01/01697

(22) **5 Mar/mar 2001 (05.03.2001)**

(25) ja (26) ja

(30) 2000-136492 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ALL-PURPOSE CARE BED
• LIT POUR MALADE OU POUR PRODIGUER DES SOINS

(71, 72) **OHYAMA, Yukio** [JP/JP]; 1-51, Hanabatake 1-chome, Tsukuba-shi, Ibaragi-ken 300-3261 (JP).

(81) AU CA NO RU US.

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

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(51)[7] **A61G 7/00**

(11) **WO 01/70163** (13) A2

(21) PCT/US01/03162

(22) **31 Jan/jan 2001 (31.01.2001)**

(25) en (26) en

(30) 09/528,464 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BED SIDERAIL
• BARREAUX LATERAUX POUR LIT

(71) **HILL-ROM SERVICES, INC.** [US/US]; 300 Delaware Avenue, Suite 530, Wilmington, DE 19801 (US).

(72) **HORNBACH, David, W.**; 12161 Countyline Road, Brookville, IN 47012 (US). **ZERHUSEN, Robert, Mark**; 10186 Owl Creek Road, Cincinnati, OH 45252 (US).

(74) **NIEDNAGEL, Timothy, E.**; Bose McKinney & Evans LLP, 2700 First Indiana Plaza, 135 North Pennsylvania Avenue, Indianapolis, IN 46204 (US).

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

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

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(51)[7] **A61G 7/008**

(11) **WO 01/70164** (13) A1

(21) PCT/US01/08434

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,367 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PRONING BED
• LIT POUR POSITION COUCHEE

(71) **HILL-ROM, INC.** [US/US]; 1069 State Route 46 East, Batesville, IN 47006 (US).

(72) **HAND, Barry, D.**; 808 Milldenhall Road, Mt. Pleasant, SC 29464 (US). **DELK, Dana, H.**; 4443 Great Oak Drive, North Charleston, SC 29418 (US). **BROOKS, Jack, J.**; 116 West Huron Avenue, Folly Beach, SC 29439 (US). **DOEHLER, Stephen, J.**; 737 Tallwood Road, Charleston, SC 29414 (US).

(74) **NIEDNAGEL, Timothy, E.**; Bose McKinney & Evans LLP, 2700 First Indiana Plaza, 135 North Pennsylvania Avenue, Indianapolis, IN 46204 (US).

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

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

Published / Publiée : *(c)*

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(51)[7] **A61G 7/018, 13/06, 13/08**

(11) **WO 01/70165** (13) A1

(21) PCT/EP01/03150

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) de (26) de

(30) 200 05 049,4 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ELECTROMOTIVE DRIVE UNIT FOR BEDS AND TABLES
• UNITE D'ENTRAINEMENT A MOTEUR ELECTRIQUE POUR LITS ET TABLES

(71) **DEWERT ANTRIEBS- UND SYSTEMTECHNIK GMBH & CO. KG** [DE/DE]; Weststrasse 1, 32278 Kirchlengern (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEHMEYER, Klaus** [DE/DE]; Strothkamp 17, 32051 Herford (DE). **SCHRÖDER, Thomas** [DE/DE]; Jeankamp 7, 49324 Melle (DE). **VIERMANN, Thomas** [DE/DE]; Ostensiekerweg 11, 32584 Löhne (DE). **BOKÄMPER, Ralf** [DE/DE]; Schubertstrasse 2, 32312 Lübbecke (DE).

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

(81) US.

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

Published / Publiée : *(c)*

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(51)[7] **A61G 7/057**

(11) **WO 01/70166** (13) A1

(21) PCT/ES01/00113

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) es (26) es

(30) P 200000699 **22 Mar/mar 2000** ES **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INFLATABLE SYSTEM FOR ENABLING POSTURAL CHANGES OF PATIENTS IN A CLINICAL BED OR THE LIKE
• SYSTEME GONFLABLE DESTINE A FACILITER LES CHANGEMENTS DE POSTURES DE MALADES DANS UN LIT D'HOPITAL OU ANALOGUE

(71, 72) **SANCHEZ DIAZ, Manuela** [ES/ES]; Calle Peñuelas, nº 59, 2º C, E-28005 Madrid (ES).

(74) **GARCIA DEL SANTO, Javier**; Calle Castelló, nº 39, 1º Izq., E-28001 Madrid (ES).

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

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

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(51)[7] **A61G 7/057**

(11) **WO 01/70167** (13) A2

(21) PCT/US01/07489

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) en (26) en

(30) 09/532,592 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HOSPITAL BED HAVING A ROTATIONAL THERAPY DEVICE
• LIT D'HOPITAL COMPRENANT UN DISPOSITIF DE TRAITEMENT PAR ROTATION

(71) **HILL-ROM SERVICES, INC.** [US/US]; 300 Delaware Avenue, Suite 530, Wilmington, DE 19801 (US).

(72) **KUMMER, Joseph, A.**; 3413 Wheatcroft Drive, Cincinnati, OH 45239 (US). **BRANSON, Gregory, W.**; 323 Woodfield Drive, Batesville, IN 47006 (US). **MEYER, Eric, R.**; 4185 County Line Road, Greensburg, IN 47240 (US). **WILSON, Brad**; 236 Winding Way, Batesville, IN 47006 (US). **TABER, Tanya**; 1219 Campground Drive, Lawrenceburg, IN 47025 (US). **CHAMBERS, Ken**; 1358 Tekulve Road, Batesville, IN 47006 (US). **FRONDORF, Mike**; 333 Farmington Drive, Lakeside Park, KY 41017 (US). **VODZAK, John**; 2055 Rock Creek Road, Batesville, IN 47006 (US). **STOLPMANN, Jim**; 1432 Fiarway Drive, Lawrenceburg, IN 47025 (US). **DALTON, Roger**; 105 Fernleaf Street, Moncks Corner, SC 29461 (US). **SMITH, Ken**; 1610 Wayah Drive, Charleston, SC 29414 (US). **HEYSER, Jeffrey, A.**; 5651 Lake Manor Drive, Fairfield, OH 45014 (US).

(74) **NIEDNAGEL, Timothy, E.**; Bose McKinney & Evans LLP, 2700 First Indiana Plaza, 135 North Pennsylvania Avenue, Indianapolis, IN 46204 (US).

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

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

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(51)[7] **A61G 7/10**

(11) **WO 01/70168** (13) A1

(21) PCT/EP01/03173

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) de (26) de

(30) 100 14 208.7 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND DEVICE FOR TRANSFERRING PATIENTS
• PROCEDE ET DISPOSITIF POUR DEPLACER DES PATIENTS

(71) **MAQUET AG** [DE/DE]; Kehler Strasse 31, 76437 Rastatt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BALLHAUS, Heribert** [DE/DE]; Welser Strasse 15, 90562 Heroldsberg (DE).

(74) **SCHAUMBURG, Karl-Heinz** et al. / etc.; Postfach 86 07 48, 81634 München (DE).

(81) JP US.

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

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(51)[7] **A61G 15/12**

(11) **WO 01/70169** (13) A1

(21) PCT/EP01/03270

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) de (26) de

(30) 100 14 063.7 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MEDICAL OR DENTAL TREATMENT CHAIR
• FAUTEUIL DE TRAITEMENT POUR SOINS MEDICAUX OU DENTAIRES

(71) **KALTENBACH & VOIGT GMBH & CO.** [DE/DE]; Bismarckring 39, 88400 Biberach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HUMMLER, Georg** [DE/DE]; Winterreute 46, 88400 Biberach-Ringschnait (DE). **VON BANK, Reinhold** [DE/DE]; Beethovenweg 6, 88433 Schemmerhofen (DE). **RAPP, Karlheinz** [DE/DE]; Lindenstrasse 33, 88441 Mittelbiberach (DE).

(74) **SCHMIDT-EVERS, Jürgen**; Mitscherlich & Partner, Sonnenstrasse 33, 80331 München (DE).

(81) JP US.

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

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(51)[7] **A61J 1/00, A61L 2/26**

(11) **WO 01/70170** (13) A1

(21) PCT/US01/05810

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 60/191,383 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CONTAINER FOR LINEZOLID INTRAVENOUS SOLUTION
• RECIPIENT POUR SOLUTION INTRAVEINEUSE A BASE DE LINEZOLIDE

(71) **PHARMACIA & UPJOHN COMPANY** [US/US]; 301 Henrietta Street, Kalamazoo, MI 49001 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SIMS, Sandra, M.** [US/US]; 9922 Wexford Drive, Portage, MI 49024 (US). **WADE, Daniel, C.** [US/US]; 6218 Hampton Street, Portage, MI 49024 (US). **VALVANI, Shri, C.** [US/US]; 5695 Blue Spruce Lane, Kalamazoo, MI 49009 (US). **BOWMAN, Phil, B.** [US/US]; 6456 Torrington Road, Kalamazoo, MI 49009 (US).

(74) **STEIN, Bruce**; Intellectual Property Legal Services, Pharmacia & Upjohn Company, 301 Henrietta Street, Kalamazoo, MI 49001 (US).

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

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

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(51)[7] **A61J 3/07, B65B 1/14**

(11) **WO 01/70171** (13) A1

(21) PCT/IB00/00341

(22) **22 Mar/mar 2000 (22.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CAPSULES FILLING MACHINE TO PACK POWDER, HERBS, MICROGRANULES, PELLETS
• REMPLISSEUSE DE CAPSULES UTILISEE POUR CONDITIONNER DE LA POUDRE, DES HERBES, DES MICROGRANULES OU DES PASTILLES

(71) **B.L. MACCHINE AUTOMATICHE SPA** [IT/IT]; Via Ronchi Inferiore, 30/B, I-40061 Minerbio-Bologna (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FACCHINI, Libero** [IT/IT]; Via Ponte Buco, 22, I-40068 San Lazzaro di S. (IT).

(74) **TROMBETTI, Gioia**; Via Portazza, 8, I-40139 Bologna (IT).

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

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

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(51)[7] **A61K**

(11) **WO 01/70172** (13) A2

(21) PCT/ES01/00089

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) es (26) es

(30) P 200000710 **23 Mar/mar 2000** ES **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SOLID, WATER-DISPERSIBLE, ORAL PHARMACEUTICAL FORM COMPRISING RIFAMPICIN, ISONIAZID AND PYRIDOXINE HYDROCHLORIDE, METHOD FOR OBTAINING AND PRESENTING SAID PHARMACEUTICAL FORM
• FORMULATION PHARMACEUTIQUE SOLIDE SOLUBLE DANS L'EAU POUR ADMINISTRATION ORALE, COMPRENANT DE LA RIFAMPICINE, DE L'ISONIAZIDE ET DE L'HYDROCHLORURE DE PIRIDOXINE, SON PROCEDE DE PRODUCTION ET SA FORME DE PRESENTATION

(71) **LABORATORIOS ALCALA FARMA, S.L.** [ES/ES]; Carretera M-300, km. 29,920, E-28802 Alcalá de Henares (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PEREZ CUEVAS, Gabriel** [ES/ES]; Laboratorios Alcalá Farma, S.L., Ctra. M-300, Km. 29,920, E-28802 Alcalá de Henares (ES). **PINILLA DE BLAS, Andrés** [ES/ES]; Laboratorios Alcalá Farma, S.L., Ctra. M-300, Km. 29,920, E-28802 Alcalá de Henares (ES). **FONTES MUÑOZ, Gabriel** [ES/ES]; Laboratorios Alcalá Farma, S.L., Ctra. M-300, Km. 29,920, E-28802 Alcalá de Henares (ES).

(74) **GARCIA-CABRERIZO Y DEL SANTO, Pedro Maria**; c/ Vitruvio N° 23, E-28006 Madrid (ES).

(81) BR CA CN IN JP KP KR MX SG US ZA.

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

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(51)[7] **A61K**

(11) **WO 01/70173** (13) A2

(21) PCT/US01/08150

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 09/533,454 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • IMMUNOKINE COMPOSITION AND METHOD
• COMPOSITION D'IMMUNOKINE ET METHODE ASSOCIEE

(71) **PHYLOMED CORPORATION** [US/US]; Suite One, 1850 N.W. 69th Avenue, Plantation, FL 33313 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MUNDSCHENK, David, D.** [US/US]; 504 S.E. Second Avenue, Dania, FL 33004 (US). **REID, Paul, F.** [IE/US]; 1922 Coolidge St., Hollywood, FL 33020 (US).

(74) **GOLDMAN, Philip, M.** et al. / etc.; Fredrikson & Byron, P.A., 1100 International Centre, 900 2nd Ave. S., Minneapolis, MN 55402-3397 (US).

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

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

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(51)[7] **A61K**

(11) **WO 01/70174** (13) A2

(21) PCT/US01/09043

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/191,201 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • VEGF-MODULATED GENES AND METHODS EMPLOYING THEM
• GENES MODULES PAR VEGF ET LEURS PROCEDES D'UTILISATION

(71) **CURAGEN CORPORATION** [US/US]; 11th Floor, 555 Long Wharf Drive, New Haven, CT 06511 (US). **GENENTECH, INC.** [US/US]; 1 DNA Way, South San Francisco, CA 94080 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RASTELLI, Luca, K.** [US/US]; 52 Pepperbush Lane, Guilford, CT 06437 (US). **GERBER, Hans-Peter** [US/US]; Apartment No. 5, 1121 Tennessee Street, San Francisco, CA 94107 (US).

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

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

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

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(51)[7] **A61K**

(11) **WO 01/70175** (13) A2

(21) PCT/US01/09101

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/191,063 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • OSTEOCALCIN PROMOTER DIRECTED ADENOVIRUS REPLICATON FOR THERAPY
• REPLICATION D'ADENOVIRUS SOUS CONTROLE DE PROMOTEUR D'OSTEOCALCINE, UTILISEE A DES FINS THERAPEUTIQUES

(71) **THE UNIVERSITY OF VIRGINIA PATENT FOUNDATION** [US/US]; 1244 West Main Street, Suite 1-110, Charlottesville, VA 22903 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHUNG, Leland, W., K.** [US/US]; 1111 Rocky Road, Lovingston, VA 22949 (US). **KAO, Chinghai** [—/US]; 525 Rodes Drive, Charlottesville, VA 22903 (US). **GARDNER, Thomas, A.** [US/US]; 4626 Woods Edge Drive, Zionsville, IN 46077 (US). **KO, Song-Chu** [KR/US]; 141 Green Turtle Lane #6, Charlottesville, VA 22901 (US).

(74) **BALDWIN, Geraldine, F.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

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

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

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(51)[7] **A61K 7/00**

(11) **WO 01/70176** (13) A2

(21) PCT/EP01/02546

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) de (26) de

(30) 100 13 578.1 **18 Mar/mar 2000** DE **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • USE OF 3,4-DIHYDROXY-MANDELIC ACID FOR PROTECTING AGAINST OXIDATIVE DAMAGE CAUSED BY ULTRA-VIOLET LIGHT
• UTILISATION D'ACIDE 3,4-DIHYDROXYMANDELIQUE POUR LA PROTECTION CONTRE DES DOMMAGES OXYDATIFS DUS A LA LUMIERE ULTRAVIOLETTE

(71) **HAARMANN & REIMER GMBH** [DE/DE]; 37603 Holzminden (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEY, Jakob, Peter** [DE/DE]; Schubertstr. 5a, 37603 Holzminden (DE). **LANGNER, Roland** [DE/DE]; Jahnstr. 9, 37639 Bevern (DE). **JOHNCOCK, William** [DE/DE]; Richard-Arntz-Str. 16, 37671 Höxter (DE).

(74) **MANN, Volker**; c/o Bayer AG, 51368 Leverkusen (DE).

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

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

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(51)[7] **A61K 7/00, C08K 5/10**

(11) **WO 01/70177** (13) A1

(21) PCT/FR01/00831

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) fr (26) fr

(30) 00/03677 **22 Mar/mar 2000** FR **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SILICONE OIL/COSOLVENT SYSTEM CONCENTRATED IN ACTIVE LIPOSOLUBLE COSMETIC SUBSTANCE(S), CORRESPONDING COSMETIC EMULSION AND FORMULATION
• SYSTEME HUILE SILICONE / CO-SOLVANT CONCENTRE EN MATIERE(S) ACTIVE(S) COSMETIQUE(S) LIPOSOLUBLE(S), EMULSION ET FORMULATION COSMETIQUES CORRESPONDANTES

(71) **RHODIA CHIMIE** [FR/FR]; 26, Quai Alphonse le Gallo, F-92512 Boulogne Billancourt Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MERCIER, Jean-Michel** [FR/FR]; 2, résidence Plein-Sud, F-94320 Thiais (FR). **RICCA, Jean-Marc** [FR/FR]; 16, avenue Michel Bizot, F-75012 Paris (FR). **MARTIN, Nadia** [FR/FR]; 25, rue Lantiez, F-75017 Paris (FR).

(74) **MONCHENY, Michel**; Cabinet Lavoix, 2, place d'Estienne d'Orves, F-75441 Paris Cedex 09 (FR).

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

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

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(51)[7] **A61K 7/00**

(11) **WO 01/70178** (13) A2

(21) PCT/US01/09381

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,588 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TOOTH WHITENING MATERIAL AND METHOD OF WHITENING TEETH
• AGENT DE BLANCHIMENT POUR LES DENTS ET METHODE DE BLANCHIMENT

(71) **DENTSPLY INTERNATIONAL INC.** [US/US]; 570 West College Avenue, P.O. Box 872, York, PA 17404-0872 (US).

(72) **PETERSON, Kenneth, S.**; 2494 Water Valley Road, Lancaster, PA 17603 (US).

(74) **HURA, Douglas, J.** et al. / etc.; Dentsply International Inc., 570 West College Avenue, P.O. Box 872, York, PA 17404-0872 (US).

(81) BR CA JP KR.

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

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(51)[7] **A61K 7/06**

(11) **WO 01/70179** (13) A1

(21) PCT/EP01/02589

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) en (26) en

(30) 09/534,467 **24 Mar/mar 2000** US **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LOW VOC HAIR SPRAY COMPOSITIONS HAVING ENHANCED STYLING BENEFITS
• COMPOSITIONS DE LAQUE CAPILLAIRE A FAIBLE TENEUR EN COV ET A PROPRIETES DE COIFFAGE AMELIOREES

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

(71) **UNILEVER NV** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
(only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CR CU CZ DE DK DM DZ EE ES FI FR GA GE GN GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NE NL NO PL PT RO RU SE SI SK SN TD TG TJ TM TR UA UZ VN YU)

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

(72) **NEKLUDOFF, Natalia**; Unilever Home & Personal Care USA, 3100 East Golf Road, Rolling Meadows, Chicago, IL 60008 (US). **DABKOWSKI, Diane, Marie**; Unilever Home & Personal Care USA, 3100 East Golf Road, Rolling Meadows, Chicago, IL 60008 (US). **VASUDEVAN, Tirucherai, Varahan**; Unilever Home & Personal Care USA, 3100 East Golf Road, Rolling Meadows, Chicago, IL 60008 (US). **SEPER, Jennifer, Marie**; Unilever Home & Personal Care USA, 3100 East Golf Road, Rolling Meadows, Chicago, IL 60008 (US).

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

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

Published / Publiée : *(c)*

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(51)[7] **A61K 7/06**

(11) **WO 01/70180** (13) A1

(21) PCT/US00/07301

(22) **17 Mar/mar 2000 (17.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ANTIDANDRUFF HAIR CONDITIONING COMPOSITIONS
• COMPOSITIONS DE TRAITEMENT CAPILLAIRE ANTIPELLICULAIRE

(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) **KHAN, Golam, Faruque** [BD/JP]; 1-4-123-301 Koyo-cho Naka, Higashinada-ku, Kobe 658-0032 (JP).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

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

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

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(51)[7] **A61K 7/06**

(11) **WO 01/70181** (13) A1

(21) PCT/US01/08690

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,286 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 60/194,322 **3 Apr/avr 2000** US **(03.04.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND COMPOSITION FOR TREATMENT AND PREVENTION OF ALOPECIA
• PROCEDE ET PREPARATION POUR LE TRAITEMENT ET LA PREVENTION DE L'ALOPECIE

(71) **PR ORIGINALS, L.L.C.** [US/US]; 220 Lyon N.W., Suite 700, Grand Rapids, MI 49503 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PINEDA, Edwin, H.** [US/US]; 2516 Hamilton Street #7, Portage, WI 53961 (US).

(74) **CARRIER, Robert, J.**; Price, Heneveld, Cooper, DeWitt & Litton, 695 Kenmoor, S.E., Post Office Box 2567, Grand Rapids, MI 49501-2567 (US).

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

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

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(51)[7] **A61K 7/13**

(11) **WO 01/70182** (13) A1

(21) PCT/EP01/02556

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) de (26) de

(30) 100 14 149.8 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AGENT AND METHOD FOR COLOURING KERATIN FIBRES
• AGENT ET PROCEDE POUR LA COLORATION DE FIBRES KERATINIQUES

(71) **WELLA AKTIENGESELLSCHAFT** [DE/DE]; RP, Berliner Allee 65, 64274 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRIESS, Gabriele** [DE/DE]; Habitzheimer Ruh 16, 64823 Gross-Umstadt (DE). **BAHNMUELLER, Iris** [DE/DE]; Horrackerstrasse 29, 69469 Weinheim (DE).

(74) **WELLA AKTIENGESELLSCHAFT**; RP, Berliner Allee 65, 64274 Darmstadt (DE).

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

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

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(51)[7] **A61K 7/16**

(11) **WO 01/70183** (13) A1

(21) PCT/US01/02139

(22) **22 Jan/jan 2001 (22.01.2001)**

(25) en (26) en

(30) 09/533,293 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TOOTHPASTE COMPOSITIONS CONTAINING CETYLPYRIDINIUM CHLORIDE
• COMPOSITIONS DE DENTIFRICE CONTENANT DU CHLORURE DE PYRIDINIUM

(71) **CHURCH & DWIGHT CO., INC.** [US/US]; 469 North Harrison Street, Princeton, NJ 08543-5297 (US).

(72) **ADAMY, Steven, T.**; 12 Brown Drive, Hamilton, NJ 08690 (US). **CALA, Francis, R.**; 308 S. 2nd Avenue, Highland NJ 08904 (US).

(74) **KIPNES, Allen, R.**; Watov & Kipnes, P.C., P.O. Box 247, Princeton Junction, NJ 08520 (US).

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

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

Published / Publiée : *(c)*

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(51)[7] **A61K 7/26, 7/16**

(11) **WO 01/70184** (13) A2

(21) PCT/IL01/00276

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 135,220 **22 Mar/mar 2000** IL **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A COMPOSITION CONTAINING MONOTERPENES FOR TOPICAL ORAL ADMINISTRATION
• COMPOSITION CONTENANT DES MONOTERPENES DESTINEE A UNE ADMINISTRATION ORALE TOPIQUE

(71) **GINSOL LTD** [IL/IL]; Hartum 9, Har Hotzvim, 91450 Jerusalem (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WOLNERMAN, Joseph, Simcha** [IL/IL]; Nelson Glick Street 32, 97233 Jerusalem (IL).

(74) **WOLFF, BREGMAN AND GOLLER**; P.O. Box 1352, 91013 Jerusalem (IL).

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

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

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(51)[7] **A61K 7/32**

(11) **WO 01/70185** (13) A2

(21) PCT/EP01/02230

(22) **27 Feb/fév 2001 (27.02.2001)**

(25) en (26) en

(30) 09/531,643 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ANTIPERSPIRANT STICK COMPOSITIONS COMPRISING DIBENZYLIDENE SORBITAL ACETAL AND NATURAL OILS
• COMPOSITIONS DE BATON ANTISUDORIFIQUE COMPRENANT UN ACETAL SORBITAL DE DIBENZYLIDENE ET DES HUILES NATURELLES

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

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

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

(72) **SCAFIDI, Anthony, Aloysius**; Unilever Home & Personal Care USA, 3100 East Golf Road, Rolling Meadows, Chicago, IL 60008 (US).

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

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

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(51)[7] **A61K 7/48**

(11) **WO 01/70186** (13) A1

(21) PCT/DE01/00953

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) de (26) de

(30) 100 15 363.1 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COSMETIC COMPACT OR CREME POWDER
• POUDRE-CREME OU POUDRE COMPACTE UTILISEE EN COSMETIQUE

(71) **COTY B.V.** [NL/NL]; Oudeweg 147, NL-2031 CC Haarlem (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GOLZ-BERNER, Karin** [DE/MC]; 34, quai Jean Charles Rey, MC-98000 Monaco (MC). **ZASTROW, Leonhard** [DE/MC]; 34, quai Jean Charles Rey, MC-98000 Monaco (MC).

(74) **WALTER, Wolf-Jürgen**; Felke & Walter, Normannenstrasse 1-2, 10367 Berlin (DE).

(81) CN JP KR US.

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

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(51)[7] **A61K 7/48**

(11) **WO 01/70187** (13) A1

(21) PCT/EP01/02343

(22) **1 Mar/mar 2001 (01.03.2001)**

(25) en (26) en

(30) 0006865.0 **21 Mar/mar 2000** GB **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LOW pH HIGH FATTY ACID VANISHING CREAM
• CREME DE JOUR A FAIBLE pH ET A TENEUR ELEVEE EN ACIDE GRAS

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

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

(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) **HARYO SURYO, Dwiwahyu** [ID/ID]; PT Unilever Indonesia TBK, Graha Unilever, JL. Jend. Gatot Subroto Kav. 15, 12930 Jakarta (ID). **NOERLAN, Sandyarani** [ID/ID]; PT Unilever Indonesia TBK, Graha Unilever, JL. Jend. Gatot Subroto Kav. 15, 12930 Jakarta (ID).

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

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

Published / Publiée : *(c)*

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(51)[7] **A61K 7/48**

(11) **WO 01/70188** (13) A1

(21) PCT/EP01/02344

(22) **1 Mar/mar 2001 (01.03.2001)**

(25) en (26) en

(30) 0006866.8 **21 Mar/mar 2000** GB **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LOW pH HIGH FATTY ACID VANISHING CREAM
• CREME DE JOUR A FAIBLE PH ET A TENEUR ELEVEE EN ACIDE GRAS

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

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

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

(72, 75) **ANJASMARA SISWOYO, Rully** [ID/ID]; PT Unilever Indonesia TBK, Graha Unilever, JL. Jend. Gatot Subroto Kav. 15, 12930 Jakarta (ID). **HARYO SURYO, Dwiwahyu** [ID/ID]; PT Unilever Indonesia TBK, Graha Unilever, JL. Jend. Gatot Subroto Kav. 15, 12930 Jakarta (ID).

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

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

Published / Publiée : *(c)*

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(51)[7] **A61K 7/48**

(11) **WO 01/70189** (13) A1

(21) PCT/EP01/02459

(22) **5 Mar/mar 2001 (05.03.2001)**

(25) en (26) en

(30) 0006867.6 **21 Mar/mar 2000** GB **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND COMPOSITION FOR SKIN LIGHTENING APPLYING CARBOXYLIC ACIDS
• PROCEDE ET COMPOSITION DESTINES A L'ECLAIRCISSEMENT DE LA PEAU UTILISANT DES ACIDES CARBOXYLIQUES

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

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

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

(72, 75) **HAGUE, Jonathan, David** [GB/ID]; PT Unilever Indonesia Tbk, Skin Innovation Centre, Jalan Jenderal Gatot Subroto Kav 27, 12930 Jakarta (ID).

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

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

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(51)[7] **A61K 7/48**

(11) **WO 01/70190** (13) A2

(21) PCT/EP01/02736

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) en (26) en

(30) 255/MUM/00 **23 Mar/mar 2000** IN **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COSMETIC COMPOSITIONS
• COMPOSITIONS COSMETIQUES

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

(71) **UNILEVER NV** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
(only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CR CU CZ DE DK DM DZ EE ES FI FR GA GE GN GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NE NL NO PL PT RO RU SE SI SK SN TD TG TJ TM TR UA UZ VN YU)

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

(72) **RAMAN, Govindarajan**; Hindustan Lever Research Centre, Chakala, Andheri (East), Maharashtra, 400 099 Mumbai (IN). **SONA, Pushker**; Hindustan Lever Research Centre, Chakala, Andheri (East), Maharashtra, 400 099 Mumbai (IN). **SURIANARAYANAN, Ramesh**; Hindustan Lever Research Centre, Chakala, Andheri (East), Maharashtra, 400 099 Mumbai (IN). **WAGH, Sushama, Shripad**; Hindustan Lever Research Centre, 64 Main Road, Whitefield P.O., Karnataka, 560 066 Bangalore (IN).

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

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

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(51)[7] **A61K 7/48, 7/06, 7/32**

(11) **WO 01/70191** (13) A1

(21) PCT/EP01/02863

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) de (26) de

(30) 100 14 529.9 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEODORIZING PREPARATIONS CONTAINING NANOSCALE CHITOSANS AND/OR CHITOSAN DERIVATIVES
• PREPARATIONS DESODORISANTES CONTENANT DES CHITOSANES OU DES DERIVES DE CHITOSANES NANOMETRIQUES

(71) **COGNIS DEUTSCHLAND GMBH** [DE/DE]; Henkelstrasse 67, 40589 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PANZER, Claudia** [DE/DE]; Fürstenwalder Strasse 12, 41515 Grevenbroich (DE). **WACHTER, Rolf** [DE/DE]; Clausthal-Zellerfelder-Strasse 48, 40595 Düsseldorf (DE).

(81) JP US.

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

Published / Publiée : *(c)*

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(51)[7] **A61K 7/48, 7/04, 7/00**

(11) **WO 01/70192** (13) A2

(21) PCT/US01/07760

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 09/527,935 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • EMOLLIENT FOR CUTICLE TREATMENT AND DELIVERY SYSTEM THEREFORE
• EMOLLIENT POUR TRAITEMENT DES CUTICULES ET SYSTEME APPLICATEUR

(71) **INTERNATIONAL FLORA TECHNOLOGIES, LTD.** [US/US]; 1151 North Fiesta Boulevard, Gilbert, AZ 85233-2238 (US).

(72) **BROWN, James, H.**; 5214 East Paradise Drive, Scottsdale, AZ 85254 (US). **HILL, John, C.**; 5008 East Dallas Street, Mesa, AZ 85205 (US). **RODRIGUEZ, Theresa, E.**; 3003 West Baseline Road, Laveen, AZ 85339 (US).

(74) **HALVORSON, Kristofer, E.**; The Halvorson Law Firm, PC, Suite 1, 405 W. Southern Avenue, Tempe, AZ 85282 (US).

(81) CA JP.

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

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(51)[7] **A61K 7/50**

(11) **WO 01/70193** (13) A2

(21) PCT/EP01/02345

(22) **1 Mar/mar 2001 (01.03.2001)**

(25) en (26) en

(30) 60/190,779 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • EXTRUDABLE MULTIPHASE COMPOSITION COMPRISING A LAMELLAR PHASE AND AN ISOTROPIC PHASE
• COMPOSITION MULTIPHASE EXTRUDABLE COMPRENANT UNE PHASE LAMELLAIRE ET UNE PHASE ISOTROPE

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

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

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

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

(72) **HAYWARD, Christine**; Unilever Home & Personal Care USA, 40 Merritt Boulevard, Trumbull, CT 06611 (US). **PAREDES, Rosa, Mercedes**; Unilever Home & Personal Care USA, 40 Merritt Boulevard, Trumbull, CT 06611 (US).

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

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

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(51)[7] **A61K 9/00, 9/20**

(11) **WO 01/70194** (13) A1

(21) PCT/US01/02192

(22) **23 Jan/jan 2001 (23.01.2001)**

(25) en (26) en

(30) 09/535,005 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FAST DISSOLVING ORALLY CONSUMABLE FILMS CONTAINING AN ION EXCHANGE RESIN AS A TASTE MASKING AGENT
• FILMS CONSOMMABLES PAR VOIE ORALE A DISSOLUTION RAPIDE CONTENANT UNE RESINE D'ECHANGE IONIQUE COMME AGENT DE MASQUAGE DU GOUT

(71) **WARNER-LAMBERT COMPANY** [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US).

(72) **BESS, William, S.**; 31 Greenwish Road, Edison, NJ 08820 (US). **KULKARNI, Neema**; 16 Wilkeshire Boulevard, Randolph, NJ 07869 (US). **AMBIKE, Suhas, H.**; 73 Charcoal Drive, West Hill, Ontario M1C 3T9 (CA). **RAMSAY, Michael, Paul**; 45 Sayor Drive, Ajax, Ontario L1T 3K4 (CA).

(74) **FEDERMAN, Evan, J.**; Warner-Lambert Company, 201 Tabor Road, Morris Plains, NJ 07950 (US) et al. / etc.

(81) AE AG AL AU BA BB BG BR BZ CA CN CR CU CZ DM DZ EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX MZ NO NZ PL RO SG SI SK SL TR TT UA UZ VN YU ZA.

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

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(51)[7] **A61K 9/00**

(11) **WO 01/70195** (13) A2

(21) PCT/US01/07793

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 09/531,718 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A METHOD AND APPARATUS FOR COATING CENTERS
• PROCEDE D'ENROBAGE DE CENTRES ET APPAREIL CORRESPONDANT

(71) **MARS, INCORPORATED** [US/US]; 6685 Elm Street, McLean, VA 22101-3883 (US).

(72) **BANKO, Jeffrey, A.**; 27 Frontage Road, Blairstown, NJ 07825 (US). **BEASLEY, Kenneth, S.**; 67 Petersburg Road, Hackettstown, NJ 07840 (US). **REESE, David, H.**; 105 Morris Canal Trail, Washington, NJ 07882 (US). **ERD, James, D.**; 8 Ahlers Lane, Blairstown, NJ 07825 (US).

(74) **MANDRA, Raymond, R.** et al. / etc.; Fitzpatrick, Cella, Harper & Scinto, 30 Rockefeller Plaza, New York, NY 10112-3801 (US).

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

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

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(51)[7] **A61K 9/00**

(11) **WO 01/70196** (13) A2

(21) PCT/US01/08955

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/190,878 **21 Mar/mar 2000** US **(21.03.2000)**

(30) 60/221,070 **27 Jul/juil 2000** US **(27.07.2000)**

(30) 09/798,777 **2 Mar/mar 2001** US **(02.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SUSTAINED RELEASE DELIVERY SYSTEMS FOR SOLUTES
• SYSTÈME DE DÉLIVRANCE À LIBÉRATION LENTE DE SOLUTÉS

(63) US Not furnished / non communiqué (CON) 2 Mar/mar 2001 (02.03.2001)

(71) **FARRINGTON PHARMACEUTICALS, LLC** [US/US]; 765 Old Saw Mill River Road, Tarrytown, NY 10591 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRINES, Michael** [US/US]; 1 Wepawaug Road, Woodbridge, CT 06525 (US). **CERAMI, Anthony** [US/US]; 121 Farrington Avenue, Sleepy Hollow, NY 10951 (US). **WUERTH, Jean-Paul** [CH/US]; 15 Peacock Path, Quogue, NY 11959 (US).

(74) **YAMIN, Michael, A.**; Klauber & Jackson, 411 Hackensack Avenue, Hackensack, NJ 07601 (US).

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

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

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(51)[7] **A61K 9/107, 7/40**

(11) **WO 01/70197** (13) A2

(21) PCT/US01/09272

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,508 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR PREPARING HIGH PRESSURE/HIGH SHEAR DISPERSIONS CONTAINING PHYSIOLOGICALLY ACTIVE INGREDIENTS
• PROCEDE A CISAILLEMENT ELEVE/PRESSION ELEVEE POUR LA PREPARATION DE DISPERSIONS CONTENANT DES INGREDIENTS ACTIFS AU PLAN PHYSIOLOGIQUE

(71) **COLLABORATIVE TECHNOLOGIES, INC.** [US/US]; 50 East Loop Road, Stony Brook, NY 11790-3350 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILMOTT, James, M.** [US/US]; 4 Ridgefield Drive, Shoreham, NY 11786 (US).

(74) **TODARO, John, C.** et al. / etc.; Darby & Darby P.C., 805 Third Avenue, New York, NY 10022-7513 (US).

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

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

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

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(51)[7] **A61K 9/14, 31/045, 31/075, 31/095, 31/12, 31/13, 47/00**

(11) **WO 01/70198** (13) A1

(21) PCT/US01/07991

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 09/528,519 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • STABILIZED DRY POWDER FORMULATIONS
• FORMULATIONS SOUS FORME DE POUDRE SECHE STABILISEES

(71) **DURA PHARMACEUTICALS, INC.** [US/US]; 7475 Lusk Boulevard, San Diego, CA 92121-4204 (US).

(72) **WARD, Gary**; 7475 Lusk Boulevard, San Diego, CA 92121-4204 (US).

(74) **OHRINER, Kenneth, H.**; Lyon & Lyon LLP, 633 West Fifth Street, Suite 4700, Los Angeles, CA 90071-2066 (US).

(81) AU BR CA CN CZ FI HU IL JP MX NO NZ RU SG.

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

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(51)[7] **A61K 9/14, 33/42, 33/00, A01N 59/26, 59/24, C08K 3/28**

(11) **WO 01/70199** (13) A1

(21) PCT/US01/08806

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,546 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 60/190,571 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MATRICES CONTAINING NITRIC OXIDE DONORS AND REDUCING AGENTS AND THEIR USE
• MATRICES RENFERMANT DES DONNEURS D'OXYDE NITRIQUE AINSI QUE DES AGENTS REDUCTEURS ET LEUR UTILISATION

(71) **NOVOVASCULAR, INC.** [US/US]; 725 W. Lombard Street, Baltimore, MD 21201 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZHAO, Yi-Ju** [CN/US]; 3425-G Plumtree Drive, Ellicot City, MD 21042 (US). **BRAATZ, James, A.** [US/US]; 4510 Yates Road, Beltsville, MD 20705 (US). **ROSEN, Gerald, M.** [US/US]; 8525 Hill Spring Drive, Lutherville, MD 21093 (US).

(74) **GOLLIN, Michael, A.** et al. / etc.; Venable, Baetjer, Howard & Civiletti, LLP, 1201 New York Avenue, NW, Suite 1000, P.O. Box 34385, Washington, DC 20043-9998 (US).

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

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

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(51)[7] **A61K 9/16, 39/00**

(11) **WO 01/70200** (13) A1

(21) PCT/GB01/01248

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 0006770.2 **22 Mar/mar 2000** GB **(22.03.2000)**

(30) 0101094.1 **16 Jan/jan 2001** GB **(16.01.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PHARMACEUTICAL COMPOSITION FOR ADMINISTRATION TO MUCOSAL SURFACES
• COMPOSITION PHARMACEUTIQUE POUR ADMINISTRATION SUR DES SURFACES MUQUEUSES

(71) **THE SECRETARY OF STATE FOR DEFENCE** [GB/GB]; DSTL, Porton Down, Salisbury, Wiltshire SP4 0JQ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALPAR, Hazire, Oya** [GB/GB]; Aston University, Aston Triangle, Birmingham B4 7ET (GB). **EYLES, James, Edward** [GB/GB]; CBD Porton Down, Salisbury, Wiltshire SP4 0JQ (GB). **WILLIAMSON, Ethel, Diane** [GB/GB]; CBD Porton Down, Salisbury, Wiltshire SP4 0JQ (GB).

(74) **GREAVES, Carol, Pauline**; Greaves Brewster, 24A Woodborough Road, Winscombe, North Somerset BS25 1AD (GB).

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

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

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(51)[7] **A61K 9/16, 47/10, 47/12, 47/44, 47/38, 47/32, 9/48**

(11) **WO 01/70201** (13) A1

(21) PCT/JP01/02152

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ja (26) ja

(30) 2000-81354 **23 Mar/mar 2000** JP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ENTERIC GRANULAR PREPARATIONS OF HARDLY WATER SOLUBLE DRUGS CHARACTERIZED BY CONTAINING WATER-REPELLENT COMPONENT
• PREPARATIONS GRANULAIRES GASTRO-RESISTANTES CONSTITUEES DE MEDICAMENTS PEU HYDROSOLUBLES QUI SONT CARACTERISES EN CE QU'ILS CONTIENNENT UN COMPOSANT HYDRORESISTANT

(71) **SHIONOGI & CO., LTD.** [JP/JP]; 1-8, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TSUKADA, Takayuki** [JP/JP]; c/o Shionogi & Co., Ltd., 1-3, Kuise Terajima 2-chome, Amagasaki-shi, Hyogo 660-0813 (JP). **SYODAI, Hidekazu** [JP/JP]; c/o Shionogi & Co., Ltd., 1-3, Kuise Terajima 2-chome, Amagasaki-shi, Hyogo 660-0813 (JP). **SEZAKI, Hajime** [JP/JP]; c/o Shionogi & Co., Ltd., 1-3, Kuise Terajima 2-chome, Amagasaki-shi, Hyogo 660-0813 (JP). **SUZUKI, Yusuke** [JP/JP]; c/o Shionogi & Co., Ltd., 5-1, Mishima 2-chome, Settsu-shi, Osaka 566-0022 (JP).

(74) **YAMAUCHI, Hideaki** et al. / etc.; Shionogi & Co., Ltd. Intellectual Property Department, 12-4, Sagisu 5-chome, Fukushima-ku, Osaka-shi, Osaka 553-0002 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

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(51)[7] **A61K 9/70**

(11) **WO 01/70202** (13) A1

(21) PCT/DE01/00687

(22) **23 Feb/fév 2001 (23.02.2001)**

(25) de (26) de

(30) 100 13 504.8 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PLASTER CONTAINING AN ACTIVE AGENT
• EMPLATRE A PRINCIPE ACTIF

(71) **INTECH THÜRINGEN GMBH** [DE/DE]; Eisenacher Landstrasse 70, 99880 Waltershausen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHUNK, Werner** [DE/DE]; Galettistrasse 2, 99867 Gotha (DE). **BRUDER, Michael** [DE/DE]; Am Knill 65, 22147 Hamburg (DE). **GIESSMANN, Konrad** [DE/DE]; Liebetrautstrasse 17, 99867 Gotha (DE). **KRAUSE, Karl-Heinz** [DE/DE]; Berbisdorfer Kirchweg 12, 09123 Chemnitz (DE). **MERKMANN, Gerhard** [DE/DE]; Romillystrasse 15, 99867 Gotha (DE).

(81) AU BR CA CN CZ HU IN JP KR MX PL RU SK UA US ZA.

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

Published / Publiée : *(c)*

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(51)[7] **A61K 31/00**

(11) **WO 01/70203** (13) A2

(21) PCT/AT01/00076

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) de (26) de

(30) A 481/2000 **22 Mar/mar 2000** AT **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AGENT FOR TREATING HEPATITIS C
• AGENT DE TRAITEMENT DE L'HEPATITE C

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

(74) **SONN, Helmut** et al. / etc.; Riemergasse 14, A-1010 Wien (AT).

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

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

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(51)[7] **A61K 31/00**

(11) **WO 01/70204** (13) A2

(21) PCT/EP01/02989

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) de (26) de

(30) 100 13 715.6 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HIGHLY SELECTIVE INHIBITORS OF THE UROKINASE PLASMINOGEN ACTIVATOR
• INHIBITEURS A SELECTIVITE ELEVEE DE L'ACTIVATEUR DE TYPE UROKINASE DU PLASMINOGENE

(71) **WILEX BIOTECHNOLOGY GMBH** [DE/DE]; Grillparzerstrasse 10B, 81675 München (DE). **MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V.** [DE/DE]; Hofgartenstrasse 8, 80539 München (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MAGDOLEN, Viktor** [US/DE]; Münchnerstrasse 33, 85551 Kirchheim (DE). **SPERL, Stefan** [DE/DE]; Anton-Koeck-Strasse 5a, 82049 Pullach (DE). **STÜRZEBECHER, Jörg** [DE/DE]; Hubertusstrasse 38, 99094 Erfurt (DE). **WILHELM, Olaf** [DE/DE]; Säbenerstrasse 188, 81545 München (DE). **ARROYO-DE-PRADA, Nuria** [ES/ES]; Calle Valencia, 400 6º1ª, E-08013 Barcelona (ES). **MORODER, Luis** [DE/DE]; Alexander Flemingstrasse 10D, 82152 Martinsried (DE). **HUBER, Robert** [DE/DE]; Schlesierstrasse 10, 82110 Germering (DE). **JACOB, Uwe** [DE/DE]; Guldeinstrasse 42, 80339 München (DE). **BODE, Wolfram** [DE/DE]; Tulpenstrasse 5, 82131 Gauting (DE).

(74) **WEICKMANN, Heinrich** et al. / etc.; Weickmann & Weickmann, Postfach 860 820, 81635 München (DE).

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

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

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(51)[7] **A61K 31/00**

(11) **WO 01/70205** (13) A2

(21) PCT/EP01/03185

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 0006897.3 **23 Mar/mar 2000** GB **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MEDICAMENTS
• MÉDICAMENTS

(71) **SMITHKLINE BEECHAM P.L.C.** [GB/GB]; New Horizons Court, Brentford, Middlesex TW8 9EP (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CLARKE, Geoffrey, Douglas** [GB/GB]; GlaxoSmithKline, St. George's Avenue, Weybridge, Surrey KT13 0DE (GB). **SAMMONS, Melanie, Jayne** [GB/GB]; c/o GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). **WYLES, Mark** [GB/GB]; c/o GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).

(74) **THOMPSON, Clive, Beresford**; Corporate Intellectual Property, SmithKline Beecham, Two New Horizons Court, Brentford, Middlesex TW8 9EP (GB).

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

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

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(51)[7] **A61K 31/00**

(11) **WO 01/70206** (13) A2

(21) PCT/HU01/00027

(22) **1 Mar/mar 2001 (01.03.2001)**

(25) hu (26) en

(30) P 00 00997 **6 Mar/mar 2000** HU **(06.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NEW DRUG COMBINATION
• COMBINAISON DE MEDICAMENTS

(71, 72) **JÁVOR, András** [HU/HU]; Torbágy utca 8. III. em. ll, H-1118 Budapest (HU).

(72, 75) **PELLIONISZNÉ PARÓCZAI, Margit** [HU/HU]; Trencsényi utca 45, H-1125 Budapest (HU). **SZÉKELY, Ákosné** [HU/HU]; Wesselényi utca 130, H-1204 Budapest (HU).

(81) HU JP US.

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

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(51)[7] **A61K 31/00**

(11) **WO 01/70207** (13) A2

(21) PCT/US00/31246

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

(25) en (26) en

(30) 60/190,288 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • $5HT_2$ AGONISTS FOR CONTROLLING IOP AND TREATING GLAUCOMA
• AGONISTES DE $5HT_2$ PERMETTANT DE COMMANDER LA PRESSION INTRA-OCULAIRE ELEVEE ET DE TRAITER LE GLAUCOME

(71) **ALCON UNIVERSAL LTD.** [CH/CH]; P.O. Box 62, Bosch 60, CH-6331 Hunenberg (CH). **YAMANOUCHI PHARMACEUTICAL CO., LTD.** [JP/JP]; 3-11 Nihonbashi-Honcho, Chuo-ku, Tokyo 103 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MAY, Jesse, A.** [US/US]; 4132 Hildring Drive, Fort Worth, TX 76109 (US). **DANTANARAYANA, Anura, P.** [US/US]; 5824 Bayside Drive, Fort Worth, TX 76132 (US).

(74) **YEAGER, Sally, S.** et al. / etc.; Alcon Research, Ltd., 6201 South Freeway, Fort Worth, TX 76134 (US).

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

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

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(51)[7] **A61K 31/00**

(11) **WO 01/70208** (13) A2

(21) PCT/US01/40302

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,630 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 60/268,607 **14 Feb/fév 2001** US **(14.02.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HORMONE REPLACEMENT THERAPY

- THERAPIE PAR REMPLACEMENT D'HORMONES

(71) **AMERICAN HOME PRODUCTS CORPORATION** [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).

(72) **PICKAR, James, H.**; 816 Crum Creek Road, Springfield, PA 19064 (US).

(74) **MILOWSKY, Arnold, S.**; American Home Products Corporation, Patent Law Department, Five Giralda Farms, Madison, NJ 07940 (US) et al. / etc.

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

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

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(51)[7] **A61K 31/00**

(11) **WO 01/70209** (13) A2

(21) PCT/US01/08513

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 60/190,444 **17 Mar/mar 2000** US **(17.03.2000)**

(30) Not furnished / non communiqué **14 Mar/mar 2001** US **(14.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MONO- AND DISACCHARIDES FOR THE TREATMENT OF NITRIC OXIDE RELATED DISORDERS

- MONO-ET DISACCHARIDES DESTINES AU TRAITEMENT DE MALADIES ASSOCIEES A L'OXYDE NITRIQUE

(71) **CORIXA CORPORATION** [US/US]; 1124 Columbia Street, Suite 200, Seattle, WA 98104 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ELLIOT, Gary** [US/US]; 100 College Street, Stevensville, MT 59870 (US). **JOHNSON, David** [US/US]; 121 Woodland Way, Hamilton, MT 59840 (US). **WEBER, Patricia, A.** [US/US]; 327 Main Street, Stevensville, MT 59870 (US). **SOWELL, Greg** [US/US]; 3914 243rd Place SE, #L-304, Bothell, WA 98011 (US).

(74) **MANN, Jeffrey, S.** et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcardero Center, Eight Floor, San Francisco, CA 94111 (US).

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

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

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(51)[7] **A61K 31/00, 31/60, 31/616, 31/621, 31/192, 31/196, 31/405, 31/12, 31/23, 31/635, 31/135, 31/047, 31/341, 31/415, 33/20**

(11) **WO 01/70210** (13) A2

(21) PCT/US01/08735

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,198 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHODS FOR IMPROVING SIZE AND APPEARANCE OF A WOUND

- PROCEDES PERMETTANT D'AMELIORER LA TAILLE ET L'ASPECT D'UNE BLESSURE

(71) **AVOCET POLYMER TECHNOLOGIES, INC.** [US/US]; 221 North LaSalle Street, Suite 856, Chicago, IL 60601 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CAPELLI-SCHELLPFEFFER, Mary** [US/US]; 4201 Sixth Street, Kenosha, WI 53144 (US).

(74) **COLLINS, Anne, J.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02421 (US).

(81) CA JP US.

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

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(51)[7] **A61K 31/00**

(11) **WO 01/70211** (13) A2

(21) PCT/US01/08863

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/644,982 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • L-ARGININE AND PHOSPHODIESTERASE (PDE) INHIBITOR SYNERGISM

- SYNERGISME DE LA L-ARGININE ET DE L'INHIBITEUR DE PHOSPHODIESTERASE (PDE)

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 12th Floor, 1111 Franklin Street, Oakland, CA 94607-5200 (US).

(72) **WALLACE, Arthur, W.**; 227 Lucas Park Drive, San Rafael, CA 94903 (US).

(74) **BERLINER, Robert**; Fulbright & Jaworski, L.L.P., 29th floor, 865 S. Figueroa Street, Los Angeles, CA 90017-2576 (US).

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

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

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(51)[7] **A61K 31/00**

(11) **WO 01/70212** (13) A2

(21) PCT/US01/09489

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,634 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND COMPOSITION FOR PREVENTING OR REDUCING THE SYMPTOMS OF MENOPAUSE

- METHODE ET COMPOSITION PERMETTANT DE PREVENIR ET DE DIMINUER LES SYMPTOMES DE LA MENOPAUSE

(71) **INTERHEALTH NUTRACEUTICALS INCORPORATED** [US/US]; 5451 Industrial Way, Benicia, CA 94510 (US).

(72) **BAGCHI, Debasis**; 5332 Vista Point Court, Concord, CA 94521 (US). **TROXEL, Gary**; 3475 Rancho Del Hambre, Lafayette, CA 94549 (US).

(74) **CAGLAR, Oral**; Sheppard Mullin Richter & Hampton LLP, 48th floor, 333 South Hope Street, Los Angeles, CA 90071 (US).

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

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

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(51)[7] **A61K 31/00**

(11) **WO 01/70213** (13) A2

(21) PCT/US01/09578

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,879 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BACTERICIDAL ANTIMICROBIAL METHODS AND COMPOSITIONS FOR USE IN TREATING GRAM POSITIVE INFECTIONS

- PROCEDES ET COMPOSITIONS BACTERICIDES DESTINES AU TRAITEMENT DES INFECTIONS GRAM POSITIVES

(63) US 60/191,879 (CON) 23 Mar/mar 2000 (23.03.2000)

(71) **INFLUX, INC.** [US/US]; Suite 116/118, 2201 West Campbell Park Drive, Chicago, IL 60612 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARKHAM, Penelope, N.** [IE/US]; 631 N. Cuyler Avenue, Oak Park, IL 60302 (US). **KLYACHKO, Ekaterina, A.** [RU/US]; 3942 N. Clarendon St., Apt. 1S, Chicago, IL 60613 (US). **CRICH, David** [GB/US]; 800 South Wells, Apt. 1040, Chicago, IL 60607 (US). **JABER, Mohamad-Rami** [LB/US]; 962 Ontario Drive, Romeoville, IL 60446 (US). **JOHNSON, Michael, E.** [US/US]; 575 Elm Street, Winntka, IL 60093-2616 (US). **MULHEARN, Debbie, C.** [US/US]; 514 Kipling Court, Wheaton, IL 60187 (US). **NEYFAKH, Alexander, A.** [US/US]; 538 W. Belmont Ave., Apt. 3A, Oak Park, IL 60657 (US).

(74) **HIGHLANDER, Steven, L.**; Fulbright & Jaworski, L.L.P., Suite 2400, 600 Congress Ave., Austin, TX 78701 (US).

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

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

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(51)[7] **A61K 31/00**

(11) **WO 01/70214** (13) A2

(21) PCT/US01/09602

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,203 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • THE USE OF COCOA PROCYANIDINS COMBINED WITH ACETYLSALICYCLIC ACID AS AN ANTI-PLATELET THERAPY
• UTILISATION DES PROCYANIDINES DU CACAO COMBINEES A DE L'ACIDE ACETYLSALICYLIQUE EN TANT QUE TRAITEMENT ANTI-PLAQUETTAIRE

(71) **MARS, INC.** [US/US]; 6885 Elm Street, McLean, VA 22101-3883 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHMITZ, Harold, H.** [US/US]; 61 Harland School Road, Branchburg, NJ 08876 (US). **ROMANCZYK, Leo, J., Jr.** [US/US]; 4 Fern Drive, RD #3, Hackettstown, NJ 07840 (US).

(74) **NADA, Jain**; Clifford Chance Rogers & Wells LLP, 200 Park Avenue, New York, NY 10166 (US).

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

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

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(51)[7] **A61K 31/05, 31/015, 31/11, 31/085, 31/045, 31/09, 31/01, 31/4166, 31/35, A61P 31/04**

(11) **WO 01/70215** (13) A1

(21) PCT/AU01/00275

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) PQ 6323 **20 Mar/mar 2000** AU **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BACTERICIDAL PREPARATION
• PREPARATION BACTERICIDE

(71, 72) **BOECK, Harry** [AU/AU]; 2/33 Garratt Avenue, Fairy Meadow, NSW 2519 (AU).

(74) **WILSON, Garry, Adrian**; Wilson & Young, 225 Lawrence Street, Alexandria, NSW 2015 (AU).

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

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

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(51)[7] **A61K 31/12, 31/196, A61P 31/18**

(11) **WO 01/70216** (13) A2

(21) PCT/EP01/03343

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) MI2000A000629 **24 Mar/mar 2000** IT **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMPOUNDS WITH ANTI-HIV ACTIVITY
• COMPOSES POSSEDANT UNE ACTIVITE ANTI VIH

(71) **UNIHART CORPORATION** [IE/IE]; 41 Central Chambers, Dame Court, Dublin 2 (IE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TARRO, Giulio** [IT/IT]; Via Posillipo, 286, I-80123 Napoli (IT).

(74) **MINOJA, Fabrizio** et al. / etc.; Bianchetti Bracco Minoja S.r.l., Via Rossini, 8, I-20122 Milano (IT).

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

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

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(51)[7] **A61K 31/13, 31/415**

(11) **WO 01/70217** (13) A1

(21) PCT/US01/09334

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/533,723 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DNA-CLEAVING ANTITUMOR AGENTS
• AGENTS DE CLIVAGE DE L'ADN ANTITUMORAUX

(71) **RESEARCH DEVELOPMENT FOUNDATION** [US/US]; 402 North Division Street, Carson City, NV 89703 (US).

(72) **KERWIN, Sean, Michael**; 703 Ivy Court, Round Rock, TX 78681 (US). **DAVID, Wendi, M.**; 11 Cotton Gin Road, Uhland, TX 78640 (US). **KUMAR, Dalip**; 405 31st Street, Apt. 39, Austin, TX 78705 (US).

(74) **WEILER, James, F.**; 1 Riverway, Suite 1560, Houston, TX 77056 (US).

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

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

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(51)[7] **A61K 31/195**

(11) **WO 01/70218** (13) A1

(21) PCT/US01/08418

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/533,227 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR TREATING CONGESTIVE HEART FAILURE
• PROCEDE DE TRAITEMENT DE L'INSUFFISANCE CARDIAQUE GLOBALE

(71) **NORTH SHORE-LONG ISLAND JEWISH RESEARCH INSTITUTE** [US/US]; 350 Community Drive, Manhasset, NY 11030 (US).

(72) **KLEIN, Irwin**; 8 Luquer Road, Manhasset, NY 11303 (US). **OJAMMA, Kaie**; 23 Albin Street, Glen Cove, NY 11542 (US).

(74) **ARNOLD, Craig, J.**; Amster, Rothstein & Ebenstein, 90 Park Avenue, New York, NY 10016 (US).

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

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

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(51)[7] **A61K 31/195, C07D 265/12, C07C 229/00, 233/00, 235/00, 237/00, 239/00**

(11) **WO 01/70219** (13) A1

(21) PCT/US01/09154

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/191,285 **21 Mar/mar 2000** US **(21.03.2000)**

(30) 60/191,284 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF PREPARING ALKYLATED SALICYLAMIDES VIA A DICARBOXYLATE INTERMEDIATE
• PROCEDE DE PREPARATION DE SALICYLAMIDES ALKYLES PAR UN AGENT INTERMEDIAIRE DICARBOXYLATE

(71) **EMISPHERE TECHNOLOGIES, INC.** [US/US]; 765 Old Saw Mill River Road, Tarrytown, NY 10591 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERNADINO, Joseph, N.** [US/US]; 8 Ocean Drive West, Stamford, CT 06902 (US). **O'TOOLE, Doris, C.** [US/US]; 33 Lakeview Road, Carmel, NY 10512 (US). **BAY, William, E.** [US/US]; 20 Woodland Way, Ridgefield, CT 06877 (US).

(74) **LESSLER, Jay, P.** et al. / etc.; Darby & Darby P.C., 805 Third Avenue, New York, NY 10022-7513 (US).

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

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

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(51)[7] **A61K 31/335, 31/21**

(11) **WO 01/70220** (13) A1

(21) PCT/US00/07619

(22) **22 Mar/mar 2000 (22.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A METHOD OF ADMINISTERING LIPOSOMAL ENCAPSULATED TAXANE
• PROCEDE D'ADMINISTRATION DE TAXANE LIPOSOMAL ENCAPSULE

(71) **NEOPHARM, INC.** [US/US]; Suite 215, 100 Corporation North, Bannockburn, IL 60015 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAHMAN, Aquilar** [US/US]; Suite 215, 100 Corporation North, Bannockburn, IL 60015 (US).

(74) **GREEN, Robert, F.** et al. / etc.; Leydig, Voit & Mayer, Ltd., Suite 4900, Two Prudential Plaza, 180 North Stetson, Chicago, IL 60601-6780 (US).

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

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

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(51)[7] **A61K 31/40, 9/14, 47/12, 47/44, 47/38**

(11) **WO 01/70221** (13) A1

(21) PCT/JP01/02143

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ja (26) ja

(30) 2000-078692 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SUSTAINED RELEASE ORAL PREPARATIONS
• PREPARATIONS ORALES A LIBERATION PROLONGEE

(71) **NIPPON SHINYAKU CO., LTD.** [JP/JP]; 14, Kisshoin Nishinosho Monguchicho, Minami-ku, Kyoto-shi, Kyoto 601-8550 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YASUURA, Hiroyuki** [JP/JP]; 10-20, Hirai 5-chome, Kusatsu-shi, Shiga 525-0023 (JP). **AKADA, Kenya** [JP/JP]; E-2, 8-9, Kaiden 1-chome, Nagaokakyo-shi, Kyoto 617-0826 (JP). **IZUMI, Shogo** [JP/JP]; 3-94, Nishitsutsujigaoka Miyamadai 1-chome, Kameoka-shi, Kyoto 621-0845 (JP).

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

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

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(51)[7] **A61K 31/404, A61P 27/06**

(11) **WO 01/70222** (13) A2

(21) PCT/US01/05700

(22) **23 Feb/fév 2001 (23.02.2001)**

(25) en (26) en

(30) 60/190,279 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMPOUNDS WITH 5-HT_{1A} ACTIVITY USEFUL FOR TREATING DISORDERS OF THE OUTER RETINA
• COMPOSES A ACTIVITE AGONISTE SUR LE RECEPTEUR 5-HT_{1A} DESTINES AU TRAITEMENT DES AFFECTIONS DE LA RETINE EXTERNE

(71) **ALCON UNIVERSAL LTD.** [CH/CH]; P.O. Box 62, Bosch 60, CH-6331 Hunenberg (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COLLIER, Robert, J., Jr.** [US/US]; 3701 Big Bear Lake Drive, Arlington, TX 76016 (US). **KAPIN, Michael, A.** [US/US]; 3602 Silkwood Trail, Arlington, TX 76016 (US). **HELLBERG, Mark, R.** [US/US]; 5211 Overridge Drive, Arlington, TX 76017 (US). **DEAN, Thomas, R.** [US/US]; 101 Meadow View Court, Weatherford, TX 76087 (US).

(74) **YEAGER, Sally, S.** et al. / etc.; R & D Counsel, Mail Code Q-148, 6201 South Freeway, Fort Worth, TX 76134 (US).

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

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

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(51)[7] **A61K 31/4045, A61P 27/06**

(11) **WO 01/70223** (13) A1

(21) PCT/US01/05432

(22) **20 Feb/fév 2001 (20.02.2001)**

(25) en (26) en

(30) 60/190,279 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMPOUNDS WITH 5-HT_2 AND 5-HT_{1A} AGONIST ACTIVITY FOR TREATING GLAUCOMA
• COMPOSES A ACTIVITE AGONISTE SUR LES RECEPTEURS 5-HT_2 ET 5-HT_{1A} DESTINES AU TRAITEMENT DU GLAUCOME

(71) **ALCON UNIVERSAL LTD.** [CH/CH]; P.O. Box 62, Bosch 60, CH-6331 Hunenberg (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COLLIER, Robert, J., Jr.** [US/US]; 3701 Big Bear Lake Drive, Arlington, TX 76016 (US). **DEAN, Thomas, R.** [US/US]; 101 Meadow View Court, Weatherford, TX 76087 (US). **HELLBERG, Mark, R.** [US/US]; 5211 Overridge Drive, Arlington, TX 76017 (US).

(74) **YEAGER, Sally, S.** et al. / etc.; R & D Counsel, Mail Code Q-148, 6201 South Freeway, Fort Worth, TX 76134 (US).

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

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

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(51)[7] **A61K 31/421, A61P 9/00**

(11) **WO 01/70224** (13) A2

(21) PCT/FR01/00869

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) fr (26) fr

(30) 00/03708 **23 Mar/mar 2000** FR **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MATRIX DEVICE FOR TRANSDERMAL DELIVERY OF RILMENIDINE AND METHOD FOR PREPARING SAME
• DISPOSITIF MATRICIEL POUR L'ADMINISTRATION TRANSDERMIQUE DE RILMENIDINE ET SON PROCEDE DE PREPARATION

(71) **PIERRE FABRE MEDICAMENT** [FR/FR]; 45, place Abel-Gance, F-92100 Boulogne-Billancourt (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SOURNAC, Michel** [FR/FR]; 15, rue Ournac, F-31400 Toulouse (FR). **LIORZOU, Laurent** [FR/FR]; 56, chemin de Malbou, F-31240 L'Union (FR). **BOUGARET, Joël** [FR/FR]; Rue de la Mairie, F-31570 Lanta (FR).

(74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).

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

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

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(51)[7] **A61K 31/422, 9/20, A61P 31/04**

(11) **WO 01/70225** (13) A2

(21) PCT/US01/05812

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 60/190,969 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • OXAZOLIDINONE TABLET FORMULATION
• FORMULATION DE TABLETTE A BASE D'OXAZOLIDINONE

(71) **PHARMACIA & UPJOHN COMPANY** [US/US]; 301 Henrietta Street, Kalamazoo, MI 49001 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LIN, Homer** [US/US]; 5086 Durant Court, Oak Park, CA 91377 (US). **YAMAMOTO, Ken** [JP/US]; 6246 Independence Drive, Portable, MI 49024 (US).

(74) **STEIN, Bruce**; Intellectual Property Legal Services, Pharmacia & Upjohn Company, 301 Henrietta Street, Kalamazoo, MI 49001 (US).

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

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

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(51)[7] **A61K 31/44, C07D 213/61, 213/71**

(11) **WO 01/70226** (13) A1

(21) PCT/US01/08866

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,650 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 60/211,510 **14 Jun/juin 2000** US **(14.06.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NOVEL PROCESSES FOR PREPARING TORSEMIDE INTERMEDIATE
• NOUVEAUX PROCEDES DE PREPARATION D'UN INTERMEDIAIRE DE TORSEMIDE

(71) **TEVA PHARMACEUTICAL INDUSTRIES LTD.** [IL/IL]; Basel Street 5, P.O. Box 3190, 49131 Petah Tiqva (IL).
(for all designated States except / pour tous les États désignés sauf BB US)

(71) **TEVA PHARMACEUTICALS USA, INC.** [US/US]; 1090 Horsham Road, P.O. Box 1090, North Wales, PA 19454-1090 (US).
(only for / seulement pour BB)

(72, 75) **KORDOVA, Marco** [IL/IL]; Rothchild 78/14, Kfar Saba (IL).

(74) **BRAINARD, Charles, R.** et al. / etc.; Kenyon & Kenyon, One Broadway, New York, NY 10004 (US).

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

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

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(51)[7] **A61K 31/47, 31/505, A61P 5/24, C07D 215/16, 401/00**

(11) **WO 01/70227** (13) A1

(21) PCT/US01/07878

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 60/190,418 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ANTAGONISTS OF GONADOTROPIN RELEASING HORMONE
• ANTAGONISTES DE L'HORMONE DE LIBERATION DE LA GONADOTROPINE

(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) **DEVITA, Robert, J.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **GOULET, Mark, T.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **PARIKH, Mamta** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(74) **MERCK & CO., INC.**; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

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

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

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(51)[7] **A61K 31/47, 31/505, A61P 5/24, C07D 215/16, 401/00**

(11) **WO 01/70228** (13) A1

(21) PCT/US01/08145

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 60/190,416 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ANTAGONISTS OF GONADOTROPIN RELEASING HORMONE
• ANTAGONISTES DE L'HORMONE DE LIBERATION DE LA GONADOTROPHINE

(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) **DEVITA, Robert, J.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **GOULET, Mark, T.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **PARIKH, Mamta** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(74) **MERCK & CO., INC.**; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

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

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

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(51)[7] **A61K 31/495, 31/50, 31/535, A61P 7/02, C07D 401/00, 498/00**

(11) **WO 01/70229** (13) A1

(21) PCT/US01/08733

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/191,559 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • THROMBIN INHIBITORS
• INHIBITEURS DE THROMBINE

(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) **BARROW, James, C.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **DORSEY, Bruce, D.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **SELNICK, Harold, G.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **NGO, Phung, L.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(74) **MERCK & CO., INC.**; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

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

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

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(51)[7] **A61K 31/506, A61P 27/06**

(11) **WO 01/70230** (13) A2

(21) PCT/US01/05740

(22) **23 Feb/fév 2001 (23.02.2001)**

(25) en (26) en

(30) 60/190,279 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMPOUNDS WITH 5-HT ACTIVITY USEFUL FOR CONTROLLING VISUAL FIELD LOSS
• COMPOSES A ACTIVITE AGONISTE SUR LE RECEPTEUR 5-HT UTILISES POUR ENRAYER LA PERTE DU CHAMP VISUEL

(71) **ALCON UNIVERSAL LTD.** [CH/CH]; P.O. Box 62, Bosch 60, CH-6331 Hunenberg (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COLLIER, Robert, J., Jr.** [US/US]; 3701 Big Bear Lake Drive, Arlington, TX 76016 (US). **HELLBERG, Mark, R.** [US/US]; 5211 Overridge Drive, Arlington, TX 76017 (US). **DEAN, Thomas, R.** [US/US]; 101 Meadow View Court, Weatherford, TX 76087 (US).

(74) **YEAGER, Sally, S.** et al. / etc.; R & D Counsel, Mail Code Q-148, 6201 South Freeway, Fort Worth, TX 76134 (US).

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

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

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(51)[7] **A61K 31/52, A61P 25/00**

(11) **WO 01/70231** (13) A2

(21) PCT/FR01/00850

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) fr (26) fr

(30) 00/03673 **22 Mar/mar 2000** FR **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • USE OF SUBSTANCES MODULATING THE EXPRESSION OR THE FUNCTION OF A PROTEIN INVOLVED IN THE CELL CYCLE FOR TREATING OR PREVENTING ACUTE NEURAL INJURIES
• UTILISATION DE SUBSTANCES MODULATRICES DE L'EXPRESSION OU DE LA FONCTION D'UNE PROTEINE IMPLIQUEE DANS LE CYCLE CELLULAIRE POUR LE TRAITEMENT OU LA PREVENTION DES LESIONS NEURALES AIGUËS

(71) **CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE -CNRS-** [FR/FR]; 3, rue Michel-Ange, F-75794 Paris Cedex 16 (FR). **INSERM** [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) **TIMSIT, Serge** [FR/FR]; 112 ter, avenue de Suffren, F-75015 Paris (FR). **CAVELIER, Pauline** [FR/FR]; 75 Grand Rue, F-67000 Strasbourg (FR). **BEN-ARI, Yehezkel** [FR/FR]; 2, quai de Rive Neuve, F-13001 Marseille (FR). **KHRESTCHATISKY, Michel** [FR/FR]; Chemin de Sauveclare, Quartier Saint-Barthélemy, F-13390 Auriol (FR). **MEIJER, Laurent** [FR/FR]; 16, rue de Bir-Hakeim, F-29682 Roscoff (FR).

(74) **BREESE-MAJEROWICZ**; 3, avenue de l'Opéra, F-75001 Paris (FR).

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

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

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(51)[7] **A61K 31/55, A61P 19/08, 19/10, C07D 401/00, 403/00, 413/00**

(11) **WO 01/70232** (13) A1

(21) PCT/US01/07094

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) en (26) en

(30) 60/191,000 **21 Mar/mar 2000** US **(21.03.2000)**

(30) 60/206,341 **23 May/mai 2000** US **(23.05.2000)**

(30) 60/211,759 **14 Jun/juin 2000** US **(14.06.2000)**

(30) 60/217,445 **10 Jul/juil 2000** US **(10.07.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROTEASE INHIBITORS
• INHIBITEUR DE PROTEINASE

(71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US).
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(72, 75) **CUMMINGS, Maxwell, D.** [CA/US]; 659 West Valley Road, Strafford, PA 19087 (US). **MARQUIS Robert, W., Jr.** [US/US]; 209 Country Gate, Wayne, PA 19087 (US). **RU, Yu** [CN/US]; 1509 Hancock Lane, Wayne, PA 19087 (US). **THOMPSON, Scott, K.** [US/US]; 75 Guilford Circle, Phoenixville, PA 19460 (US). **VEBER, Daniel, F.** [US/US]; 290 Batleson Road, Ambler, PA 19002 (US). **YAMASHITA, Dennis, S.** [US/US]; 531 Walker Road, Wayne, PA 19087 (US).

(74) **STERCHO, Yuriy, P.** et al. / etc.; Smithkline Beecham Corporation, Corporate Intellectual Property, UW2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).

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

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

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(51)[7] **A61K 31/557, 31/341, 31/357, A61P 9/10, 25/28**

(11) **WO 01/70233** (13) A2

(21) PCT/JP01/02307

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,755 **24 Mar/mar 2000** US **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • APOPTOSIS INHIBITOR
• INHIBITEUR DE L'APOPTOSE

(71) **R-TECH UENO, LTD.** [JP/JP]; 4-8, Koraibashi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0043 (JP).

(72) **UENO, Ryuji**; 11025 Stanmore Drive, Potomac, Montgomery, MD 20854 (US). **MASHIMA, Yukihiko**; 3-6-1, Chuo, Nakano-ku, Tokyo 164-0011 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

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

SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

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(51)[7] **A61K 31/573, 47/40, A61P 23/00**

(11) **WO 01/70234** (13) A1

(21) PCT/AU01/00307

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) PQ 6339 **20 Mar/mar 2000** AU **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ANAESTHETIC COMPOSITION
• COMPOSITION ANESTHESIQUE

(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) **KIERAN, Peter, John** [AU/AU]; 85 Gardiners Road, Rutherford, NSW 2320 (AU). **LAU, Kai, Kin** [AU/AU]; 6 Pykett Place, Dural, NSW 2158 (AU). **PATTEN, Barry, Edward** [AU/AU]; 26 Malvern Street, Panania, NSW 2213 (AU).

(74) **F B RICE & CO**; 605 Darling Street, Balmain, NSW 2041 (AU).

(81) AU CA JP NZ SG US ZA.

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

Published / Publiée : *(a)*

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(51)[7] **A61K 31/60, 31/16, 7/48**

(11) **WO 01/70235** (13) A1

(21) PCT/FR01/00813

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) fr (26) fr

(30) 00/03557 **20 Mar/mar 2000** FR **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMPOSITION BASED ON SPHINGOLIPID AND BETA-HYDROXY-ACID FOR SKIN CARE
• COMPOSITION A BASE DE SPHINGOLIPIDE ET DE BETA-HYDROXY-ACIDE POUR LES SOINS DE LA PEAU

(71) **LABORATOIRE D'EVOLUTION DERMATOLOGIQUE (L.E.D.)** [FR/FR]; 7, rue d'Aguesseau, F-75008 Paris (FR).
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(72, 75) **ESTANOVE, Cyril** [FR/FR]; 103, avenue André Morizet, F-92100 Boulogne (FR). **CLEMENCEAU, Florence** [FR/FR]; 2, allée des Chevaliers, F-78000 Versailles (FR).

(74) **L'HELGOUALCH, Jean** et al. / etc.; Cabinet Sueur & L'Helgoualch, 109, boulevard Haussmann, F-75008 Paris (FR).

(81) AU BR CA CN CZ HU IL IN JP KR MX NO PL RU SI SK TR US ZA.

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

Published / Publiée : *(c)*

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(51)[7] **A61K 31/655**

(11) **WO 01/70236** (13) A1

(21) PCT/US01/09010

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/190,785 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PREVENTION AND/OR TREATMENT OF DIABETES MELLITUS BY PHARMACOLOGICALLY INHIBITING PANCREATIC BETA-CELL O-LINKED PROTIN GLYCOSYLATION AND/OR PANCREATIC BETA-CELL p135 O-GLYCOSYLATION
• PREVENTION ET/OU TRAITEMENT DU DIABETE SUCRE PAR INHIBITION PHARMACOLOGIQUE DE LA GLYCOSYLATION DE LA PROTEINE A LIAISON O DE CELLULE BETA PANCREATIQUE ET/OU DE LA O-GLYCOSYLATION P135 DE CELLULE BETA PANCREATIQUE

(71) **UAB RESEARCH FOUNDATION** [US/US]; 701 South 20th Street, Suite 1120G/AB, Birmingham, AL 35294-0111 (US).

(72) **KONRAD, Robert**; 109 Southview Terrace, Hoover, AL 35244 (US). **KUDLOW, Jeffrey**; 3833 North Woodridge Road, Birmingham, AL 35223 (US).

(74) **ADLER, Benjamin, A.**; Adler & Associates, 8011 Candle Lane, Houston, TX 77071 (US).

(81) AU CA JP.

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

Published / Publiée : *(c)*

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(51)[7] **A61K 31/66, 31/662, 31/665, 31/675, A61P 31/04, 31/10, 31/12, 33/00, 33/06**

(11) **WO 01/70237** (13) A1

(21) PCT/EP01/03201

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) de (26) de

(30) 100 14 127.7 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • USE OF ORGANOPHOSPHOROUS COMPOUNDS FOR PRODUCING A MEDICAMENT FOR TREATING INFECTIONS
• UTILISATION DE COMPOSES ORGANOPHOSPHORES POUR LA FABRICATION D'UN MEDICAMENT DESTINE AU TRAITEMENT D'INFECTIONS

(71) **JOMAA PHARMAKA GMBH** [DE/DE]; Frankfurter Strasse 50, 35392 Giessen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JOMAA, Hassan** [DE/DE]; Frankfurter Strasse 50, 35392 Giessen (DE).

(74) **PANTEN, Kirsten** et al. / etc.; Reichel und Reichel, Parkstrasse 13, 60322 Frankfurt am Main (DE).

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

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

Published / Publiée : *(c)*

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(51)[7] **A61K 31/70, 31/195**

(11) **WO 01/70238** (13) A1

(21) PCT/US01/08821

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/528,886 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CREATINE CONTAINING CARAMEL
• CARAMEL A TENEUR EN CREATINE

(71) **LIFESMART NUTRITION, INC.** [US/US]; 8 East Broadway, Suite 200, Salt Lake City, UT 84111 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WARNACKE, Melvin** [—/US]; 610 Hidden Hollow Road, Chattanooga, TN 37421 (US). **HELLYER, Richard, W.** [—/US]; 453 Greenwood Ave., East Dundee, IL 60118 (US). **DONNELL, Darold** [—/US]; 5502 RFD, Long Grove, IL 60047 (US).

(74) **WESTERN, M., Wayne** et al. / etc.; Thorpe North & Western, LLP, P.O. Box 1219, Sandy, UT 84091-1219 (US).

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

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

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(51)[7] **A61K 31/7048**

(11) **WO 01/70239** (13) A1

(21) PCT/US01/08983

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/191,264 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • USE OF AZITHROMYCIN FOR INFECTIONS WITH LEISHMANIA
• UTILISATION DE L'AZITHROMYCINE CONTRE LES INFECTIONS PAR LEISHMANIA

(71) **THOMAS JEFFERSON UNIVERSITY** [US/US]; Suite 630, 1020 Walnut Street, Philadelphia, PA 19107 (US).

(72) **ABRAHAM, David, John**; 1418 Surrey Lane, Wynnewood, PA 19096 (US). **KROLEWEICKI, Alejandro, Javier**; Gurruchaga 2371 dto. 23 (1425), Buenos Aires (AR).

(74) **SMITH, Janet, B.**; 1020 Walnut Street, Suite 625, Philadelphia, PA 19107 (US).

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

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

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(51)[7] **A61K 33/02, 38/54, 31/13, 31/16**

(11) **WO 01/70240** (13) A1

(21) PCT/US01/08425

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,854 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • USE OF ALKYLAMMONIUM SALTS AS PROTEIN CRYSTALLIZATION REAGENTS
• UTILISATION DE SELS D'ALKYLAMMONIUM COMME REACTIFS DE CRYSTALLISATION DE PROTEINE

(71) **THE UNIVERSITY OF TOLEDO** [US/US]; 2801 West Bancroft Street, Toledo, OH 43606 (US).
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(72, 75) **FLOWERS, Robert, A., II** [US/US]; 3325 W. Bancroft Street, Toledo, OH 43606 (US). **BORGSTAHL, Gloria, E., O.** [US/US]; 3204 Kylemore Road, Toledo, OH 43606 (US).

(74) **MARTINEAU, Catherine, B. Emch, Schaffer, Schaub & Porcello, Co. L.P.A.**; P.O. Box 916, Toledo, OH 43697-0916 (US).

(81) CA CN JP US.

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

Published / Publiée : *(c)*

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(51)[7] **A61K 33/04, 33/06, 33/14, 33/18, C01B 19/00, C02F 1/00**

(11) **WO 01/70241** (13) A1

(21) PCT/IL01/00265

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,084 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 60/190,083 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PRODUCTION AND USE OF DISSOLVED BIOAVAILABLE SELENIUM
• PRODUCTION ET UTILISATION DE SELENIUM BIODISPONIBLE DISSOUS

(71) **DARICOM LTD., NATURAL HEALTH PRODUCTS** [IL/IL]; Shoham Street 49, 42100 Netanya (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERMAN, Daniel** [IL/IL]; Rabi Friedman Street 49, 62303 Tel Aviv (IL).

(74) **EITAN, PEARL, LATZER & COHEN-ZEDEK**; 2 Gav Yam Center, Shenkar Street 7, 46725 Herzlia (IL).

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

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

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(51)[7] **A61K 33/18**

(11) **WO 01/70242** (13) A2

(21) PCT/IL01/00277

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 135222 **22 Mar/mar 2000** IL **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMPOSITIONS CONTAINING MOLECULAR IODINE
• COMPOSITIONS CONTENANT DE L'IODE MOLECULAIRE

(71) **BEN GURION UNIVERSITY OF THE NEGEV RESEARCH AND DEVELOPMENT AUTHORITY** [IL/IL]; P.O. Box 653, 84105 Beer Sheva (IL). **YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM** [IL/IL]; Jabotinsky Street 46, 92182 Jerusalem (IL).
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(72, 75) **WORMSER, Uri** [IL/IL]; Even Shmuel Street 55/2, 97230 Jerusalem (IL). **SINTOV, Amnon** [IL/IL]; Oren Street 27, 84965 Omer (IL).

(74) **WOLFF, BREGMAN AND GOLLER**; P.O. Box 1352, 91013 Jerusalem (IL).

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

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

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(51)[7] **A61K 35/00**

(11) **WO 01/70243** (13) A2

(21) PCT/US01/09275

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/533,553 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A METHOD FOR TREATING EARLY STAGE BREAST CANCER USING HIGH DOSE CHEMOTHERAPY AND SELECTED STEM CELL TRANSPLANTS
• METHODE PERMETTANT DE TRAITER UN CANCER DU SEIN A UN STADE PRECOCE A L'AIDE D'UNE CHIMIOTHERAPIE A DOSES ELEVEES ET DE TRANSPLANTS SELECTIONNES DE CELLULES SOUCHES

(71) **NEXELL THERAPEUTICS INC.** [US/US]; 9 Parker, Irvine, CA 92718-1605 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MILLS, Bonnie, J.** [US/US]; 32071 Via Buho, Trabuco Canyon, CA 92679 (US).

(74) **INSKEEP, James, W.**; Oppenheimer Wolff & Donnelly LLP, Suite 700, 500 Newport Center Drive, Newport Beach, CA 92660 (US).

(81) US.

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

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(51)[7] **A61K 35/12, 38/00, 38/04, 39/00, 39/395, 48/00, C07H 21/04, C07K 5/00, 5/04, 7/02, 14/00, 16/00, 16/18, C12N 15/09, 15/63**

(11) **WO 01/70244** (13) A1

(21) PCT/US01/08083

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 60/190,361 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HUMAN PARIS-1 ANTIGEN AND NUCLEIC ACIDS: DIAGNOSTIC AND THERAPEUTIC USES
• ANTIGENE HUMAIN PARIS-1 ET ACIDES NUCLEIQUES: UTILISATIONS DIAGNOSTIQUES ET THERAPEUTIQUES

(71) **NORTHWEST BIOTHERAPEUTICS, INC.** [US/US]; 21720 23rd Drive SE, Suite 100, Bothell, WA 98021 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZHOU, Yaling** [CN/US]; 2203 N. 106th, #E308, Seattle, WA 98133 (US).

(74) **POOR, Brian, W.** et al. / etc.; Townsend and Townsend and Crew, Llp, 2 Embarcadero Center, 8th Floor, San Francisco, CA 94111 (US).

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

ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

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(51)[7] **A61K 35/28**

(11) **WO 01/70245** (13) A1

(21) PCT/US01/09616

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,274 **22 Mar/mar 2000** US **(22.03.2000)**

(30) 60/204,249 **15 May/mai 2000** US **(15.05.2000)**

(30) 60/264,003 **23 Jan/jan 2001** US **(23.01.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • IMMUNE MEDIATORS AND RELATED METHODS
• MEDIATEUR IMMUNITAIRE ET METHODES ASSOCIEES

(71) **CORIXA CORPORATION** [US/US]; 1124 Columbia Street, Suite 200, Seattle, WA 98104 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CARTER, Darrick** [US/US]; 321 Summit Avenue East, Seattle, WA 98102 (US). **ZHU, Shirley** [US/US]; 152 Oxford Lane, Apt. 1, San Bruno, CA 94066 (US). **ARIMILLI, Subhashini** [US/US]; 4789 Ridgewood Drive, Fremont, CA 94555 (US). **WANG, Aijun** [CN/US]; 3106 213th Place SE, Issaquah, WA 98029 (US).

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

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

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(51)[7] **A61K 35/74, A23L 1/29, A61P 31/00**

(11) **WO 01/70246** (13) A1

(21) PCT/EP01/03271

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 00106441.9 **24 Mar/mar 2000** EP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • USE OF LACTIC ACID BACTERIUM FOR THE TREATMENT OF PERITONITIS
• UTILISATION D'UNE BACTERIE LACTIQUE DESTINEE AU TRAITEMENT DE LA PERITONITE

(71) **SOCIETE DES PRODUITS NESTLE S.A.** [CH/CH]; P.O Box 353, CH-1800 Vevey (CH).
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(72, 75) **SCHIFFRIN, Eduardo** [AR/CH]; Chemin de Riant-Mont 17, CH-1023 Crissier (CH). **GUARNER, Carlos** [ES/ES]; Hospital de la Santa Creu i Sant Pau, Sant Antoni M. Claret, 167, E-08025 Barcelona (ES). **SORIANO, German** [ES/ES]; Hospital de la Santa Creu i Sant Pau, Sant Antoni M. Claret, 167, E-08025 Barcelona (ES).

(74) **KURIG, Thomas**; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

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(51)[7] **A61K 35/74, 39/112**

(11) **WO 01/70247** (13) A2

(21) PCT/US01/08042

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 60/190,178 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SALMONELLA VACCINE MATERIALS AND METHODS
• MATERIAUX DE VACCIN A BASE DE SALMONELLE ET PROCEDES ASSOCIES

(71) **PHARMACIA & UPJOHN** [US/US]; Global Intellectual Property, Building 209, Kalamazoo, MI 49001 (US).
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(72, 75) **LOWERY, David, E.** [US/US]; 1207 Woodland Drive, Portage, MI 49024 (US). **KENNEDY, Michael, J.** [US/US]; 2364 Quincy Avenue, Portage, MI 49024 (US).

(74) **WILLIAMS, Joseph, A., Jr.**; Marshall, 0'Toole, Gerstein, Murray & Borun, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606 (US).

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

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

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(51)[7] **A61K 35/78, 45/06, 31/352, A61P 9/10 // (A61K 35/78, 31:35)**

(11) **WO 01/70248** (13) A1

(21) PCT/NL01/00233

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 00201051.0 **22 Mar/mar 2000** NL **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMPOSITIONS SUITABLE FOR THE TREATMENT OF DAMAGE CAUSED BY ISCHEMIA/REPERFUSION OR OXIDATIVE STRESS
• COMPOSITIONS CONCUES POUR LE TRAITEMENT DE LESIONS PROVOQUEES PAR L'ISCHEMIE/REPERFUSION OU LE STRESS OXYDATIF

(71) **N.V. NUTRICIA** [NL/NL]; P.O. Box 1, NL-2700 MA Zoetermeer (NL).
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(72, 75) **VAN NORREN, Klaske** [NL/NL]; Fluitersdreef 4, NL-6871 LP Renkum (NL). **VAN HOORN, Eduard, Christiaan** [NL/NL]; Brittanjesingel 56, NL-6671 AZ Zetten (NL). **LEUVENINK, Hendrik, Gerrit, Derk** [NL/NL]; Volmachten 28, NL-9481 HN Vries (NL). **HOFMAN, Zandrie** [NL/NL]; Bereklouw 18, NL-6721 RH Bennekom (NL).

(74) **JORRITSMA, Ruurd**; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

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

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

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(51)[7] **A61K 35/78, A61P 43/00, A61K 7/48**

(11) **WO 01/70249** (13) A1

(21) PCT/NL01/00240

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) nl (26) en

(30) 1014751 **24 Mar/mar 2000** NL **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COSMETIC USE OF HOP AND ORNITHINE
• UTILISATION COSMETIQUE DE HOUBLON ET D'ORNITHINE

(71, 72) **VAN DE WIEL, Adriaan, Emanuel, Hendricus, Anna, Maria** [NL/NL]; Goorsteeg 90, NL-6718 TB Ede (NL). **CHRISTIAANS, Marijke** [NL/NL]; Goorsteeg 90, NL-6718 TB Ede (NL).

(74) **VISSER-LUIRINK, Gesina**; Octrooibureau LIOC, P.O. Box 13363, NL-3507 LJ Utrecht (NL).

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

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

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(51)[7] **A61K 35/78, A61P 11/02**

(11) **WO 01/70250** (13) A1

(21) PCT/US00/08050

(22) **23 Mar/mar 2000 (23.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HERBAL REMEDY FOR TREATING NASAL CONGESTION
• REMEDE A BASE DE PLANTES MEDICINALES DESTINE AU TRAITEMENT DES CONGESTIONS NASALES

(71, 72) **ZHANG, Zhenzhen** [US/US]; 37 Cresent Street, Newton, MA 02465 (US). **HE, Deguang** [US/US]; 37 Cresent Street, Newton, MA 02465 (US).

(81) AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SI SK TJ TT UA US UZ VN.

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

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(51)[7] **A61K 35/84, 31/715, A61P 43/00, 35/00**

(11) **WO 01/70251** (13) A1

(21) PCT/JP01/02315

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-128616 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ANTICANCER COMPOSITIONS
• COMPOSITION ANTINEOPLASIQUE

(71) **ORIENT CANCER THERAPY CO., LTD.** [JP/JP]; 1-21, Osawa 1-chome, Mitaka-shi, Tokyo 181-0015 (JP).
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(72, 75) **YAGITA, Akikuni** [JP/JP]; 1-21, Osawa 1-chome, Mitaka-shi, Tokyo 181-0015 (JP).

(74) **SHOJI, Takashi** et al. / etc.; 6F, SN Iwamotocho Bldg., 2-10, Iwamotocho 3-chome, Chiyoda-ku, Tokyo 101-0032 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

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(51)[7] **A61K 38/00, 39/00, 39/02, C07K 1/00, C12P 21/06, C12N 15/00, C07H 21/04**

(11) **WO 01/70252** (13) A1

(21) PCT/US01/08963

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/190,949 **21 Mar/mar 2000** US **(21.03.2000)**

(30) 09/812,635 **20 Mar/mar 2001** US **(20.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NOVEL BORRELIA BURGDORFERI POLYPEPTIDES AND USES THEREOF
• NOUVEAUX POLYPEPTIDES BORRELIA BURGDORFERI ET UTILISATION RELATIVE

(71) **TUFTS UNIVERSITY** [US/US]; 136 Harrison Street, Boston, MA 02111 (US).

(72) **HUBER, Brigitte, T.**; 175 Grove Street, Cambridge, MA 02110 (US). **WILLETT, Theresa**; 9 Franklin Street, Watertown, MA 02472 (US). **MEYER, Abbie**; 16 Fletcher Street, Roslindale, MA 02131 (US). **GROSS, Dawn**; 76 Undine Road, Brighton, MA 02135 (US).

(74) **RESNICK, David, S.**; Nixon Peabody LLP, 101 Federal Street, Boston, MA 02110 (US).

(81) AU CA JP.

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

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(51)[7] **A61K 38/17, A61P 19/00, 29/00, 37/00**

(11) **WO 01/70253** (13) A1

(21) PCT/EP01/02991

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 00201063.5 **23 Mar/mar 2000** NL **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • USE OF MIA IN IMMUNOTHERAPY
• UTILISATION DE LA PROTEINE MIA DANS L'IMMUNOTHERAPIE

(71) **AKZO NOBEL N.V.** [NL/NL]; Velperweg 76, NL-6824 BM Arnhem (NL).
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(72, 75) **NELISSEN, Robert, Louis, Hubert** [NL/NL]; Buitenhof 5, NL-5346 WJ Oss (NL). **VERHEIJDEN, Gijsbertus, Franciscus, Maria** [NL/NL]; Heischouw 7, NL-5345 XT Oss (NL).

(74) **VAN WEZENBEEK, Petrus, M., G., F.**; P.O. Box 20, NL-5340 BH Oss (NL).

(81) AE AG AL AU BA BB BG BR BZ CA CN CO CR CU CZ DM DZ EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX MZ NO NZ PL RO RU SG SI SK SL TR TT UA US UZ VN YU ZA.

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

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(51)[7] **A61K 38/17, A61P 3/04, 3/10, 5/48, C07K 14/705**

(11) **WO 01/70254** (13) A1

(21) PCT/GB01/01211

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 0006864.3 **21 Mar/mar 2000** GB **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • USE OF HUMAN NOT1 AND NOT1A ORPHAN RECEPTORS
• UTILISATION DES RECEPTEURS ORPHELINS HUMAINS NOT1 ET NOT1A

(71) **SMITHKLINE BEECHAM P.L.C.** [GB/GB]; New Horizons Court, Brentford, Middlesex TW8 9EP (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CAIRNS, William, John** [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). **HOLDER, Julie, Caroline** [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). **PATEL, Lisa** [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).

(74) **CONNELL, Anthony, Christopher**; Corporate Intellectual Property, SmithKline Beecham, Two New Horizons Court, Brentford, Middlesex TW8 9EP (GB).

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

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

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(51)[7] **A61K 38/18, 31/10, 31/18, 31/353, 31/404, 31/505, 31/517, 39/395, A61P 35/00, 17/00**

(11) **WO 01/70255** (13) A2

(21) PCT/US01/08207

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 60/190,697 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMBINED TREATMENT WITH KERATINOCYTE GROWTH FACTOR AND EPIDERMAL GROWTH FACTOR INHIBITOR
• TRAITEMENT COMBINE UTILISANT LE FACTEUR DE CROISSANCE DES KERATINOCYTES ET UN INHIBITEUR DU FACTEUR DE CROISSANCE EPIDERMIQUE

(71) **PFIZER PRODUCTS, INC.** [US/US]; Eastern Point Road, Groton, CT 06340 (US). **OSI PHARMACEUTICALS, INC.** [US/US]; 106 Charles Lindbergh Boulevard, Uniondale, NY 11553-3649 (US).
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(72, 75) **MILLER, Penelope, Elizabeth** [US/US]; 56 Hancock Drive, Mystic, CT 06355 (US). **MOYER, James, Dale** [US/US]; 5 Jefferson Drive, East Lyme, CT 06333 (US).

(74) **RICHARDS, John**; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US).

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

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

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(51)[7] **A61K 38/27, 31/07, 31/355**

(11) **WO 01/70256** (13) A1

(21) PCT/KR00/01151

(22) **16 Oct/oct 2000 (16.10.2000)**

(25) en (26) en

(30) 2000-0015091 **24 Mar/mar 2000** KR **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A SOMATOTROPIN COMPOSITION WITH IMPROVED SYRINGEABILITY
• COMPOSITION DE SOMATOTROPHINE SE PRETANT MIEUX A L'INJECTION PAR SERINGUE

(71) **LG CHEMICAL LTD.** [KR/KR]; 20, Yoido-dong, Youngdungpo-ku, Seoul 150-721 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIM, Nam, Joong** [KR/KR]; Hansin kookwha Apt. #603-301, Samcheon-dong, Seo-ku, Taejon-si 302-222 (KR). **RYOO, Je, Phil** [KR/KR]; Hyundai Apt. #103-504, Doryong-dong, Yusong-ku, Taejon-si 305-340 (KR).

(74) **CHO, In Jae**; 7th Floor, HanJoongAng Building, #646-7, Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) AU BR CA MX US ZA.

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

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(51)[7] **A61K 38/45, 39/02, 39/106, 39/108, C12N 9/10**

(11) **WO 01/70257** (13) A1

(21) PCT/US01/08582

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,058 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CHIMERIC NONTOXIC MUTANTS OF ENTEROTOXINS AS MUCOSAL ADJUVANTS FOR CELL-MEDIATED OR HUMORAL IMMUNITY
• MUTANTS CHIMERIQUES NON TOXIQUES D'ENTEROTOXINES EN TANT QU'ADJUVANTS DES MUQUEUSES DESTINES A L'IMMUNITE A MEDIATION CELLULAIRE OU HUMORALE

(71) **UAB RESEARCH FOUNDATION** [US/US]; University of Alabama at Birmingham, 1120G Administration Building, 701 20th Street South, Birmingham, AL 35294-0111 (US).

(72) **MCGHEE, Jerry**; 1038 Oak Tree Road, Hoover, AL 35244 (US). **KIYONO, Hiroshi**; 1-7-204 Matsunouchi-cho, Ashiya, Hyogo 659-0094 (JP). **TAKEDA, Yoshifumi**; 2-1-3 Nukui-Kitamachi Koganei, Tokyo 184-0015 (JP). **OHMURA, Mari**; Sanadajo 102, Tanakamachi 5179, Niigata 951-8103 (JP). **YAMAMOTO, Shingo**; 2-1-3 Nukui-Kitamachi, Koganei, Tokyo (JP).

(74) **HENDRICKS, Glenna**; P.O. Box 2509, Fairfax, VA 22031 (US).

(81) AU CA GB JP.

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

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(51)[7] **A61K 38/47, 38/48, 31/355**

(11) **WO 01/70258** (13) A1

(21) PCT/BR01/00026

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PHARMACEUTICAL COMPOSITION OF CARRIER SUBSTANCE FOR PRODUCTS BASED ON VITAMIN-E, BROMELINE AND HYALURONIDASE
• COMPOSITION PHARMACEUTIQUE POUR EXCIPIENT POUR PRODUITS A BASE DE VITAMINE E, DE BROMELINE ET D'HYALURONIDASE

(71) **TOPIC EMPREENDIMENTOS E PARTICIPAÇÕES S/C LTDA.** [BR/BR]; Calçada das Bétulas, 48 - Conj. 4, Centro Comercial Alphaville, CEP-06453-000 Barueri, SP (BR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SANTANA, Cristiano, Alberto, Ribeiro** [BR/BR]; Rua Almirante P. Guimarães, 176, Pacaembú, CEP-01250-000 São Paulo, SP (BR). **DE NUCCI, Gilberto** [BR/BR]; Av. Jesuino Marcondes Machado 415, Campinas, CEP-13092-320 São Paulo, SP (BR). **FALCI, Marcio** [BR/BR]; Av. Marechal Hastinphilo de Moura, 338, G-12A, CEP-05641-900 São Paulo, SP (BR).

(74) **CRUZEIRO/NEWMARC PATENTES E MARCAS LTDA.**; Rua Itajobi, 79, Pacaembu, CEP-01246-010 São Paulo, SP (BR).

(81) AU CA CN CZ HU ID IL IN IS JP KR MX NO NZ PL TR US.

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(51)[7] **A61K 38/48, 35/78, A61P 1/10, 1/14**

(11) **WO 01/70259** (13) A1

(21) PCT/NZ01/00044

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 503500 **21 Mar/mar 2000** NZ **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • IMPROVEMENTS IN AND RELATING TO DIGESTIVE/LAXATIVE COMPOSITIONS
• AMELIORATIONS RELATIVES A DES COMPOSITIONS DIGESTIVES-LAXATIVES

(71, 72) **DONALDSON, Bruce, William** [NZ/NZ]; Abbebille Farm, Nixon Road, Manukau City 1701, Auckland (NZ).

(74) **WILSON, Kathryn, S.** et al. / etc.; Level 12, KPMG Centre, 85 ALexandra Street, Private Bag 3140, Hamilton (NZ).

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

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

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(51)[7] **A61K 39/00, 39/395, C07K 16/00, 16/28**

(11) **WO 01/70260** (13) A1

(21) PCT/US01/08383

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/531,088 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CD18-BINDING ANTIBODIES INHIBIT STENOSIS-RELATED DISORDERS
• ANTICORPS SE LIANT A CD18 ET INHIBANT DES TROUBLES APPARENTES A LA STENOSE

(71) **MILLENNIUM PHARMACEUTICALS, INC.** [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US).

(72) **HORVATH, Christopher, J.**; 209 Plain Street, Taunton, MA 02780 (US).

(74) **COLBY, Gary, D.** et al. / etc.; Akin, Gump, Strauss, Hauer & Feld, L.L.P., Suite 2000, One Commerce Square, 2005 Market Street, Philadelphia, PA 19103-7986 (US).

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

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

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(51)[7] **A61K 39/00, A23J 1/00, C07H 21/04, C07K 16/00, C12P 21/06, C12Q 1/00**

(11) **WO 01/70261** (13) A1

(21) PCT/US01/08998

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/191,089 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SPERM FACTOR OSCILLOGENIN
• OSCILLOGENINE FACTEUR DE SPERME

(63) US 60/191,089 (CON) 22 Mar/mar 2000 (22.03.2000)

(71) **UNIVERSITY OF MASSACHUSETTS, as represented by its AMHERST CAMPUS** [US/US]; Office of the Vice Chancellor for Research at Amhe, rst, Amherst, MA 01002 (US).
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(72, 75) **FISSORE, Rafael, A.** [AR/US]; 562 Montague Road, Amherst, MA 01002 (US).

(74) **TESKIN, Robin, L.** et al. / etc.; Pillsbury Winthrop LLP, 1100 New York Avenue, NW, Washington, DC 20005 (US).

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

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

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(51)[7] **A61K 39/12**

(11) **WO 01/70262** (13) A2

(21) PCT/US01/08108

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 60/189,981 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A METHOD FOR GENERATING IMMUNOGENS THAT ELICIT NEUTRALIZING ANTIBODIES AGAINST FUSION-ACTIVE REGIONS OF HIV ENVELOPE PROTEINS
• PROCEDE SERVANT A GENERER DES IMMUNOGENES ELICITANT DES ANTICORPS DE NEUTRALISATION CONTRE DES ZONES DE FUSION ACTIVE DE PROTEINES D'ENVELOPPE DE VIH

(71) **PANACOS PHARMACEUTICALS, INC.** [US/US]; 217 Perry Parkway, Gaithersburg, MD 20877 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILD, Carl, T.** [US/US]; 19008 Oxcart Place, Gaithersburg, MD 20879 (US). **ALLAWAY, Graham, P.** [GB/US]; 14205 White Water Way, Darnestown, MD 20878 (US).

(74) **COVERT, John, M.** et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934 (US).

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

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

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(51)[7] **A61K 39/35, 39/385, 38/42, A61P 37/08**

(11) **WO 01/70263** (13) A1

(21) PCT/BE01/00046

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 0006437.8 **17 Mar/mar 2000** GB **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMPOSITION AND METHOD FOR THE PREVENTION AND/OR THE TREATMENT OF ALLERGY
• COMPOSITION ET METHODE DE PREVENTION ET/OU DE TRAITEMENT D'ALLERGIES

(71) **LEUVEN RESEARCH & DEVELOPMENT VZW (LRD VZW)** [BE/BE]; Groot Begijnhof 59, B-3000 Leuven (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAINT-REMY, Jean-Marie** [BE/BE]; Rue du Lambais 79, B-1390 Grez-Doiceau (BE). **JACQUEMIN, Marc** [BE/BE]; Rue Morimont 45, B-5330 Sart-Bernard (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 BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

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(51)[7] **A61K 39/39 // 39/395, 39/29**

(11) **WO 01/70264** (13) A1

(21) PCT/AT01/00080

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) de (26) de

(30) A 472/2000 **21 Mar/mar 2000** AT **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR PRODUCING VACCINES CONTAINING A HEAT-TREATED MIXTURE CONSISTING OF AT LEAST ONE ANTIGEN AND OF AT LEAST ONE ADJUVANT
• PROCEDE DE PRODUCTION DE VACCINS COMPRENANT UN MELANGE TRAITE THERMIQUEMENT D'AU MOINS UN ANTIGENE AVEC AU MOINS UN ADJUVANT

(71) **IGENEON KREBS-IMMUNTHERAPIE FORSCHUNGS- UND ENTWICKLUNGS- AG** [AT/AT]; Brunnerstrasse 59, A-1230 Wien (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LOIBNER, Hans** [AT/AT]; Heimgasse 23, A-1238 Wien (AT). **ECKERT, Helmut** [CH/CH]; Hohe Strasse 167, CH-4104 Oberwil (CH).

(74) **SONN, Helmut** et al. / etc.; Riemergasse 14, A-1010 Wien (AT).

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

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

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(51)[7] **A61K 39/39**

(11) **WO 01/70265** (13) A2

(21) PCT/IB01/00703

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,736 **24 Mar/mar 2000** US **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LIPOPEPTIDE ADJUVANTS
• ADJUVANTS LIPOPEPTIDIQUES

(63) US 60/191,736 (CON)
24 Mar/mar 2000 (24.03.2000)

(71) **BIOMIRA, INC.** [CA/CA]; Edmonton Research Park, 2011-94th Street, Edmonton, Alberta T6N 1H1 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AGRAWAL, Babita** [IN/CA]; 329K Michener Park, Edmonton, Alberta T6H 4M5 (CA). **LONGENECKER, Michael, B.** [CA/CA]; 440 Rooney Crescent, Edmonton, Alberta T6R 1C8 (CA). **PARKER, Joanne** [CA/CA]; 11020 11-A Avenue, Edmonton, Alberta T6H 4M5 (CA).

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

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

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(51)[7] **A61K 39/395, A61P 9/10**

(11) **WO 01/70266** (13) A2

(21) PCT/US01/08266

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/528,267 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF INHIBITING STENOSIS AND RESTENOSIS
• METHODE D'INHIBITION DE LA STENOSE ET DE LA RESTENOSE

(71) **MILLENNIUM PHARMACEUTICALS, INC.** [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US).

(72) **HORVATH, Christopher, J.**; 209 Plain Street, Taunton, MA 02780 (US). **RAO, Patricia, E.**; 112 Pope Road, Acton, MA 01720 (US).

(74) **WENDLER, Helen, E.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02421 (US).

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

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

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(51)[7] **A61K 39/395, 39/40, 39/085, 47/48, 51/10, C07K 16/12, G01N 33/569, 33/68**

(11) **WO 01/70267** (13) A1

(21) PCT/US01/08554

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/189,968 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 60/199,370 **25 Apr/avr 2000** US **(25.04.2000)**

(30) 60/225,402 **15 Aug/août 2000** US **(15.08.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CROSS-REACTIVE DISPLACING ANTIBODIES FROM COLLAGEN-BINDING PROTEINS AND METHOD OF IDENTIFICATION AND USE
• ANTICORPS DE DEPLACEMENT A REACTION CROISEE PROVENANT DES PROTEINES DE LIAISON DU COLLAGENE ET PROCEDE D'IDENTIFICATION ET D'UTILISATION

(71) **INHIBITEX, INC.** [US/US]; 8995 Westside Parkway, Alpharetta, GA (US). **THE TEXAS A & M UNIVERSITY SYSTEM** [US/US]; 310 Wisenbaker, College Station, TX (US). **UNIVERSITA' DEGLI STUDI DI PAVIA** [IT/IT]; Strada Nuova, 65, I-27100 Pavia (IT).

(72) **HOOK, Magnus**; 4235 Oberlin, Houston, TX 77005 (US). **XU, Yi**; c/o The Texas A & M University System, 310 Wisenbaker, College Station, TX 77005 (US). **SPEZIALE, Pietro**; c/o Universita' Degli Strudi Di Pavia, Strada Nuova, 65, I-27100 Pavia (IT). **VISAI, Livia**; c/o Universita' Degli Studi Di Pavia, Strada Nuova, 65, I-27100 Pavia (IT). **CASOLINI, Fabrizia**; c/o Universita' Degli Studi Di Pavia, Strada Nuova, 65, I-27100 Pavia (IT). **PATTI, Joseph**; 6680 Stradford Place, Cummings, GA 30040 (US). **PATEL, Pratiksha**; 1003 Claxton Dairy Road, Dublin, GA 31021 (US). **DOMANSKI, Paul**; 1118 Virginia Avenue, NE, Atlanta, GA 30306 (US).

(74) **SCHULMAN, B., Aaron**; Larson & Taylor, PLC, Suite 900, 1199 North Fairfax Street, Alexandria, VA 22314 (US).

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

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

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(51)[7] **A61K 39/395, 45/06, G01N 33/50 // (A61K 39/395, 31:00)**

(11) **WO 01/70268** (13) A1

(21) PCT/US01/09368

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,336 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PHARMACEUTICAL COMPRISING AN AGENT THAT BLOCKS THE CELL CYCLE AND AN ANTIBODY
• PRODUIT PHARMACEUTIQUE COMPRENANT UN AGENT BLOQUANT LE CYCLE CELLULAIRE ET ANTICORPS

(71) **GLAXO GROUP LIMITED** [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 ONN (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STIMMEL, Julie, Beth** [US/US]; Glaxo Wellcome Inc., Five Moore Drive, P.O. Box 13398, Research Triangle Park, NC 27709-3398 (US). **THURMOND, Linda, Margarite** [US/US]; c/o Glaxo Wellcome Inc., Five Moore Drive, P.O. Box 13398, Research Triangle Park, NC 277009 (US). **KNICK, Vincent , Clark** [US/US]; c/o Glaxo Wellcome Inc., Five Moore Drive, P.O. Box 13398, Research Triangle Park, NC 27709 (US).

(74) **LEMANOWICZ, John, L.** et al. / etc.; Glaxo Wellcome Inc., Five Moore Drive, P.O. Box 13398, Research Triangle Park, NC 27709-3398 (US).

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

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

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(51)[7] **A61K 45/00, C07D 217/26, 401/12, 409/12, 471/04, C07F 9/576, 9/6561, A61K 31/4985, 31/472, 31/4725, 31/497, 31/675, A61P 43/00, 17/06, 17/02**

(11) **WO 01/70269** (13) A1

(21) PCT/JP01/02251

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) ja (26) ja

(30) 2000-84126 **24 Mar/mar 2000** JP **(24.03.2000)**

(30) 2000-120430 **21 Apr/avr 2000** JP **(21.04.2000)**

(30) 2000-394983 **26 Dec/déc 2000** JP **(26.12.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • KERATINOCYTE GROWTH INHIBITORS AND HYDROXAMIC ACID DERIVATIVES
• INHIBITEURS DE LA CROISSANCE DES KERATINOCYTES ET DERIVES D'ACIDE HYDROXAMIQUE

(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) **HASHIMOTO, Koji** [JP/JP]; 592-124, Oaza-Masekawako, Kawauchi-cho, Onsen-gun, Ehime 791-0314 (JP). **HIGASHIYAMA, Shigeki** [JP/JP]; 8-46, Hiyoshidai-Ichibancho, Takatsuki-shi, Osaka 569-1022 (JP). **YOSHINO, Kohichiro** [JP/JP]; 24-5, Furuedai 1-chome, Suita-shi, Osaka 565-0874 (JP). **YOSHIIZUMI, Kazuya** [JP/JP]; 12-2-601, Miyakojimaminamidori 2-chome, Miyakojima-ku, Osaka-shi, Osaka 534-0023 (JP). **YAMAMOTO, Minoru** [JP/JP]; 12-2-707, Miyakojimaminamidori 2-chome, Miyakojima-ku, Osaka-shi, Osaka 534-0023 (JP). **KIYOI, Takao** [JP/JP]; 11-1-609, Miyukicho 2-chome, Miyakojima-ku, Osaka-shi, Osaka 534-0012 (JP). **KUROKAWA, Kiriko** [JP/JP]; 1-16, Shioji 2-chome, Nishinari-ku, Osaka-shi, Osaka 557-0052 (JP). **KONDO, Hirosato** [JP/JP]; 18-6, Yamadanishi 3-chome, Suita-shi, Osaka 565-0824 (JP). **SAWA, Masaaki** [JP/JP]; 3-8, Minamikasugaoka 3-chome, Ibaraki-shi, Osaka 567-0046 (JP). **KUMIHARA, Hiroshi** [JP/JP]; 3-105-709, Tomobuchi-cho 1-chome, Miyakojima-ku, Osaka-shi, Osaka 534-0016 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

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

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

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(51)[7] **A61K 47/00**

(11) **WO 01/70270** (13) A2

(21) PCT/US01/09271

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,507 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 60/216,838 **7 Jul/juil 2000** US **(07.07.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BASE COMPOSITIONS FOR PREPARING SURFACTANT FREE TOPICAL COMPOSITIONS
• COMPOSITIONS DE BASE SERVANT A PREPARER DES COMPOSITIONS TOPIQUES EXEMPTES DE TENSIOACTIF

(71) **COLLABORATIVE TECHNOLOGIES, INC.** [US/US]; 50 East Loop Road, Stony Brook, NY 11790-3350 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILMOTT, James, M.** [US/US]; 4 Ridgefield Drive, Shoreham, NY 11786 (US). **CRAWFORD, Timothy, K.** [US/US]; 63 Sycamore Road, Rocky Point, NY 11778 (US). **COLEMAN, Todd** [US/US]; 2 Darling Avenue, Smithtown, NY 11787 (US).

(74) **LESSLER, Jay, P.** et al. / etc.; Darby & Darby P.C., 805 Third Avenue, New York, NY 10022-7513 (US).

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

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

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(51)[7] **A61K 47/00**

(11) **WO 01/70271** (13) A2

(21) PCT/US01/09317

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,405 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 60/216,849 **7 Jul/juil 2000** US **(07.07.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ACID-STABLE BASE COMPOSITIONS FOR PREPARING SURFACTANT FREE TOPICAL COMPOSITIONS
• COMPOSITIONS DE BASE STABLES UTILES POUR PREPARER DES COMPOSITIONS TOPIQUES SANS TENSIOACTIFS

(71) **COLLABORATIVE TECHNOLOGIES, INC.** [US/US]; 50 East Loop Road, Stony Brook, NY 11790-3350 (US).
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(72, 75) **WILLMOTT, James, M.** [US/US]; 4 Ridgefield Drive, Shoreham, NY 11786 (US). **CRAWFORD, Timothy, K.** [US/US]; 63 Sycamore Road, Rocky Point, NY 11778 (US).

(74) **LESSLER, Jay, P.** et al. / etc.; Darby & Darby P.C., 805 Third Avenue, New York, NY 10022-7513 (US).

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

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

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(51)[7] **A61K 47/48**

(11) **WO 01/70272** (13) A1

(21) PCT/AT01/00079

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) de (26) de

(30) A 471/2000 **21 Mar/mar 2000** AT **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • POLYSACCHARIDE-POLYPEPTIDE CONJUGATE
• CONJUGUE DE POLYSACCHARIDE ET DE POLYPEPTIDE

(71) **IGENEON KREBS-IMMUNTHERAPIE FORSCHUNGS- UND ENTWICKLUNGS- AG** [AT/AT]; Brunnerstrasse 59, A-1230 Wien (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LOIBNER, Hans** [AT/AT]; Heimgasse 23, A-1238 Wien (AT). **ECKERT, Helmut** [CH/CH]; Hohe Strasse 167, CH-4104 Oberwil (CH).

(74) **SONN, Helmut** et al. / etc.; Riemergasse 14, A-1010 Wien (AT).

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

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

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(51)[7] **A61K 47/48, A61P 7/02, 43/00**

(11) **WO 01/70273** (13) A1

(21) PCT/EP01/03181

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 00105867.6 **20 Mar/mar 2000** EP **(20.03.2000)**

(30) 60/190,103 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • THE USE OF ANTICOAGULANT AGENTS IN THE EXTRACORPOREAL TREATMENT OF BLOOD
• UTILISATION D'AGENTS ANTICOAGULANTS DANS LE TRAITEMENT EXTRACORPOREL DE SANG

(71) **KNOLL GMBH** [DE/DE]; 67061 LUDWIGSHAFEN (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHERHAG, Rudi** [DE/DE]; Talstr. 161, 69198 Schriesheim (DE). **BACHER, Peter** [DE/DE]; Woogstr. 9, 67141 Neuhofen (DE). **PAROW, Christopher** [DE/DE]; Marienstr. 9, 67346 Speyer (DE).

ESSLINGER, Hans-Ulrich [DE/DE]; Gerngärten 2, 69226 Nussloch (DE). **ABEL, Florian** [DE/DE]; Alexanderstr. 99, 70182 Stuttgart (DE).

(74) **REITSTÖTTER, KINZEBACH & PARTNER**; Sternwartstr. 4, 81679 München (DE).

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

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

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(51)[7] **A61K 47/48**

(11) **WO 01/70274** (13) A2

(21) PCT/NL01/00242

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 00201089.0 **24 Mar/mar 2000** EP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LOCAL DRUG DELIVERY
• ADMINISTRATION LOCALE DE MEDICAMENTS

(71) **NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO** [NL/NL]; Schoemakerstraat 97, NL-2628 VK Delft (NL).
(for all designated States except / pour tous les États désignés sauf US)

(71) **RIJKEN, Dingeman, Cornelis** [NL/NL]; Begoniadal 15, 2317 HD Leiden (NL).
(only for / seulement pour US)

(72, 75) **SAKHAROV, Dmitri** [NL/NL]; Scharlakenbes 3, NL-2318 AN Leiden (NL). **EMEIS, Josephus, Jan** [NL/NL]; Hoogte Kadijk 37C, NL-1018 BE Amsterdam (NL).

(74) **PRINS, A., W.**; c/o Vereenigde, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).

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

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

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(51)[7] **A61K 47/48, C07K 9/00, A61P 35/00**

(11) **WO 01/70275** (13) A2

(21) PCT/US01/08553

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/190,429 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • POLYGLUTAMIC ACID-CAMPTOTHECIN CONJUGATES AND METHODS OF PREPARATION
• CONJUGUES DE LA CAMPTOTHECINE-ACIDE POLYGLUTAMIQUE ET LEURS PROCEDES DE PREPARATION

(63) US 60/190,429 (CON) 17 Mar/mar 2000 (17.03.2000)

(71) **CELL THERAPEUTICS, INC.** [US/US]; 201 Elliott Avenue West, Suite 400, Seattle, WA 98119 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BHATT, Rama** [IN/US]; 1810 NE 175th Street, Shoreline, WA 98155 (US). **DE VRIES, Peter** [NL/US]; 1222 N.W. 199th Street, Seattle, WA 98177 (US). **KLEIN, J., Peter** [US/US]; 18822 Ridge Road SW, Vashon, WA 98070 (US). **LEWIS, Robert, A.** [US/US]; 1215 E. Hamlin Street, Seattle, WA 98102 (US). **SINGER, Jack, W.** [US/US]; 3515 E. Spring Street, Seattle, WA 98122 (US). **TULINSKY, John** [US/US]; 626 4th Avenue, W., Apt. 103, Seattle, WA 98119 (US).

(74) **BENT, Stephen, A.** et al. / etc.; Foley & Lardner, 3000 K. Street, NW, Washington, DC 20007-5109 (US).

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

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

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(51)[7] **A61K 48/00, C12N 15/86**

(11) **WO 01/70276** (13) A2

(21) PCT/US01/09123

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/533,427 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AAV5 VECTOR FOR TRANSDUCING BRAIN CELLS AND LUNG CELLS
• VECTEUR AAV5 DE TRANSDUCTION DE CELLULES CEREBRALES ET PULMONAIRES

(71) **THE GOVERNMENT OF THE UNITED STATES OF AMERICA, as represented by THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES** [US/US]; C/o National Institutes of Health, Office of Technology Transfer, 6011 Executive Boulevard, Suite 325, Rockville, MD 20852-3804 (US). **UNIVERSITY OF IOWA RESEARCH FOUNDATION** [US/US]; 100 Oakdale Campus, #219 T1C, 219 Technology Innovation Center, Iowa City, IA 52242 (US).

(72) **CHIORINI, John, A.**; 2604 Loma Street, Silver Spring, MD 20902 (US). **KOTIN, Robert, M.**; 707 Gormley, Rockville, MD 20850 (US). **DAVIDSON, Beverly**; 3640 Johnston Way, N.E., North Liberty, IA 52317 (US). **ZABNER, Joseph**; 712 McLean Street, Iowa City, IA 52246 (US).

(74) **SPRATT, Gwendolyn, D.** et al. / etc.; Needle & Rosenberg, P.C., 127 Peachtree Street, N.E., Suite 1200, Atlanta, GA 30303-1811 (US).

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

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

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(51)[7] **A61L**

(11) **WO 01/70277** (13) A2

(21) PCT/US01/08666

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/532,186 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TOILET SEAT STERILIZATION METHOD AND APPARATUS
• PROCEDE ET APPAREIL DE STERILISATION DE SIEGE DE TOILETTES

(71, 72) **ROBERTS, Jon, L.** [US/US]; 529 Clear Spring Road, Great Falls, VA 22066 (US).

(74) **ROBERTS, Jon, L.** et al. / etc.; Roberts Abokhair and Mardula, LLC, Suite 1000, 11800 Sunrise Valley Drive, Reston, VA 20191 (US).

(81) AU CA NZ.

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

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(51)[7] **A61L 2/00, 2/08, 9/00, A01N 1/00**

(11) **WO 01/70278** (13) A1

(21) PCT/US01/09034

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/532,649 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • IMPROVED SOLUBILITY AND DISPERSIBILITY BY EXPOSURE TO O_x
• ACCROISSEMENT NOTABLE DE LA SOLUBILITE ET DE LA DISPERSIBILITE DE PRODUITS PAR EXPOSITION A DE L'O_x

(71, 72) **CARMAN, Gary, B.** [US/US]; 5815 Lone Horse Drive, Reno, NV 89502 (US). **WIRTZ, Stephen, K.** [US/US]; 2230 Figoni Ranch Road, Sparks, NV 89434 (US).

(74) **KELBER, Steven, B.** et al. / etc.; Piper Marbury Rudnick & Wolfe LLP, 1200 Nineteenth Street, N.W., Washington, DC 20036 (US).

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

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

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(51)[7] **A61L 2/08**

(11) **WO 01/70279** (13) A1

(21) PCT/US01/09361

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/533,547 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHODS FOR STERILIZING BIOLOGICAL MATERIALS
• PROCEDES DE STERILISATION DE MATERIAUX BIOLOGIQUES

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

(71) **CLEARANT, INC.** [US/US]; Suite 650, 11111 Santa Monica Boulevard, Los Angeles, CA 90025 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KENT, Randall, S.** [—/US]; 3512 Radcliffe, Thousand Oaks, CA 91360 (US). **HORTON, Edward, A.** [CA/CA]; 100 Lawton Boulevard, Toronto, Ontario M4V 2A3 (CA).

(74) **OLIFF, James, A.** et al. / etc.; Oliff & Berridge, PLC, P.O. Box 19928, Alexandria, VA 22320 (US).

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

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

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(51)[7] **A61L 2/10, 2/20**

(11) **WO 01/70280** (13) A1

(21) PCT/US01/08665

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/528,874 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TRASH RECEPTACLE STERILIZATION METHOD AND APPARATUS
• PROCEDE ET APPAREIL DE STERILISATION DE RECEPTACLE A DECHETS

(71, 72) **ROBERTS, Jon, L.** [US/US]; 529 Clear Spring Road, Great Falls, VA 22066 (US).

(74) **ROBERTS, Jon, L.** et al. / etc.; Roberts Abokhair and Mardula, LLC, Suite 1000, 11800 Sunrise Valley Drive, Reston, VA 20191 (US).

(81) AU CA NZ.

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

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(51)[7] **A61L 2/14, 2/18, 2/24**

(11) **WO 01/70281** (13) A1

(21) PCT/KR00/00539

(22) **26 May/mai 2000 (26.05.2000)**

(25) ko (26) en

(30) 2000/14750 **23 Mar/mar 2000** KR **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PLASMA DISINFECTION SYSTEM
• SYSTEME DE DESINFECTION PAR PLASMA

(71) **HUMAN MEDITEK CO., LTD.** [KR/KR]; 188-21 Myungnyundong 4-ga, Chongno-gu, Seoul 110-524 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KO, Jung-Suek** [KR/KR]; 8-706 Sindonga Apt., 241-21 Sobinggo-dong, Yongsan-gu, Seoul 140-240 (KR).

(74) **CHO, Chul-Hyun**; 825-18 Yoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

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

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

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(51)[7] **A61L 2/20, 2/24 // 101:22**

(11) **WO 01/70282** (13) A1

(21) PCT/GB01/01254

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0006824.7 **21 Mar/mar 2000** GB **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CONTROL OF GASEOUS STERILISATION
• PROCEDE DE COMMANDE DE STERILISATION GAZEUSE

(71) **BIOQUELL UK LIMITED** [GB/GB]; Walworth Road, Andover, Hampshire SP10 5AA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARTIN, Anthony** [GB/GB]; 11 Foxcotte Close, Andover SP10 4AS (GB). **WATLING, David** [GB/GB]; Heathcrest, Guildford Road, Westcott, NR Dorking, Surrey R44 3LB (GB).

(74) **BOULT WADE TENNANT**; Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).

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

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

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(51)[7] **A61L 9/012**

(11) **WO 01/70283** (13) A1

(21) PCT/FR01/00798

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) fr (26) fr

(30) 00/03535 **20 Mar/mar 2000** FR **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SOLID PERFUMED PREPARATION IN THE FORM OF MICROBEADS AND USE THEREOF
• PREPARATION PARFUMEE SOLIDE SOUS FORME DE MICROBILLES ET SON UTILISATION

(71) **V.MANE FILS** [FR/FR]; 620, route de Grasse, F-06620 Bar sur Loup (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MANE, Jean** [FR/FR]; Domaine Saint-Mathieu, 290, route de Saint-Mathieu, F-06130 Grasse (FR). **BLEUEZ, Loïc** [FR/FR]; 248, boulevard de Provence, Résidence le Borée, F-06700 Saint Laurent du Var (FR). **DELPECH, Guy** [FR/FR]; Parc Canteperdrix, 34, avenue du Vieux Colombier, F-06130 Grasse (FR). **HOC, Nathalie** [FR/FR]; Résidence Aiguebelle, Chemin de la Pouiraque, F-06130 Grasse (FR). **HANNETEL, Jean-Michel** [FR/FR]; Les Jardins du Soleil, Avenue Sidi-Brahim, F-06130 Grasse (FR). **DAILLAND, Pascal** [FR/FR]; Le Jade A, 69, avenue Antoine de Saint Exupéry, F-06130 Grasse (FR).

(74) **VERCAEMER, Laurence** et al. / etc.; Cabinet Plasseraud, 84, rue d'Amsterdam, F-75440 Paris Cedex 09 (FR).

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

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

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

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(51)[7] **A61L 9/12**

(11) **WO 01/70284** (13) A1

(21) PCT/PL00/00023

(22) **21 Mar/mar 2000 (21.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CONTAINER FOR ODORISING AGENTS PARTICULARLY PREFERABLE FOR CARS
• CONTENANT POUR MATIERES ODORANTES UTILISABLE DANS LES AUTOMOBILES DE PREFERENCE

(71, 72) **FIGIEL, Marek** [PL/PL]; ul. Wojska Polskiego 26A, PL-62-800 Kalisz (PL).

(74) **GROSZKOWSKI, Przemyslaw**; ul. Kazury 4/34, PL-02-795 Warszawa (PL).

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

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

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(51)[7] **A61L 15/46, 15/48, 15/28, 15/26**

(11) **WO 01/70285** (13) A1

(21) PCT/FR01/00834

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) fr (26) fr

(30) 00/03665 **22 Mar/mar 2000** FR **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ANTISEPTIC COMPRESS
• COMPRESSE ANTISEPTIQUE

(71) **LABORATOIRES D'HYGIENE ET DE DIETETIQUE** [FR/FR]; 42, rue de Longvic, F-21300 Chenove (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **APERT, Laurent** [FR/FR]; 19, rue Thurot, F-21000 Dijon (FR). **AUGUSTE, Stéphane** [FR/FR]; 33, rue Pablo Neruda, F-21800 Quetigny (FR).

(74) **HUBERT, Philippe** et al. / etc.; Cabinet Beau de Loménie, 158, rue de l'Université, F-75340 Cedex 07 Paris (FR).

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

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

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(51)[7] **A61L 15/60, A61F 13/15**

(11) **WO 01/70286** (13) A1

(21) PCT/US01/07513

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) en (26) en

(30) 60/190,275 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TAGGED SUPERABSORBENT POLYMERS IN A MULTICOMPONENT STRUCTURE
• POLYMERES SUPERABSORBANTS MARQUES DANS UNE STRUCTURE MULTICOMPOSANT

(71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).

(72) **WEIR, Joseph, L.**; 5300 Jefferson Avenue, Midland, MI 48640 (US). **ALLAN, David, S.**; 5402 Nakoma Drive, Midland, MI 48640 (US). **VAN EFFEN, Richard, M.**; 2587 S. Five-Mile Road, Midland, MI 48640 (US). **CUTIE', Sergio, S.**; 1303 Sylvan Lane, Midland, MI 48640 (US).

(74) **WILLIS, Reid, S.**; The Dow Chemical Company, Intellectual Property, P.O. Box 1967, Midland, MI 48641-1967 (US).

(81) BR CN JP KR ZA.

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

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(51)[7] **A61L 15/60**

(11) **WO 01/70287** (13) A2

(21) PCT/US01/08472

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/531,247 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PERMANENTLY WETTABLE SUPERABSORBENTS
• MATERIAUX SUPERABSORBANTS A MOUILLABILITE PERMANENTE

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

(72) **QIN, Jian**; 1602 E. Cranberry Drive, Appleton, WI 54915 (US). **ZHANG, Xiaomin**; 3413 North Morrison Street, Appleton, WI 54911 (US). **RANGANATHAN, Sridhar**; 8441 Sundial Court, Suwanee, GA 30024 (US). **LI, Yong**; W2807 Crestwood Court, Appleton, WI 54915 (US).

(74) **GREEN, Theodore, M.** et al. / etc.; Kilpatrick Stockton LLP, 2400 Monarch Tower, 3424 Peachtree Road, N.E., Atlanta, GA 30326 (US).

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

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

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(51)[7] **A61L 27/16, 27/22, 27/50, A61K 38/18**

(11) **WO 01/70288** (13) A2

(21) PCT/US01/09264

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,533 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • THERMOREVERSIBLE POLYMERS FOR DELIVERY AND RETENTION OF OSTEOINDUCTIVE PROTEINS
• POLYMERES THERMOREVERSIBLES POUR LE TRANSPORT OU LA RETENTION DE PROTEINES OSTEO-INDUCTIVES

(71) **GENETICS INSTITUTE, INC.** [US/US]; 87 CambridgePark Drive, Cambridge, MA 02140 (US). **THE GOVERNORS OF THE UNIVERSITY OF ALBERTA** [CA/CA]; 222 Campus Tower, 8625 112 Street, Edmonton, Alberta T6G 2E1 (CA).

(72) **ULUDAG, Hasan**; 11020 83rd Avenue, Edmonton, Alberta T6G 0T7 (CA). **GAO, Tiejun**; 10846 32A Avenue, Edmonton, Alberta T6J 3B9 (CA). **WOZNEY, John**; 59 Old Bolton Road, Hudson, MA 01749 (US).

(74) **BERG, Egon, E.** et al. / etc.; American Home Products Corporation, Patent Department, Five Giralda Farms, Madison, NJ 07940 (US).

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

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

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(51)[7] **A61L 27/38, 27/54, 31/00, 31/16**

(11) **WO 01/70289** (13) A2

(21) PCT/US01/08405

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/528,989 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INJECTABLE AND SWELLABLE MICROSPHERES FOR TISSUE BULKING
• MICROSPHERES INJECTABLES, SUSCEPTIBLES DE FOISONNEMENT, VISANT A FAIRE GONFLER UN TISSU

(71) **BIOSPHERE MEDICAL, INC.** [US/US]; 1050 Hingham Street, Rockland, MA 02370 (US).

(72) **VOGEL, Jean-Marie**; 64 Cobleigh Road, Boxborough, MA 01719 (US). **BOSCHETTI, Egisto**; 9, allée du Bois, F-78290 Gougenot (FR).

(74) **LAWRENCE, Stanton, T., III** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

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

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

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(51)[7] **A61L 27/38, 27/54, 31/00, 31/16**

(11) **WO 01/70290** (13) A2

(21) PCT/US01/08528

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 60/190,542 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INJECTABLE MICROSPHERES FOR TISSUE CONSTRUCTION
• MICROSPHERES INJECTABLES DESTINEES A LA CONSTRUCTION DE TISSUS

(71) **BIOSPHERE MEDICAL, INC.** [US/US]; 1050 Hingham Street, Rockland, MA 02370 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VOGEL, Jean-Marie** [FR/US]; 64 Cobleigh Road, Boxborough, MA 01719 (US). **BOSCHETTI, Egisto** [—/FR]; 9, allée du Bois, F-78290 Gougenot (FR).

(74) **LAWRENCE, Stanton, T., III** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

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

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

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(51)[7] **A61L 27/38, 27/60, 27/54, 31/00, 31/16**

(11) **WO 01/70291** (13) A2

(21) PCT/US01/08529

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/528,991 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INJECTABLE MICROSPHERES FOR DERMAL AUGMENTATION AND TISSUE BULKING
• MICROSPHERES INJECTABLES DESTINEES A L'AUGMENTATION DERMIQUE ET AU GONFLEMENT TISSULAIRE

(71) **BIOSPHERE MEDICAL, INC.** [US/US]; 1050 Hingham Street, Rockland, MA 02370 (US).

(72) **VOGEL, Jean-Marie**; 64 Cobleigh Road, Boxborough, MA 01719 (US). **THOMAS, Richard**; 190 Lincoln Road, Lincoln, MA 01773 (US). **BOSCHETTI, Egisto**; 9, allée du Bois, F-78290 Gougenot (FR).

(74) **LAWRENCE, Stanton, T., III** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

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

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

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(51)[7] **A61L 27/40, 27/56**

(11) **WO 01/70292** (13) A1

(21) PCT/JP00/01834

(22) **24 Mar/mar 2000 (24.03.2000)**

(25) ja (26) ja

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ARTIFICIAL HOLLOW ORGAN
• ORGANE ARTIFICIEL CREUX

(71, 72) **MORI, Yuichi** [JP/JP]; 3-21-2-4, Kamariyaminami, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0045 (JP).

(74) **ISHIDA, Takashi** et al. / etc.; A. Aoki, Ishida & Associates, Toranomon 37 Mori Building, 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).

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

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

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(51)[7] **A61L 27/56, 27/44**

(11) **WO 01/70293** (13) A1

(21) PCT/GB01/01177

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 0006439.4 **18 Mar/mar 2000** GB **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • POLYMERIC COMPOSITE MATERIALS AND THEIR MANUFACTURE
• MATIERES COMPOSITES POLYMERIQUES ET LEUR FABRICATION

(71) **THE UNIVERSITY OF NOTTINGHAM** [GB/GB]; University Park, Nottingham NG7 2RD (GB). **THE NOTTINGHAM TRENT UNIVERSITY** [GB/GB]; Burton Street, Nottingham NG1 4BU (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COOMBES, Allan, Gerald, Arthur** [GB/GB]; Aston Pharmacy School, Aston University, Aston Triangle, Birmingham B4 7ET (GB). **DOWNES, Sandra** [GB/GB]; Smith & Nephew GRC, Science Park, Heslington, York YO1 5DF (GB). **GRIFFIN, Martin** [GB/GB]; Faculty of Science and Mathematics, Nottingham Trent University, Clifton, Nottingham NG11 8NS (GB).

(74) **JONES, Stephen, Anthony**; Adamson Jones, Broadway Business Centre, 32a Stoney Street, Nottingham NG1 1LL (GB).

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

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

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(51)[7] **A61L 31/08, 31/18**

(11) **WO 01/70294** (13) A2

(21) PCT/US01/07955

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 09/528,836 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SELECTIVE PLATING OF A STENT
• REVETEMENT SELECTIF D'UNE ENDOPROTHESE VASCULAIRE

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

(72) **EIDENSCHINK, Tracee, E., J.**; 2232 Pinto Drive, Wayzata, MN 55391 (US). **JAGGER, Karl, Alan**; 5535 Harriet Ave., S., Minneapolis, MN 55419 (US).

(74) **RYAN-LINDQUIST, Lisa, L.**; Vidas, Arrett & Steinkraus, Suite 2000, 6109 Blue Circle Drive, Minnetonka, MN 55343-9185 (US).

(81) CA JP.

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

(51)[7] **A61L 33/00, 27/54, 29/16, 31/16, A61K 38/22, 38/12**

(11) **WO 01/70295** (13) A1

(21) PCT/GR00/00016

(22) **22 Mar/mar 2000 (22.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CORONARY ARTERY STENT COVERED WITH ENDOTHELIN RECEPTOR ANTAGONIST
• STENT CORONARIEN ENDUIT D'UN ANTAGONISTE DE RECEPTEUR D'ENDOTHELINE

(71, 72) **KYRIAKIDES, Zenon** [GR/GR]; 2 Syngrou Str., Xalandri, GR-152 32 Athens (GR).

(74) **GREGORIOU, Theoharis**; 15 Argostoliou Str., Gyzi, GR-113 62 Athens (GR).

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

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

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(51)[7] **A61L 33/06, C08G 79/02, A61L 27/34, 29/08, 31/10, A61K 6/08**

(11) **WO 01/70296** (13) A1

(21) PCT/EP01/03108

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 100 13 639.7 **18 Mar/mar 2000** DE **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • POLYPHOSPHAZENE DERIVATIVES
• DERIVES DE LA POLYPHOSPHAZENE

(71) **POLYZENIX GMBH** [DE/DE]; Ettlingerstrasse 25, 76137 Karlsruhe (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GRUNZE, Michael** [DE/DE]; Hauptstrasse 17, 69151 Neckargemünd (DE).

(74) **PERREY, Ralf**; Müller-Boré & Partner, Grafinger Strasse 2, 81671 München (DE).

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

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

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(51)[7] **A61M**

(11) **WO 01/70297** (13) A2

(21) PCT/IB01/00444

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) PQ 6414 **23 Mar/mar 2000** AU **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A DEVICE INCORPORATING A HOLLOW ELEMENT FOR BEING POSITIONED ALONG A BODY CAVITY OF A PATIENT AND METHOD OF POSITIONING SAME
• DISPOSITIF RENFERMANT UN ELEMENT CREUX A POSITIONNER LE LONG DE LA CAVITE CORPORELLE D'UN PATIENT ET TECHNIQUE DE POSITIONNEMENT

(71, 72) **KLEINER, Daniel, Eduard** [US/US]; 10/32 Tyrell Street, Newcastle, NSW 2300 (AU).

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

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

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(51)[7] **A61M**

(11) **WO 01/70298** (13) A2

(21) PCT/IL01/00270

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/532,653 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR COVERING A STENT
• TECHNIQUE DE COUVERTURE D'EXTENSEUR ET APPAREIL CORRESPONDANT

(71) **ZULI HOLDINGS LTD.** [IL/IL]; Anafa Street 8, 47226 Ramat Hasharon (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RICHTER, Jacob** [IL/IL]; Anafa Street 8, 47226 Ramat Hasharon (IL).

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

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

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

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(51)[7] **A61M**

(11) **WO 01/70299** (13) A2

(21) PCT/US01/09638

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/533,616 **22 Mar/mar 2000** US **(22.03.2000)**

(30) 60/208,399 **30 May/mai 2000** US **(30.05.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • GUIDEWIRE INTRODUCER SHEATH
• GAINE D'INSERTION DE FIL DE GUIDAGE

(71) **ADVANCED STENT TECHNOLOGIES, L.L.C.** [US/US]; 7026 Koll Center Parkway, Pleasanton, CA 94566 (US).

(72) **VARDI, Gil, M.**; 14203 Stifel Lane Crt, Town and Country, MO 63017 (US). **WILLIAMS, Eric**; 2068 Davis Drive, Fairfield, CA 94533 (US). **CHAVEZ, Elsa**; 38660 Lexington St #471, Fremont, CA 94536 (US). **BOURANG, Henry**; 344 Gikas Lane, Turlock, CA 95382 (US). **BEYHAN, Niyazi, U.**; 1031 Las Palmas Drive, Santa Clara, CA 95051 (US).

(74) **BARRETT, Roger, T.** et al. / etc.; Townsend and Townsend and Crew LLP, Ste 2700, 1200 Seventeenth Street, Denver, CO 80202 (US).

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

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

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(51)[7] **A61M 1/10**

(11) **WO 01/70300** (13) A1

(21) PCT/AT01/00086

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) de (26) de

(30) A 510/2000 **24 Mar/mar 2000** AT **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ROTARY PUMP COMPRISING A HYDRAULICALLY MOUNTED ROTOR
• POMPE ROTATIVE A ROTOR A PALIER HYDRAULIQUE

(71, 72) **SCHIMA, Heinrich** [AT/AT]; Körnergasse 7/9, A-1020 Wien (AT).

(72, 75) **SCHMALLEGGER, Helmut** [AT/AT]; Wildagasse 2-4, A-1230 Wien (AT). **SCHISTEK, Roland** [AT/AT]; Santnerstrasse 458, A-5071 Wals-Siezenheim (AT). **RADERER, Franz** [AT/AT]; Landstrasser Hauptstrasse 66/23, A-1030 wien (AT).

(74) **PUCHBERGER, Rolf** et al. / etc.; Singerstrasse 13, Postfach 55, A-1010 Wien (AT).

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

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

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(51)[7] **A61M 1/16, G06F 13/40, H04L 12/12, G06F 11/16**

(11) **WO 01/70301** (13) A1

(21) PCT/EP01/03107

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) de (26) de

(30) 100 13 665.6 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MEDICAL APPLIANCE EQUIPPED WITH A DOUBLE COMMUNICATIONS BUS
• APPAREIL MEDICAL A DOUBLE BUS DE COMMUNICATION

(71) **FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH** [DE/DE]; Else-Kröner-Strasse 1, 61352 Bad Homburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(71) **MANKE, Joachim** [DE/DE]; In den Brüchern 6, 35792 Löhnberg (DE).
(only for / seulement pour US)

(72, 75) **SCHEUNERT, Peter** [DE/DE]; Ziegeleistrasse 27, 57290 Neunkirchen, Siegerl (DE).

(74) **LAUFHÜTTE, Dieter** et al. / etc.; Lorenz . Seidler . Gossel, Widenmayerstrasse 23, 80538 München (DE).

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

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

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(51)[7] **A61M 1/36, 31/04**

(11) **WO 01/70302** (13) A1

(21) PCT/JP01/02233

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-80131 **22 Mar/mar 2000** JP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NOVEL ARTIFICIAL ORGAN SYSTEM
• NOUVEAU SYSTEME D'ORGANE ARTIFICIEL

(71, 72) **NARUSE, Katsutoshi** [JP/JP]; 32-1, Senjuookawa-cho, Adachi-ku, Tokyo 120-0031 (JP).

(74) **HIRAKI, Yusuke** et al. / etc.; Toranomon No.5 Mori Building Third Floor, 17-1, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

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

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

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(51)[7] **A61M 5/00**

(11) **WO 01/70303** (13) A2

(21) PCT/US01/09115

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/534,900 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR ASSESSING HEMODYNAMIC PARAMETERS AND BLOOD VESSEL LOCATION WITHIN THE CIRCULATORY SYSTEM OF A LIVING SUBJECT
• PROCEDE ET APPAREIL D'EVALUATION DE PARAMETRES HEMODYNAMIQUES ET D'EMPLACEMENT DE VAISSEAUX SANGUINS DANS LE SYSTEME CIRCULATOIRE D'UN SUJET VIVANT

(71) **TENSYS MEDICAL, INC.** [US/US]; 5825 Oberlin Drive, Suite 100, San Diego, CA 92122 (US).

(72) **MIELE, Frank, R.**; 5425 Panoramic Lane, San Diego, CA 92121 (US). **MUCCI, Ronald**; 106 Mill Street, Westwood, MA 02090 (US). **GALLANT, Stuart, L.**; 11482 Ash Creek Place, San Diego, CA 92131 (US).

(74) **GAZDZINSKI, Robert, F.**; Gazdzinski & Associates, Suite A232, 3914 Murphy Canyon Road, San Diego, CA 92123 (US).

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

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

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(51)[7] **A61M 5/00**

(11) **WO 01/70304** (13) A1

(21) PCT/US01/09148

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/191,155 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A DRUG DELIVERY AND MONITORING SYSTEM
• SYSTEME DE DISTRIBUTION ET DE SURVEILLANCE DE MEDICAMENT

(71) **DOCUSYS, INC.** [US/US]; 5821 Rangeline Road, Suite 107, Theodore, AL 36582 (US).

(72) **EVANS, Robert, F.**; 4909 Audobon Drive, Mobile, AL 36619 (US).

(74) **GOLDMAN, Stephen, B.** et al. / etc.; Lerner, David, Littenberg, Krumholz & Mentlik, LLP, 600 South Avenue West, Westfield, NJ 07090 (US).

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

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

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(t) for all designations / pour toutes les désignations

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(51)[7] **A61M 5/14, 25/00**

(11) **WO 01/70305** (13) A1

(21) PCT/JP01/02264

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) ja (26) ja

(30) 2000-79928 **22 Mar/mar 2000** JP **(22.03.2000)**

(30) 2000-317479 **18 Oct/oct 2000** JP **(18.10.2000)**

(30) 2000-382696 **15 Dec/déc 2000** JP **(15.12.2000)**

(30) 2000-382700 **15 Dec/déc 2000** JP **(15.12.2000)**

(30) 2001-25242 **1 Feb/fév 2001** JP **(01.02.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MEDICAL TUBE AND PRODUCTION METHOD AND PRODUCTION DEVICE THEREFOR AND MEDICAL APPLIANCE
• TUBE A USAGE MEDICAL, SON PROCEDE DE FABRICATION ET DISPOSITIF A CET EFFET, ET INSTRUMENT MEDICAL

(71) **KAWASUMI LABORATORIES, INC.** [JP/JP]; 28-15, Minamiooi 3-chome, Shinagawa-ku, Tokyo 140-8555 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAWANO, Takumi** [JP/JP]; Kawasumi Laboratories, Inc., 28-15, Minamiooi 3-chome, Shinagawa-ku, Tokyo 140-8555 (JP). **ONO, Seiichi** [JP/JP]; Kawasumi Laboratories, Inc., 7-1, Oaza Tamada, Mie-cho, Ono-gun, Oita 879-7153 (JP). **ISHIDA, Akira** [JP/JP]; Kawasumi Laboratories, Inc., 7-1, Oaza Tamada, Mie-cho, Ono-gun, Oita 879-7153 (JP). **WATANABE, Masatoshi** [JP/JP]; Kawasumi Laboratories, Inc., 7-1, Oaza Tamada, Mie-cho, Ono-gun, Oita 879-7153 (JP).

(74) **KOIKE, Nobuo**; Akiba Building, Room 302, 3-2, Ohsaki 4-chome, Shinagawa-ku, Tokyo 141-0032 (JP).

(81) JP US.

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

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(51)[7] **A61M 5/14**

(11) **WO 01/70306** (13) A2

(21) PCT/US01/09407

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,583 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • IV POLE
• POTENCE

(71) **FERNO-WASHINGTON, INC.** [US/US]; 70 Weil Way, Wilmington, OH 45177-9371 (US).

(72) **CHINN, Robert, C.**; 6408 Cherrytree Lane, Atlanta, GA 30328 (US). **CHINN, James, N.**; 49 Thompson Place, Roswell, GA 30075 (US).

(74) **JIVIDEN, William, A.** et al. / etc.; Killworth, Gottman, Hagan & Schaeff, L.L.P., Suite 500, One Dayton Centre, One South Main Street, Dayton, OH 45402-2023 (US).

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

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

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(51)[7] **A61M 5/142**

(11) **WO 01/70307** (13) A1

(21) PCT/US01/09139

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/533,578 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 09/672,244 **28 Sep/sep 2000** US **(28.09.2000)**

(30) 09/813,660 **21 Mar/mar 2001** US **(21.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • EXCHANGEABLE ELECTRONIC CARDS FOR INFUSION DEVICES
• CARTES ELECTRONIQUES AMOVIBLES POUR DISPOSITIFS DE PERFUSION

(71) **MINIMED, INC.** [US/US]; 18000 Devonshire Street, Northridge, CA 91325 (US).

(72) **CAUSEY, James, D., III**; 2107 Cushman Court, Simi Valley, CA 93063 (US). **STUTZ, William, H., Jr.**; 5261 College View Avenue, Eagle Rock, CA 90041 (US). **NASON, Clyde, K.**; 23622 W. Shadylane Place, Valencia, CA 91354 (US). **MOBERG, Sheldon, B.**; 11828 Paso Robles Avenue, Granada Hills, CA 91344 (US). **YONEMOTO, Jay**; 1154 South Crofter Drive, Diamond Bar, CA 91765 (US). **PURVIS, Richard, E.**; 991 Palm Terrace, Pasadena, CA 91104 (US). **TALBOT, Cary**; 27539 Catala Avenue, Santa Clarita, CA 91350 (US).

(74) **TALBOT, Cary**; MiniMed Inc., 18000 Devonshire Street, Northridge, CA 91325 (US).

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

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

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(51)[7] **A61M 5/178, F16K 15/00, 17/00, 21/04**

(11) **WO 01/70308** (13) A1

(21) PCT/US01/08511

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/528,548 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CATHETER INTRODUCER ASSEMBLY WITH DUAL HEMOSTATIC VALVE
• ENSEMBLE D'INSERTION DE CATHETER DOTE D'UNE DOUBLE VALVE HEMOSTATIQUE

(71) **ARTERIA MEDICAL SCIENCE, INC.** [US/US]; The Presidio, Old Army Headquarters, Building 220, Suite 120, P.O. Box 29450, San Francisco, CA 94129 (US).

(72) **PARODI, Juan, Carlos**; Blanco Encolada 1543, Capital Federal, Buenos Aires 1428 (AR).

(74) **PISANO, Nicola, A.** et al. / etc.; c/o Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

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

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

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(51)[7] **A61M 5/30**

(11) **WO 01/70309** (13) A1

(21) PCT/US01/09337

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,469 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SINGLE USE DISPOSABLE JET INJECTOR
• PISTOLET A INJECTION A USAGE UNIQUE JETABLE

(71) **ANTARES PHARMA, INC.** [US/US]; 161 Cheshire Lane, Suite 100, Minneapolis, MN 55441 (US).

(72) **NELSON, Sheldon, J.**; 320 Quaker Lane, Plymouth, MN 55441 (US). **ADAM, Kenneth**; 900 Saddlebrook Trail, Chanhassen, MN 55317 (US). **BERMAN, Claude, L.**; 7836 Bay Tree Drive, Ypsilanti, MI 48197 (US). **SADOWSKI, Peter, L.**; 8974 Pheasant Run Road, Woodbury, MN 55125 (US). **LESCH, Paul, R., Jr.**; 3978 Edgewood Road, NE, Lexington, MN 55014 (US).

(74) **HARBULAK, Stephen, J.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

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

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

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(51)[7] **A61M 5/315**

(11) **WO 01/70310** (13) A1

(21) PCT/JP01/01869

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) ja (26) ja

(30) 2000-75668 **17 Mar/mar 2000** JP **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYRINGE
• SERINGUE

(71) **KABUSHIKI KAISHA TOP** [JP/JP]; 19-10, Senjunakai-cho, Adachi-ku, Tokyo 120-0035 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHIBA, Atsushi** [JP/JP]; c/o KABUSHIKI KAISHA TOP, 19-10, Senjunakai-cho, Adachi-ku, Tokyo 120-0035 (JP). **ICHIKAWA, Kazuhiro** [JP/JP]; c/o KABUSHIKI KAISHA TOP, 19-10, Senjunakai-cho, Adachi-ku, Tokyo 120-0035 (JP).

(74) **SATO, Tatsuhiko**; Shinjuku Maynds Tower 16F, 1-1, Yoyogi 2-Chome, Shibuya-ku, Tokyo 151-0053 (JP).

(81) CN IN SG US.

(84) EP (DE ES FR GB NL).

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(51)[7] **A61M 5/315, 5/178**

(11) **WO 01/70311** (13) A1

(21) PCT/JP01/01870

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) ja (26) ja

(30) 2000-75667 **17 Mar/mar 2000** JP **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF PRODUCING SYRINGE
• PROCEDE DE FABRICATION D'UNE SERINGUE

(71) **KABUSHIKI KAISHA TOP** [JP/JP]; 19-10, Senjunakai-cho, Adachi-ku, Tokyo 120-0035 (JP). **ICHIKAWA, Kazuhiro** [JP/JP]; c/o KABUSHIKI KAISHA TOP, 19-10, Senjunakai-cho, Adachi-ku, Tokyo 120-0035 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHIBA, Atsushi** [JP/JP]; c/o KABUSHIKI KAISHA TOP, 19-10, Senjunakai-cho, Adachi-ku, Tokyo 120-0035 (JP).

(74) **SATO, Tatsuhiko**; Shinjuku Maynds Tower 16F, 1-1, Yoyogi 2-Chome, Shibuya-ku, Tokyo 151-0053 (JP).

(81) CN IN SG US.

(84) EP (DE ES FR GB NL TR).

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(51)[7] **A61M 5/32, 5/34**

(11) **WO 01/70312** (13) A1

(21) PCT/JP01/01927

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) ja (26) ja

(30) 2000-79403 **22 Mar/mar 2000** JP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MEDICAL SYRINGE NEEDLE
• AIGUILLE DE SERINGUE MEDICALE

(71) **NISSHO CORPORATION** [JP/JP]; 9-3, Honjo-nishi 3-chome, Kita-ku, Osaka-shi, Osaka 531-8510 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HIGAKI, Yoshio** [JP/JP]; c/o NISSHO CORPORATION, 9-3, Honjo-nishi 3-chome, Kita-ku, Osaka-shi, Osaka 531-8510 (JP). **YASHIRO, Kenji** [JP/JP]; c/o NISSHO CORPORATION, 9-3, Honjo-nishi 3-chome, Kita-ku, Osaka-shi, Osaka 531-8510 (JP). **MURAKAMI, Mitsuo** [JP/JP]; c/o NISSHO CORPORATION, 9-3, Honjo-nishi 3-chome, Kita-ku, Osaka-shi, Osaka 531-8510 (JP). **TOCHIYAMA, Toshio** [JP/JP]; c/o NISSHO CORPORATION, 9-3, Honjo-nishi 3-chome, Osaka shi, Osaka 531-8510 (JP).

(81) BR CA CN KR MX US.

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

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(51)[7] **A61M 15/00**

(11) **WO 01/70313** (13) A1

(21) PCT/SE01/00557

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 0006525.0 **18 Mar/mar 2000** GB **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INHALER
• INHALATEUR

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

(72, 75) **RASMUSSEN, Jørgen** [DK/DK]; Bang & Olufsen Medicom a/s, Gimsinglundvej 20, DK-7600 Struer (DK).

(74) **ASTRAZENECA AB**; Global Intellectual Property, S-151 85 Södertälje (SE).

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

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

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(51)[7] **A61M 15/00**

(11) **WO 01/70314** (13) A1

(21) PCT/SE01/00558

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 0006526.8 **18 Mar/mar 2000** GB **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INHALER
• INHALATEUR

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

(72, 75) **RASMUSSEN, Jørgen** [DK/DK]; Bang & Olufsen Medicom a/s, Gimsinglundvej 20, DK-7600 Struer (DK).

(74) **ASTRAZENECA AB**; Global Intellectual Property, S-151 85 Södertälje (SE).

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

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

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(51)[7] **A61M 15/00**

(11) **WO 01/70315** (13) A1

(21) PCT/SE01/00559

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 0006527.6 **18 Mar/mar 2000** GB **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INHALER
• INHALATEUR

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

(72, 75) **HUXHAM, Laurence, Stanmore** [GB/GB]; AstraZeneca R & D Charnwood, Bakewell Road, Loughborough, Leics. LE11 5RH (GB). **RASMUSSEN, Jørgen** [DK/DK]; Bang & Olufsen Medicom a/s, Gimsinglundvej 20, DK-7600 Struer (DK).

(74) **ASTRAZENECA AB**; Global Intellectual Property, S-151 85 Södertälje (SE).

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

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

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(51)[7] **A61M 15/00**

(11) **WO 01/70316** (13) A1

(21) PCT/SE01/00560

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 0006528.4 **18 Mar/mar 2000** GB **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INHALER
• INHALATEUR

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

(72, 75) **KNUDSEN, Lars** [DK/DK]; Bang & Olufsen Medicom a/s, Gimsinglundvej 20, DK-7600 Struer (DK).

(74) **ASTRAZENECA AB**; Global Intellectual Property, S-151 85 Södertälje (SE).

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

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

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(51)[7] **A61M 15/00**

(11) **WO 01/70317** (13) A1

(21) PCT/SE01/00561

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 0006529.2 **18 Mar/mar 2000** GB **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INHALER
• INHALATEUR

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

(72, 75) **JANSEN, Rob** [GB/GB]; AstraZeneca R & D Charnwood, Bakewell Road, Loughborough, Leics. LE11 5RH (GB). **KNUDSEN, Lars** [DK/DK]; Bang & Olufsen Medicom a/s, Gimsinglundvej 20, DK-7600 Struer (DK). **VILSTRUP, Henrik** [DK/DK]; Bang & Olufsen Medicom a/s, Gimsinglundvej 20, DK-7600 Struer (DK).

(74) **ASTRAZENECA AB**; Global Intellectual Property, S-151 85 Södertälje (SE).

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

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

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(51)[7] **A61M 15/00**

(11) **WO 01/70318** (13) A1

(21) PCT/SE01/00601

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0000935-7 **21 Mar/mar 2000** SE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AN INHALATION DEVICE
• DISPOSITIF D'INHALATION

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

(72, 75) **HELGESSON, Per** [SE/SE]; AstraZeneca R & D Lund, S-221 87 Lund (SE). **JENNINGS, Douglas** [GB/GB]; PA Consulting Group, Cambridge Technology Centre, Melbourn, Nr, Royston, Hertfordshire SG8 6DP (GB). **NELSON, Craig** [GB/GB]; PA Consulting Group, Cambridge Technology Centre, Melbourn, Nr, Royston, Hertfordshire SG8 6DP (GB).

(74) **ASTRAZENECA AB**; Global Intellectual Property, S-151 85 Södertälje (SE).

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

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

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(51)[7] **A61M 15/00**

(11) **WO 01/70319** (13) A2

(21) PCT/US01/07202

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) en (26) en

(30) 09/531,732 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AN INHALATION ACTUATED DEVICE
• DISPOSITIF ACTIONNE PAR INHALATION

(71) **IEP PHARMACEUTICAL DEVICES, INC.** [US/US]; 6320 Angus Drive, Raleigh, NC 27617 (US).

(72) **GENOVA, Perry, A.**; P.O. Box 16036, Chapel Hill, NC 27516 (US). **WILLIAMS, Robert, C., III**; 11309 Derby Lane, Raleigh, NC 27613 (US). **WAKEFIELD, Keith**; 297A Winston Road, Clayton, NC 27520 (US).

(74) **SANTUCCI, Ronald, R.** et al. / etc.; Pitney, Hardin, Kipp & Szuch, LLP, 20th Floor, 711 Third Avenue, New York, NY 10017 (US).

(81) AU CA JP.

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

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(51)[7] **A61M 16/00**

(11) **WO 01/70320** (13) A1

(21) PCT/US01/07155

(22) **6 Mar/mar 2001 (06.03.2001)**

(25) en (26) en

(30) 09/528,576 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 09/774,469 **30 Jan/jan 2001** US **(30.01.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHODS AND SYSTEMS FOR ENHANCING FLUID FLOW THROUGH AN OBSTRUCTED VASCULAR SITE
• PROCEDES ET SYSTEMES DESTINES A AMELIORER LA CIRCULATION FLUIDIQUE AU TRAVERS D'UN SITE VASCULAIRE OBSTRUE

(71) **CORAZON TECHNOLOGIES, INC.** [US/US]; 199 Jefferson Avenue, Menlo Park, CA 94025 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JOHANSSON, Peter, K.** [US/US]; 199 Jefferson Avenue, Menlo Park, CA 94025 (US). **DELANEY, David** [US/US]; 281 Casitas Boulevard, Los Gatos, CA 95032 (US). **CONSTANTZ, Brent** [US/US]; 199 Jefferson Drive, Menlo Park, CA 94025 (US). **HANKERMEYER, Christine** [US/US]; 199 Jefferson Drive, Menlo Park, CA 94025 (US).

(74) **FIELD, Bret, E.**; Bozicevic, Field & Francis LLP, Suite 200, 200 Middlefield Road, Menlo Park, CA 94025 (US).

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

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

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(51)[7] **A61M 25/00**

(11) **WO 01/70321** (13) A1

(21) PCT/US01/09467

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,709 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CATHETER INTRODUCER SHEATH
• GAINE D'INTRODUCTION DE CATHETER

(71) **COOK INCORPORATED** [US/US]; 925 South Curry Pike, P.O. Box 489, Bloomington, IN 47402-0489 (US).

(72) **PARKER, Fred, T.**; 8164 E. St. Rd. 45, Unionville, IN 47468 (US).

(74) **NESS, Anton, P.**; P.O. Box 2269, Bloomington, IN 47402-2269 (US).

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

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

Published / Publiée : *(c)*

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(51)[7] **A61M 25/00**

(11) **WO 01/70322** (13) A1

(21) PCT/US01/09472

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,726 **24 Mar/mar 2000** US **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ANESTHESIA CONDUCTION CATHETER
• CATHETER POUR ANESTHESIE

(71, 72) **BRUSHEY, Stephen** [US/US]; 9229 Pannier Road, Pittsburgh, PA 15237 (US).

(74) **MROZINSKI, John, E., Jr.**; Thorp Reed & Armstrong, LLP, One Oxford Centre, 14th Floor, 301 Grant Street, Pittsburgh, PA 15219-1425 (US).

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

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

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(51)[7] **A61M 25/00**

(11) **WO 01/70323** (13) A1

(21) PCT/US01/09641

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/533,403 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF BONDING TUBULAR CATHETER PORTIONS
• PROCEDE D'ASSEMBLAGE DE PARTIES DE CATHETER TUBULAIRES

(71) **SCIMED LIFE SYSTEMS, INC.** [US/US]; One SciMed Place, Maple Grove, MN 55331-1566 (US).

(72) **STIVLAND, Timothy, M.**; 2725 Weston Lane, Plymouth, MN 55447 (US). **JOHNSON, Michael, W.**; 21480 Foxtail Lane, Rogers, MN 55374 (US).

(74) **SEAGER, Glenn, M.** et al. / etc.; Crompton, Seager & Tufte, LLC, Suite 895, 331 Second Avenue South, Minneapolis, MN 55401 (US).

(81) CA JP.

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

Published / Publiée : *(c)*

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(51)[7] **A61M 25/01**

(11) **WO 01/70324** (13) A1

(21) PCT/US01/08432

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/191,058 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INTRODUCER SHEATH
• GAINE D'INTRODUCTION

(71) **COOK INCORPORATED** [US/US]; 925 South Curry Pike, P.O.Box 489, Bloomington, IN 47402-0489 (US). **SABIN CORPORATION** [US/US]; 3800 Constitution Avenue, Bloomington, IN 47402 (US).

(72) **DREWES, David, A., Jr.**; 5021 Autumn Circle, Bloomington, IN 47403 (US). **EELLS, Scott, E.**; 7552 S. Mt. Zion Road, Bloomington, IN 47403 (US). **GRAF, Matthew, M.**; 3719 Sugar Lane, Bloomington, IN 47404 (US).

(74) **NESS, Anton, P.**; P.O. Box 2269, Bloomington, IN 47402-2269 (US).

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

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

Published / Publiée : *(c)*

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(51)[7] **A61M 25/10**

(11) **WO 01/70325** (13) A2

(21) PCT/US01/08183

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 09/531,740 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • EMBOLI PROTECTION SYSTEM
• SYSTEME DE PROTECTION CONTRE L'EMBOLIE

(71) **ADVANCED CARDIOVASCULAR SYSTEMS, INC.** [US/US]; 3200 Lakeside Drive, Santa Clara, CA 95054-2807 (US).

(72) **KOKISH, Arkady**; 105 Griffith Place, Los Gatos, CA 95030 (US). **MIRZAEE, Daryush**; 629 Ashbourne Drive, Sunnyvale, CA 94087 (US). **PENN, Eric, J.**; 16455 Oak Glen Avenue, Morgan Hill, CA 95037 (US). **HUTER, Benjamin, C.**; 24375 Jackson Avenue, Apt. I-307, Murrieta, CA 92562 (US). **STALKER, Kent, C., B.**; 702 Pascali Court, San Marcos, CA 92069 (US). **JACKSON, Gregg, A.**; 950 High School Way, #3328, Mountain View, CA 94041 (US).

(74) **HANKE, Gunther, O.** et al. / etc.; Fulwider Patton Lee & Utecht, Llp., Howard Hughes Center, Tenth floor, 6060 Center Drive, Los Angeles, CA 90045 (US).

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

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

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(51)[7] **A61M 29/00**

(11) **WO 01/70326** (13) A1

(21) PCT/US01/08411

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/533,318 **22 Mar/mar 2000** US **(22.03.2000)**

(30) 09/611,042 **6 Jul/juil 2000** US **(06.07.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEVICE AND METHOD OF GUIDE WIRE BALLOON INFLATION AND DEFLATION TO PREVENT CEREBRAL EMBOLIZATION DURING CAROTID STENTING
• DISPOSITIF ET PROCEDE PERMETTANT DE GONFLER ET DE DEGONFLER LE BALLONNET D'UN FIL DE GUIDAGE AFIN D'EVITER L'EMBOLIE CEREBRALE LORS DE LA POSE D'UNE ENDOPROTHESE DANS LA CAROTIDE

(71) **ARTERIA MEDICAL SCIENCE, INC.** [US/US]; The Presidio, Old Army Headquarters, Building 220, Suite 120, P.O. Box 29450, San Francisco, CA 94129 (US).

(72) **PARODI, Juan Carlos**; Blanco Encolada 1543, Capital Federal, Buenos Aires 1428 (AR).

(74) **PISANO, Nicola, A.** et al. / etc.; c/o Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

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

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

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

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(51)[7] **A61M 35/00, B65D 8/02**

(11) **WO 01/70327** (13) A1

(21) PCT/CN01/00137

(22) **22 Feb/fév 2001 (22.02.2001)**

(25) zh (26) zh

(30) 00 1 03168.6 **21 Mar/mar 2000** CN **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A PNEUMATIC TUBAL CONTAINER OPENED BY PRESSING ITS SIDE
• CONTENEUR TUBULAIRE A OUVERTURE LATERALE PAR PRESSION

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

(74) **CCPIT Patent and Trademark Law Office**; 8th Floor, 2 Fuchengmenwai Street, Beijing 100037 (CN).

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

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

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(51)[7] **A61M 36/12**

(11) **WO 01/70328** (13) A1

(21) PCT/US01/08858

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/531,922 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BRACHYTHERAPY DEVICE
• DISPOSITIF DE CURIETHERAPIE

(71) **PROMEX, INC.** [US/US]; 3049 Hudson Street, Franklin, IN 46131 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MILLER, Michael, E.** [US/US]; 4560 West Woodpecker, Trafalgar, IN 46181 (US).

(74) **BECK, Deborah, R.** et al. / etc.; Baker & Daniels, Suite 2700, 300 N. Meridian Street, Indianapolis, IN 46204 (US).

(81) JP US.

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

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(51)[7] **A61M 37/00**

(11) **WO 01/70329** (13) A1

(21) PCT/EP01/02696

(22) **10 Mar/mar 2001 (10.03.2001)**

(25) de (26) de

(30) 100 14 518.3 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEVICE FOR ADMINISTERING IMPLANTS
• DISPOSITIF D'INJECTION D'IMPLANTS

(71) **AVENTIS PHARMA DEUTSCHLAND GMBH** [DE/DE]; Brüningstrasse 50, 65929 Frankfurt (DE).

(72) **LOOS, Hans-Joachim**; An der Schleuse 5, 65462 Ginsheim-Gustavsburg (DE).

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

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

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(51)[7] **A61M 37/00**

(11) **WO 01/70330** (13) A2

(21) PCT/US01/08489

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/189,971 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM, METHOD, AND DEVICE FOR NON-INVASIVE BODY FLUID SAMPLING AND ANALYSIS
• SYSTEME, PROCEDE ET DISPOSITIF POUR LE PRELEVEMENT NON-INVASIF ET L'ANALYSE DE FLUIDES ORGANIQUES

(71) **SONTRA MEDICAL, INC.** [US/US]; 58 Charles Street, Cambridge, MA 02141 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CUSTER, Linda** [US/US]; 226 Dicenzo Boulevard, Marlborough, MA 01752 (US). **ELSTROM, Tuan, A.** [US/US]; 12780 W. Sanctuary Lane, Lake Bluff, IL 60044 (US). **KELLOGG, Scott, C.** [US/US]; 27 Sheffield Road, Boston, MA 02131 (US). **KOST, Joseph** [US/US]; Apartment #303, 931 Massachusetts Avenue, Cambridge, MA 02141 (US). **WARNER, Nicholas, F.** [US/US]; 296 Concord Avenue, Belmont, MA 02178 (US).

(74) **TATE, Rodger, L.** et al. / etc.; Brobeck, Phleger & Harrison LLP, Suite 800, 1333 H Street, N.W., Washington, DC 20005 (US).

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

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

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(51)[7] **A61N**

(11) **WO 01/70331** (13) A2

(21) PCT/US01/06898

(22) **2 Mar/mar 2001 (02.03.2001)**

(25) en (26) en

(30) 09/528,627 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR MONITORING PHYSIOLOGIC PARAMETERS IN CONJUNCTION WITH A TREATMENT REGIMEN
• METHODE ET APPAREIL DE CONTROLE DE PARAMETRES PHYSIOLOGIQUES CONJOINTEMENT A UN SCHEMA POSOLOGIQUE DE TRAITEMENT

(71) **MEDTRONIC, INC.** [US/US]; 710 Medtronic Parkway NE, Minneapolis, MN 55432 (US).

(72) **OUSDIGIAN, Kevin, T.**; 1283 Pinehurst Avenue, St.Paul, MN 55116 (US). **STONE, Karen, A.**; 2601 Lake Avenue, White Bear Lake, MN 55110 (US). **PADMANABHAN, Vasant**; 8165 Peony Lane North, Maple Grove, MN 55311 (US).

(74) **WOLDE-MICHAEL, Girma** et al. / etc.; Medtronic, Inc. LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

(81) CA JP.

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

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(51)[7] **A61N**

(11) **WO 01/70332** (13) A2

(21) PCT/US01/08687

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/533,880 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • STIMULATORY DEVICE AND METHODS TO ELECTRICALLY STIMULATE THE PHRENIC NERVE
• DISPOSITIF ET METHODES DE STIMULATION PERMETTANT DE STIMULER LE NERF PHRENIQUE

(71) **CPRX LLC** [US/US]; 4330 Upton Avenue South, Minneapolis, MN 55410 (US).

(72) **ZIELINSKI, Todd, M.**; 48 27th Avenue S.E. #203, Minneapolis, MN 55414 (US). **LURIE, Keith, G.**; 4751 Girard Avenue South, Minneapolis, MN 55409 (US). **VOELCKEL, Wolfgang**; Krehbachgasse 13C, A-6410 Telfs (AT). **PATTERSON, Robert**; 3761 Foss Road, Minneapolis, MN 55421 (US). **SAMNIAH, Nemer**; Khury Street 23, Haifa

(IL). **MCKNITE, Scott**; 4217 Bryant Avenue South, Minneapolis, MN 55409 (US). **LINDNER, Karl**; Gartenweg 21, A-6161 Natters (AT).

(74) **GIBBY, Darin, J.** et al. / etc.; Townsend and Townsend and Crew LLP, 1200 Seventeenth Street, Ste 2700, Denver, CO 80202 (US).

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

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

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(51)[7] **A61N 1/04, 1/32**

(11) **WO 01/70333** (13) A1

(21) PCT/JP01/02174

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ja (26) ja

(30) 2000-84980 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PULSE HEALTH DEVICE
• DISPOSITIF MEDICAL A IMPULSIONS

(71) **YAMAN LTD.** [JP/JP]; 4-4, Furuishiba 1-chome, Koto-ku, Tokyo 135-0045 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMAZAKI, Iwao** [JP/JP]; C/O YAMAN Ltd., 4-4, Furuishiba 1-chome, Koto-ku, Tokyo 135-0045 (JP). **IZAWA, Yoshihiro** [JP/JP]; C/O YAMAN Ltd., 4-4, Furuishiba 1-chome, Koto-ku, Tokyo 135-0045 (JP).

(74) **MAKI, Tetsuro** et al. / etc.; Suite 402, Shuwa Kioicho Park Bldg., 3-6, Kioi-cho, Chiyoda-ku, Tokyo 102-0094 (JP).

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

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

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(51)[7] **A61N 1/40**

(11) **WO 01/70334** (13) A1

(21) PCT/CH00/00603

(22) **13 Nov/nov 2000 (13.11.2000)**

(25) en (26) en

(30) 572/00 **24 Mar/mar 2000** CH **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • EQUIPMENT DESIGNED TO STIMULATE AND OPTIMISE THE BIOMOLECULAR AND CELLULAR REORGANIZATION
• EQUIPEMENT CONÇU POUR STIMULER ET OPTIMISER LA REORGANISATION BIOMOLECULAIRE ET CELLULAIRE

(71) **ACTIVE MEDICAL DEVICES S.A.** [CH/CH]; Via Ronchetto, 5, CH-6900 Lugano (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GIANGREGORIO, Saverio** [IT/CH]; Via Privata Campagna, 15, CH-6900 Massagno (CH).

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

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

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(51)[7] **A61N 5/06**

(11) **WO 01/70335** (13) A1

(21) PCT/US01/08792

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/532,516 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AN ADJUSTABLE UNIVERSAL IMPLANT BLANK FOR MODIFYING CORNEAL CURVATURE AND METHODS OF MODIFYING CORNEAL CURVATURE THEREWITH
• IMPLANT UNIVERSEL AJUSTABLE SERVANT A MODIFIER LA COURBURE DE LA CORNEE, ET TECHNIQUES DE MODIFICATION DE LA COURBURE DE LA CORNEE UTILISANT LEDIT IMPLANT

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

(74) **BUCZYNSKI, Joseph** et al. / etc.; Roylance, Abrams, Berdo & Goodman, LLP, 1300 19th Street N.W. Suite 600, Washington, DC 20036 (US).

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

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

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(51)[7] **A61N 5/10**

(11) **WO 01/70336** (13) A1

(21) PCT/CA01/00397

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,476 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 60/207,965 **31 May/mai 2000** US **(31.05.2000)**

(30) 60/226,564 **21 Aug/août 2000** US **(21.08.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHODS AND DEVICES FOR RADIATION THERAPY
• TECHNIQUES DE RADIOTHÉRAPIE ET APPAREILS CORRESPONDANTS

(71) **NEUTRON THERAPY AND IMAGING INC.** [CA/CA]; 10816-20A Avenue, Edmonton, Alberta T6J 5T3 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ADNANI, Nabil** [CA/CA]; 10816--20A Avenue, Edmonton, Alberta T6J 5T3 (CA).

(74) **RAE, Patricia, A.**; Sim & McBurney, 330 University Avenue, 6th Floor, Toronto, Ontario M5G 1R7 (CA).

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

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

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(51)[7] **A61P 15/00, 15/10, A61K 31/535, 31/54, 31/495, 31/50, 31/55, C07D 223/14, 401/00, 413/00, 417/00**

(11) **WO 01/70337** (13) A1

(21) PCT/US01/08833

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/191,669 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SPIROPIPERIDINE DERIVATIVES AS MELANOCORTIN RECEPTOR AGONISTS
• DERIVES DE SPIROPIPERIDINE UTILISES COMME AGONISTES DU RECEPTEUR DE LA MELANOCORTINE

(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) **PALUCKI, Brenda, L.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **NARGUND, Ravi, P.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(74) **MERCK & CO., INC.**; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

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

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

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(51)[7] **A62D 3/00**

(11) **WO 01/70338** (13) A2

(21) PCT/EP01/02816

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) de (26) de

(30) 100 13 796.2 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DECONTAMINATION COMPOSITION AND EMULSIONS THEREFROM
• COMPOSITION DE DECONTAMINATION ET SES EMULSIONS

(71) **ALFRED KÄRCHER GMBH & CO.** [DE/DE]; Alfred-Kärcher-Strasse 28-40, 71364 Winnenden (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRANKE, Siegfried** [DE/DE]; Weinhüblerstrasse 10, 02827 Görlitz (DE). **TÖPFER, Hans-Joachim** [DE/DE]; Silberpappelweg 26/1, 71522 Backnang (DE). **RITSCHER, Frank** [DE/DE]; Parkstrasse 2/1, 71384 Weinstadt (DE).

(74) **WÖSSNER, Gottfried** et al. / etc.; Uhlandstrasse 14c, 70182 Stuttgart (DE).

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

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

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(51)[7] **A63B 22/02**

(11) **WO 01/70339** (13) A1

(21) PCT/US01/04375

(22) **9 Feb/fév 2001 (09.02.2001)**

(25) en (26) en

(30) 09/527,042 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LOW-PROFILE FOLDING, MOTORIZED TREADMILL
• TAPIS ROULANT MOTORISE PLIABLE A DIMENSION REDUITE

(71) **ICON HEALTH & FITNESS, INC.** [US/US]; 1500 South 1000 West, Logan, UT 84321 (US).

(72) **HAMMER, Rodney, L.**; 381 North Main, Lewiston, UT 84320 (US). **FRY, Richard, Eldon**; 525 East 300 North, Logan, UT 84321 (US). **DALEBOUT, William, T.**; 1770 East 1730 North, Logan, UT 84321 (US). **WATTERSON, Scott**; 560 South 1000 East, Logan, UT 84321 (US). **BUTLER, Jeremy**; 8865 South 300 West, Paradise, UT 84328 (US).

(74) **RICHARDS, Jonathan, W.** et al. / etc.; Workman, Nydegger & Seeley, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111 (US).

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

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

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(51)[7] **A63B 22/06, A63F 13/06**

(11) **WO 01/70340** (13) A2

(21) PCT/GB01/01234

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0006672.0 **21 Mar/mar 2000** GB **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • IMPROVEMENTS RELATING TO GAMES CONTROLLERS
• AMELIORATIONS AFFERENTES A DES CONTROLEURS DE JEUX

(71, 72) **RICE, Michael, Joseph, Patrick** [GB/GB]; 9 St. Georges Hill, Bathampton, Bath BA2 6RN (GB).

(74) **BARKER BRETTELL**; 138 Hagley Road, Edgbaston, Birmingham B16 9PW (GB).

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

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

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(51)[7] **A63B 37/06**

(11) **WO 01/70341** (13) A1

(21) PCT/US01/07132

(22) **5 Mar/mar 2001 (05.03.2001)**

(25) en (26) en

(30) 09/527,381 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MULTIPLE PIECE GOLF BALL
• BALLE DE GOLF COMPORTANT DES ELEMENTS MULTIPLES

(71) **CALLAWAY GOLF COMPANY** [US/US]; 2285 Rutherford Road, Carlsbad, CA 92008-8815 (US).

(72) **OGG, Steven, S.**; 979 Turnstone Road, Carlsbad, CA 92009 (US). **DEWANJEE, Pijush, K.**; 3746 Saddle Drive, Carlsbad, CA 92008 (US).

(74) **CATANIA, Michael, A.**; Callaway Golf Company, 2285 Rutherford Road, Carlsbad, CA 92008-8815 (US).

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

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

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(51)[7] **A63B 49/04, 49/10**

(11) **WO 01/70342** (13) A1

(21) PCT/JP01/02183

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ja (26) ja

(30) 2000-123355 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • RACKET FOR BALL GAME AND METHOD OF MANUFACTURING THE RACKET
• RAQUETTE DE JEU ET PROCEDE DE FABRICATION

(71, 72) **OGIWARA, Shuji** [JP/JP]; A3-4, 4-5, Namiyanagi, Matsumoto-shi, Nagano 390-0825 (JP).

(74) **SAEGUSA, Hiroaki**; Saegusa Patent Office, 1602-3, Oaza-Nakasu, Suwa-shi, Nagano 392-0015 (JP).

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

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

Published / Publiée : *(b)*

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(51)[7] **A63B 53/04**

(11) **WO 01/70343** (13) A1

(21) PCT/GB01/00944

(22) **5 Mar/mar 2001 (05.03.2001)**

(25) en (26) en

(30) 0006936.9 **23 Mar/mar 2000** GB **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PUTTERS
• PUTTERS

(71) **FIEL LIMITED** [GB/GB]; Southdown, Slade Lane, Galmpton, Brixham TQ5 0PE (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FIELD, Christopher, Howard** [GB/GB]; Southdown, Slade Lane, Galmpton, Brixham TQ5 0PE (GB).

(74) **HASELTINE LAKE & CO.**; Imperial House, 15-19 Kingsway, London WC2B 6UD (GB).

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

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

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(51)[7] **A63B 53/06**

(11) **WO 01/70344** (13) A1

(21) PCT/US01/05824

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/532,098 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • GOLF POSITIONING DEVICE
• DISPOSITIF DE POSITIONNEMENT POUR LE GOLF

(71, 72) **SPITZER, Andrew** [US/US]; 39 Gunners Exchange Road, Plymouth, MA 02360 (US).

(74) **MEREK, James, J.** et al. / etc.; Merek & Voorhees, 643 B South Washington Street, Alexandria, VA 22314 (US).

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

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

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(51)[7] **A63B 69/00**

(11) **WO 01/70345** (13) A1

(21) PCT/HU00/00025

(22) **24 Mar/mar 2000 (24.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ARRANGEMENT AND PROCEDURE FOR TESTING AND IMPROVING THE PHYSICAL CONDITION AND TECHNICAL SKILL OF SPORTSMEN
• ASSEMBLAGE ET PROCEDURE PERMETTANT DE TESTER ET D'AMELIORER LES CONDITIONS PHYSIQUES ET LES APTITUDES TECHNIQUES DES SPORTIFS

(71, 72) **MEZEY, György** [HU/HU]; Hóvirág u. 55, H-2083 Solymár (HU).

(74) **SZUHAI, Elemér**; Danubia Patent and Trademark Attorneys, Bajcsy Zsilinszky út 16, H-1051 Budapest (HU).

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

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

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(51)[7] **A63B 69/18**

(11) **WO 01/70346** (13) A1

(21) PCT/US01/08917

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/533,614 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SKI EXERCISING APPARATUS
• APPAREIL D'EXERCICE DE SIMULATION DE SKI

(71) **THE SKIER'S EDGE COMPANY, INC.** [US/US]; P.O. Box 2700, Park City, CA 84060 (US).

(72) **LOANE, R., Joel**; 1572 Aerie Circle, Park City, UT 84060 (US).

(74) **BOYS, Donald, R.**; P.O. Box 187, Aromas, CA 95004 (US).

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

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

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(51)[7] **A63B 69/36**

(11) **WO 01/70347** (13) A1

(21) PCT/US01/08459

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,397 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • GOLF SWING CONDITIONER
• CONDITIONNEUR POUR SWING DE GOLF

(71) **FIT EXPRESS, INC.** [US/US]; P.O. Box 556, Tupelo, MS 38802-0556 (US).

(72) **CHAPMAN, David**; P.O. Box 556, Tupelo, MS 38802-0556 (US). **COLE, Truman, Vincent**; 1708 Oakview Drive, Tupelo, MS 38804 (US). **CAVARETTA, Kevin**; P.O. Box 556, Tupelo, MS 38802-0556 (US).

(74) **DARDEN, Allen, D.**; P.O. Box 4412, Baton Rouge, LA 70821-4412 (US).

(81) CA JP MX.

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

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(51)[7] **A63C 9/00**

(11) **WO 01/70348** (13) A1

(21) PCT/CA01/00394

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 2,301,765 **24 Mar/mar 2000** CA **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BINDING-SKI INTERFACE
• INTERFACE POUR FIXATION DE SKI

(71, 72) **THIBAULT, Frédéric** [CA/CA]; 1213 rue Rouville, Ste-Foy, Quebec G1W 3T5 (CA).

(74) **DUBUC, J., H.** et al. / etc.; Goudreau Gage Dubuc, Stock Exchange Tower, 800 Place Victoria, Suite 3400, P.O. Box 242, Montréal, Québec H4Z 1E9 (CA).

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

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

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

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(51)[7] **A63C 9/00**

(11) **WO 01/70349** (13) A2

(21) PCT/US01/08922

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/532,320 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BINDING MECHANISM FOR A TOURING SNOWBOARD
• MECANISME DE FIXATION POUR UN PLANCHE A NEIGE DE RANDONNEE

(71) **THE BURTON CORPORATION** [US/US]; 80 Industrial Parkway, Burlington, VT 05401 (US).

(72) **MARAVETZ, Paul, T.**; 2129 Sterling Valley Road, Morrisville, VT 05661 (US).

(74) **FERRARO, Neil, P.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

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

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

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(51)[7] **A63C 9/086**

(11) **WO 01/70350** (13) A1

(21) PCT/SE01/00582

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) sv (26) en

(30) 0000979-5 **22 Mar/mar 2000** SE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A DEVICE FOR DETACHABLE ATTACHMENT OF A SKI BINDING TO A SKI
• DISPOSITIF D'ATTACHE AMOVIBLE D'UNE FIXATION DE SKI DESTINE A UN SKI

(71, 72) **DAABACH, Erik** [SE/SE]; Box 32, S-840 93 Hede (SE).

(74) **AWAPATENT AB**; Box 44, S-832 21 Frösön (SE).

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

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

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(51)[7] **A63D 5/00**

(11) **WO 01/70351** (13) A1

(21) PCT/CH01/00092

(22) **13 Feb/fév 2001 (13.02.2001)**

(25) de (26) de

(30) 526/00 **20 Mar/mar 2000** CH **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ARRANGEMENT FOR BOWLING ALLEYS
• AMENAGEMENT DE PISTES DE JEU DE QUILLES

(71) **BMS BOWLING MARKETING SERVICE AG** [CH/CH]; Werkstrasse 50, CH-8630 Rüti (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MENICONI, Vittorio** [IT/CH]; Loorenstrasse 1, CH-8635 Oberdürnten (CH).

(74) **ROTTMANN, ZIMMERMANN + PARTNER AG**; Glattalstrasse 37, CH-8052 Zürich (CH).

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

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

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(51)[7] **A63F 3/06**

(11) **WO 01/70352** (13) A1

(21) PCT/AU01/00234

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) en (26) en

(30) PQ 6408 **22 Mar/mar 2000** AU **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • WAGERING GOLF GAME
• JEU DE GOLF AVEC PARI

(71) **ARISTOCRAT TECHNOLOGIES AUSTRALIA PTY. LTD.** [AU/AU]; 71 Longueville Road, Lane Cove, NSW 2066 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BENNETT, Nicholas, Luke** [AU/AU]; 71 Longueville Road, Lane Cove, NSW 2066 (AU).

(74) **F B RICE & CO**; 605 Darling Street, Balmain NSW 2041 (AU).

(81) AU JP NZ US ZA.

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(51)[7] **A63F 3/06**

(11) **WO 01/70353** (13) A1

(21) PCT/SI00/00031

(22) **28 Dec/déc 2000 (28.12.2000)**

(25) en (26) en

(30) P-200000083 **24 Mar/mar 2000** SI **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ENTRY TICKET IN THE SYSTEM OF NUMERICAL GAMES OF CHANCE AND METHOD OF COMPLETING THE SAID TICKET
• BULLETIN DE PARTICIPATION A UN SYSTEME DE JEUX DE HASARD A NUMEROS, ET PROCEDE POUR REMPLIR LEDIT BULLETIN

(71, 72) **ŠPENDE, Bojan** [SI/SI]; Šišenska 2, 1000 Ljubljana (SI).

(74) **PIPAN, Marjan**; Kotnikova 5, 1000 Ljubljana (SI).

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

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

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(51)[7] **A63F 9/18, A47G 19/22**

(11) **WO 01/70354** (13) A1

(21) PCT/US01/08878

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/531,616 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DINNER PARTY CONVERSATION GENERATOR
• STIMULATEUR DE CONVERSATION PENDANT LES REPAS

(63) US 09/531,616 (CON)
21 Mar/mar 2000 (21.03.2000)

(71) **KALEIDACOLOR ORIGINALS, LLC** [US/US]; 1855 Laurel Ridge Drive, Nashville, TN 37215 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PARKER, Mary, L.** [US/US]; 1855 Laurel Ridge Drive, Nashville, TN 37215 (US).

(74) **KELLER, Paul, A.**; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).

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

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

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

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(51)[7] **A63F 13/00, 5/04, G07F 17/34**

(11) **WO 01/70355** (13) A1

(21) PCT/AU01/00188

(22) **23 Feb/fév 2001 (23.02.2001)**

(25) en (26) en

(30) PQ 6297 **17 Mar/mar 2000** AU **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • GAMING MACHINE WITH BANK CREDIT METER
• MACHINE POUR JEUX ET PARIS AVEC COMPTEUR DE CREDIT BANCAIRE

(71) **ARISTOCRAT TECHNOLOGIES AUSTRALIA PTY LTD** [AU/AU]; 71 Longueville Road, Lane Cove, New South Wales 2066 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BENNETT, Nicholas, Luke** [AU/AU]; 71 Longueville Road, Lane Cove, New South Wales 2066 (AU). **BRYANT, Natalie** [AU/AU]; 71 Longueville Road, Lane Cove, New South Wales 2066 (AU). **STATHIS, Peter** [AU/AU]; 45 Sherwin Avenue, Castle Hill, New South Wales 2154 (AU).

(74) **F.B. RICE & CO.**; 605 Darling Street, Balmain, NSW 2041 (AU).

(81) AU JP NZ US ZA.

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(51)[7] **A63F 13/10**

(11) **WO 01/70356** (13) A2

(21) PCT/GB01/01225

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 0006859.3 **21 Mar/mar 2000** GB **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INTERACTIVE GAME
• JEU INTERACTIF

(71) **CLUB4SPORTS LTD.** [GB/GB]; P.O. Box 4625, Sturminster Newton, Dorset DT10 1QU (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILLIAMS, John** [GB/GB]; 7 Old School Lane, Heathfield, Hinton St. Mary, Sturminster, Newton, Dorset DT10 1NA (GB).

(74) **WALASKI, Jan, Filip** et al. / etc.; Venner, Shipley & Co., 20 Little Britain, London EC1A 7DH (GB).

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

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

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(51)[7] **A63F 13/10**

(11) **WO 01/70357** (13) A2

(21) PCT/JP01/02217

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 2000-78549 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ENTERTAINMENT APPARATUS, STORAGE MEDIUM, AND METHOD OF DECIDING WEATHER
• APPAREIL DE DIVERTISSEMENT, SUPPORT DE STOCKAGE ET PROCEDE DE DETERMINATION DU TEMPS

(71) **SONY COMPUTER ENTERTAINMENT INC.** [JP/JP]; 1-1, Akasaka 7-chome, Minato-ku, Tokyo 107-0052 (JP).

(72) **SHOJI, Mitsunori**; c/o SONY COMPUTER ENTERTAINMENT INC., 1-1, Akasaka 7-chome, Minato-ku, Tokyo 107-0052 (JP). **ABE, Koichi**; c/o FUTURE CREATE LIMITED PARTNERSHIP, 15-1-404, Fujiwada Babasakino, Kumiyama-cho, Kuse-gun, Kyoto 613-0044 (JP). **FUKUDA, Izumi**; c/o YUGENKAISHA CROSS, 3-625-5, Uematsu, Oomura-shi, Nagasaki 856-0027 (JP). **FUJII, Yasuhiko**; c/o FUTURE CREATE LIMITED PARTNERSHIP, 15-1-404, Fujiwada Babasakino, Kumiyama-cho, Kuse-gun, Kyoto 613-0044 (JP). **OKITA, Shigeru**; c/o YUGENKAISHA CROSS, 3-625-5, Uematsu, Oomura-shi, Nagasaki 856-0027 (JP). **SEKI, Hiroyuki**; c/o YUGENKAISHA CROSS, 3-625-5, Uematsu, Oomura-shi, Nagasaki 856-0027 (JP). **EGUCHI, Makoto**; c/o YUGENKAISHA CROSS, 3-625-5, Uematsu, Oomura-shi, Nagasaki 856-0027 (JP). **MORINAGA, Hideki**; c/o YUGENKAISHA CROSS, 3-625-5, Uematsu, Oomura-shi, Nagasaki 856-0027 (JP). **HIRABAYASHI, Masaki**; c/o SONY COMPUTER ENTERTAINMENT INC., 1-1, Akasaka 7-chome, Minato-ku, Tokyo 107-0052 (JP).

(74) **MISHINA, Iwao**; 7F, Yokohama HS-Bldg., 9-10, Kitasaiwai 2-chome, Nishi-ku, Yokohama-shi, Kanagawa 220-0004 (JP).

(81) AU BR CA CN KR MX NZ RU SG.

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

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(51)[7] **A63F 13/12**

(11) **WO 01/70358** (13) A2

(21) PCT/IB01/00679

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 09/535,371 **24 Mar/mar 2000** US **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TREASURE HUNT GAME UTILIZING GPS EQUIPPED WIRELESS COMMUNICATIONS DEVICES
• JEU DE CHASSE AUX TRESORS UTILISANT DES DISPOSITIFS DE COMMUNICATION RADIO EQUIPES DU SYSTEME GPS

(71, 72) **SPROGIS, Peter** [CA/GB]; 10 Weymouth Street, Penthouse, London W1N 3FB (GB).

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

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

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(51)[7] **A63F 13/12**

(11) **WO 01/70359** (13) A2

(21) PCT/US01/08755

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/527,729 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ONLINE GAMING SYSTEM AND METHOD
• SYSTEME ET PROCEDE DE JEUX EN LIGNE

(71) **ELOTTERY, INC.** [US/US]; 301 Merrit 7, Norwalk, CT 06851 (US).

(72) **YACENDA, Michael, W.**; 705 Hunting Ridge Road, Stamford, CT 06903 (US).

(74) **CHAU, Frank** et al. / etc.; F. Chau & Associates, LLP, Suite 501, 1900 Hempstead Turnpike, East Meadow, NY 11554 (US).

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

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

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(51)[7] **A63H**

(11) **WO 01/70360** (13) A2

(21) PCT/DE01/00849

(22) **6 Mar/mar 2001 (06.03.2001)**

(25) de (26) de

(30) 200 05 174.1 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DRIVABLE TOY, COMPRISING DRIFT-ANGLE DETECTION

• AUTOMOBILE-JOUET A DETECTION D'ANGLE DE DERIVE

(71) **STS RACING GMBH** [DE/DE]; Südwestpark 94, 90449 Nürnberg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MALEIKA, Hubertus** [DE/DE]; Rebhuhnweg 12, 90513 Zirndorf (DE).

(74) **ZEITLER, Giselher**; Zeitler & Dickel, Hernstrasse 15, 80539 München (DE).

(81) CA NO US.

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

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(51)[7] **A63H**

(11) **WO 01/70361** (13) A2

(21) PCT/IL01/00268

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/192,011 **24 Mar/mar 2000 (24.03.2000)** US

(30) 60/192,012 **24 Mar/mar 2000 (24.03.2000)** US

(30) 60/192,013 **24 Mar/mar 2000 (24.03.2000)** US

(30) 60/192,014 **24 Mar/mar 2000 (24.03.2000)** US

(30) 60/193,697 **31 Mar/mar 2000 (31.03.2000)** US

(30) 60/193,699 **31 Mar/mar 2000 (31.03.2000)** US

(30) 60/193,702 **31 Mar/mar 2000 (31.03.2000)** US

(30) 60/193,703 **31 Mar/mar 2000 (31.03.2000)** US

(30) 60/193,704 **31 Mar/mar 2000 (31.03.2000)** US

(30) 60/195,861 **7 Apr/avr 2000 (07.04.2000)** US

(30) 60/195,862 **7 Apr/avr 2000 (07.04.2000)** US

(30) 60/195,863 **7 Apr/avr 2000 (07.04.2000)** US

(30) 60/195,864 **7 Apr/avr 2000 (07.04.2000)** US

(30) 60/195,865 **7 Apr/avr 2000 (07.04.2000)** US

(30) 60/195,866 **7 Apr/avr 2000 (07.04.2000)** US

(30) 60/196,227 **10 Apr/avr 2000 (10.04.2000)** US

(30) 60/197,573 **17 Apr/avr 2000 (17.04.2000)** US

(30) 60/197,576 **17 Apr/avr 2000 (17.04.2000)** US

(30) 60/197,577 **17 Apr/avr 2000 (17.04.2000)** US

(30) 60/197,578 **17 Apr/avr 2000 (17.04.2000)** US

(30) 60/197,579 **17 Apr/avr 2000 (17.04.2000)** US

(30) 60/200,508 **28 Apr/avr 2000 (28.04.2000)** US

(30) 60/200,513 **28 Apr/avr 2000 (28.04.2000)** US

(30) 60/200,639 **28 Apr/avr 2000 (28.04.2000)** US

(30) 60/200,640 **28 Apr/avr 2000 (28.04.2000)** US

(30) 60/200,641 **28 Apr/avr 2000 (28.04.2000)** US

(30) 60/200,647 **28 Apr/avr 2000 (28.04.2000)** US

(30) 60/203,175 **8 May/mai 2000 (08.05.2000)** US

(30) 60/203,177 **8 May/mai 2000 (08.05.2000)** US

(30) 60/203,182 **8 May/mai 2000 (08.05.2000)** US

(30) 60/203,244 **8 May/mai 2000 (08.05.2000)** US

(30) 60/204,201 **15 May/mai 2000 (15.05.2000)** US

(30) 60/204,200 **15 May/mai 2000 (15.05.2000)** US

(30) 60/207,126 **25 May/mai 2000 (25.05.2000)** US

(30) 60/207,128 **25 May/mai 2000 (25.05.2000)** US

(30) 60/208,105 **26 May/mai 2000 (26.05.2000)** US

(30) 60/208,390 **30 May/mai 2000 (30.05.2000)** US

(30) 60/208,391 **30 May/mai 2000 (30.05.2000)** US

(30) 60/208,392 **30 May/mai 2000 (30.05.2000)** US

(30) 60/209,471 **5 Jun/juin 2000 (05.06.2000)** US

(30) 60/210,443 **8 Jun/juin 2000 (08.06.2000)** US

(30) 60/210,445 **8 Jun/juin 2000 (08.06.2000)** US

(30) 60/212,696 **19 Jun/juin 2000 (19.06.2000)** US

(30) 60/215,360 **30 Jun/juin 2000 (30.06.2000)** US

(30) 60/216,237 **5 Jul/juil 2000 (05.07.2000)** US

(30) 60/216,238 **5 Jul/juil 2000 (05.07.2000)** US

(30) 60/217,357 **12 Jul/juil 2000 (12.07.2000)** US

(30) 60/219,234 **18 Jul/juil 2000 (18.07.2000)** US

(30) 60/220,276 **24 Jul/juil 2000 (24.07.2000)** US

(30) 60/221,933 **31 Jul/juil 2000 (31.07.2000)** US

(30) 60/223,877 **8 Aug/août 2000 (08.08.2000)** US

(30) 60/227,112 **22 Aug/août 2000 (22.08.2000)** US

(30) 60/229,371 **30 Aug/août 2000 (30.08.2000)** US

(30) 60/229,648 **31 Aug/août 2000 (31.08.2000)** US

(30) 60/231,105 **8 Sep/sep 2000 (08.09.2000)** US

(30) 60/231,103 **8 Sep/sep 2000 (08.09.2000)** US

(30) 60/234,883 **25 Sep/sep 2000 (25.09.2000)** US

(30) 60/234,895 **25 Sep/sep 2000 (25.09.2000)** US

(30) 60/239,329 **10 Oct/oct 2000 (10.10.2000)** US

(30) 60/253,362 **27 Nov/nov 2000 (27.11.2000)** US

(30) 60/250,332 **29 Nov/nov 2000 (29.11.2000)** US

(30) 60/254,699 **11 Dec/déc 2000 (11.12.2000)** US

(30) 60/267,350 **8 Feb/fév 2001 (08.02.2001)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INTERACTIVE TOY APPLICATIONS
• APPLICATIONS POUR JOUETS INTERACTIFS

(71) **CREATOR LTD.** [IL/IL]; 16 Basel Street, 49001 Petach Tikva (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GABAI, Oz** [IL/IL]; 156 Jabotinsky Street, 62330 Tel Aviv (IL). **GABAI, Jacob** [IL/IL]; 14 Klee Street, 62336 Tel Aviv (IL). **WEISS, Nathan** [IL/IL]; 7A Meltzer Street, 76285 Rehovot (IL). **SANDLERMAN, Nimrod** [IL/IL]; 44 Churgin Street, 52356 Ramat Gan (IL). **PFEFFER, Zvika** [IL/IL]; 10 Bezalel Street, 64683 Tel Aviv (IL). **YURAN, Noam** [IL/IL]; 28 Groniman Street, 69972 Tel Aviv (IL). **ROSENFELD, Sherman** [IL/IL]; 13 Chish Street, 76225 Rehovot (IL). **VECHT-LIFSCHITZ, Susan, Eve** [GB/IL]; c/o Sanford T. Colb, P.O. Box 2273, 76122 Rehovot (IL).

(74) **COLB, Sanford, T.** et al. / etc.; Sanford T. Colb & Co., P.O. Box 2273, 76122 Rehovot (IL).

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

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

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(51)[7] **A63H 5/00**

(11) **WO 01/70362** (13) A1

(21) PCT/US01/40330

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/190,677 **22 Mar/mar 2000 (22.03.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NOISEMAKING DEVICE
• DISPOSITIF GENERATEUR DE BRUIT

(71, 72) **NAGASUE, Tomo** [JP/US]; 102 Serpentine Road, Demarest, NJ 07627 (US).

(74) **BONDELL, Jay, A.**; Schweitzer Cornman Gross & Bondell LLP, 292 Madison Avenue, 19th Floor, New York, NY 10017 (US).

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

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

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(51)[7] **A63H 23/00**

(11) **WO 01/70363** (13) A1

(21) PCT/US01/08657

(22) **17 Mar/mar 2001 (17.03.2001)**

(25) en (26) en

(30) 09/527,149 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TOY SUBMARINE WITH COUNTER-ROTATING PROPELLERS
• JOUET SUBMERSIBLE A HELICES CONTRAROTATIVES

(71, 72) **WINEFORDNER, Carl** [US/US]; 21542 Ann's Lane, Laguna Beach, CA 92651 (US). **HERMANSEN, Frank** [DK/US]; 21542 Ann's Lane, Laguna Beach, CA 92651 (US).

(74) **TACHNER, Leonard**; 17961 Sky Park Circle, Suite 38-E, Irvine, CA 92614 (US).

(81) AE AU BG BR BY BZ CA CN CO CR CZ EE HU ID IL IN IS JP KP KR MX NO NZ PL RO RU SD SG SI SK UA US YU ZA ZW.

Declarations / Déclarations :
(u) for / pour US only / seulement; (u) for / pour US only / seulement

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(51)[7] **B01D 7/00, C07C 51/43, C07B 63/00, C07D 209/84, C07F 5/06, C07C 63/313, 211/54**

(11) **WO 01/70364** (13) A1

(21) PCT/JP01/02173

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ja (26) ja

(30) 2000-82195 **23 Mar/mar 2000** JP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SUBLIMATION PURIFYING METHOD AND APPARATUS
• PROCEDE DE PURIFICATION PAR SUBLIMATION ET APPAREIL ASSOCIE

(71) **NIPPON STEEL CHEMICAL CO., LTD.** [JP/JP]; 21-11, Nishi-gotanda 7-chome, Shinagawa-ku, Tokyo 141-0031 (JP). **OSAKA YUKA INDUSTRIES CO., LTD.** [JP/JP]; 27-33, Kasuganishimachi 2-chome, Hirakata-shi, Osaka 573-0136 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SOEDA, Mahito** [JP/JP]; c/o Research & Development Laboratories, Nippon Steel Chemical Co., Ltd., 46-80, Sakinohama, Oaza Nakabaru, Tobata-ku, Kitakyushu-shi, Fukuoka 804-8503 (JP). **HOTTA, Shuhei** [JP/JP]; c/o Osaka Yuka Industries Co., Ltd., 27-33, Kasuganishimachi 2-chome, Hirakata-shi, Osaka 573-0136 (JP). **ISHII, Kazuo** [JP/JP]; c/o Research & Development Laboratories, Nippon Steel Chemical Co., Ltd., 46-80, Sakinohama, Oaza Nakabaru, Tobata-ku, Kitakyushu-shi, Fukuoka 804-8503 (JP).

(74) **NARUSE, Katsuo** et al. / etc.; 5th Floor, Central Shinbashi Bldg., 11-5, Nishi-shinbashi 2-chome, Minato-ku, Tokyo 105-0003 (JP).

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

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

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(51)[7] **B01D 15/00, 15/02, 53/02, 53/12, B01J 20/32**

(11) **WO 01/70365** (13) A1

(21) PCT/EP01/03129

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) de (26) de

(30) 10013670.2 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR SEPARATING COMPONENTS FROM LIQUID AND GASEOUS MEDIA WITH NANOCOMPOSITES
• PROCEDE PERMETTANT DE SEPARER DES CONSTITUANTS DE MILIEUX LIQUIDES ET AQUEUX A L'AIDE DE NANOCOMPOSITES

(71) **INSTITUT FÜR NEUE MATERIALIEN GEM. GMBH** [DE/DE]; Im Stadtwald, Gebäude 43, 66123 Saarbrücken (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHIESTEL, Thomas** [DE/DE]; Darwinstr. 8b, 70565 Stuttgart (DE). **MÜLLER, Thomas** [DE/DE]; Mecklenburger Weg 5, 66540 Neunkirchen/Saar (DE). **SCHIRRA, Hermann** [DE/DE]; St. Johannerstr. 41 - 43, 66111 Saarbrücken (DE). **SCHMIDT, Helmut** [DE/DE]; Im Königsfeld 29, 66130 Saarbrücken-Güdingen (DE).

(74) **BARZ, Peter**; Kaiserplatz 2, 80803 München (DE).

(81) JP US.

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

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(51)[7] **B01D 19/00, 61/00, 63/06**

(11) **WO 01/70366** (13) A1

(21) PCT/JP01/02295

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) ja (26) ja

(30) 2000-79387 **22 Mar/mar 2000** JP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEAERATOR AND DEAERATING METHOD
• DÉGAZEUR ET PROCÉDÉ DE DÉGAZAGE

(71) **L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE** [FR/FR]; 75, Quai d'Orsay, F-75321 Paris Cedex 07 (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAKAMOTO, Naoyuki** [JP/JP]; c/o Harima Technical Center of AIR LIQUIDE Japan, Ltd., 16, Niijima, Harima-cho, Kako-gun, Hyogo 657-0155 (JP). **NAKAGAWA, Toshiyuki** [JP/JP]; c/o Harima Technical Center of AIR LIQUIDE Japan, Ltd., 16, Niijima, Harima-cho, Kako-gun, Hyogo 657-0155 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

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(51)[7] **B01D 19/00, C08F 6/00**

(11) **WO 01/70367** (13) A2

(21) PCT/US01/40334

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/190,990 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • POLYMER SOLUTION PREHEATER AND METHOD FOR PREHEATING SUCH SOLUTIONS
• PRECHAUFFEUR POUR SOLUTIONS POLYMERES ET TECHNIQUE DE PRECHAUFFAGE CORRESPONDANTE

(71) **KOCH-GLITSCH, INC.** [US/US]; 4111 East 37th Street North, Wichita, KS 67220 (US).

(72) **STREIFF, Felix, A.**; Oberis Guettil, CH-8457 Humlikon (CH). **WEPENER, Angelia, M.**; 8724 E. Grand, Wichita, KS 67207 (US).

(74) **MARSH, James, H., Jr.** et al. / etc.; Shook, Hardy & Bacon L.L.P., One Kansas City Place, 1200 Main Street, Kansas City, MO 64105-2118 (US).

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

HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

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(51)[7] **B01D 21/26, B04C 5/26, 3/04**

(11) **WO 01/70368** (13) A1

(21) PCT/AU01/00316

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) PQ 6386 **22 Mar/mar 2000** AU **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • APPARATUS FOR MIXING
• APPAREIL DE MELANGE

(71) **GEO2 LIMITED** [AU/AU]; Level 2, 155 Queen Street, Melbourne, Victoria 3000 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RESTARICK, Clifford, John** [AU/AU]; 208 Kooyong Road, Caulfield North, Victoria 3161 (AU).

(74) **PHILLIPS ORMONDE & FITZPATRICK**; 367 Collins Street, Melbourne, Victoria 3000 (AU).

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

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

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(51)[7] **B01D 29/11, 29/64, 29/90, 36/04, 35/147, 35/153, 35/157, 35/26, 36/00**

(11) **WO 01/70369** (13) A1

(21) PCT/GB01/01169

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 0006624.1 **20 Mar/mar 2000** GB **(20.03.2000)**

(30) 0009841.8 **20 Apr/avr 2000** GB **(20.04.2000)**

(30) 0013405.6 **2 Jun/juin 2000** GB **(02.06.2000)**

(30) 0016231.3 **3 Jul/juil 2000** GB **(03.07.2000)**

(30) 0030852.8 **19 Dec/déc 2000** GB **(19.12.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A FILTER FOR FILTERING WATER FOR A PUMP FOR AN AQUARIUM OR A POND
• FILTRE DE POMPE A EAU POUR AQUARIUM OU BASSIN

(71) **J.H. FREEMAN LTD.** [GB/GB]; Wyncot Cottage, Scarborough Drive, Minster, Sheerness, Kent ME12 2LX (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FREEMAN, James, Henry** [GB/GB]; Wyncot Cottage, Scarborough Drive, Minster, Sheerness, Kent ME12 2LX (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 BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

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(51)[7] **B01D 29/44, 21/00, 29/15**

(11) **WO 01/70370** (13) A1

(21) PCT/CA01/00385

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 2,301,992 **23 Mar/mar 2000** CA **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FILTER DEVICE WITH LAMELLAR STRUCTURE FOR FILTERING LIQUIDS
• DISPOSITIF DE FILTRAGE A STRUCTURES LAMELLAIRES SERVANT A FILTRER DES LIQUIDES

(71) **PREMIER TECH 2000 LTEE** [CA/CA]; 1 Avenue Premier, C.P. 3500, Rivière-du-Loup, Québec G5R 4C9 (CA).

(72) **LACASSE, Roger**; 133 Côte de la mer, Notre-Dame-du-Portage, Québec G0L 1Y0 (CA). **TALBOT, Pierre**; 900 de la Montagne, Notre-Dame-du-Portage, Québec G0L 1Y0 (CA). **OUELLET, Henri**; 86 St-Cyrille, Rivière-du-Loup, Québec G5R 2G5 (CA). **JUNEAU, Bernard**; 1132 Germain-Lecours, Ste-Foy, Québec G1X 4T9 (CA).

(74) **ROBIC**; 55 St-Jacques, Montréal, Québec H2Y 3X2 (CA).

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

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

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(51)[7] **B01D 39/14, 46/52**

(11) **WO 01/70371** (13) A1

(21) PCT/US01/06069

(22) **26 Feb/fév 2001 (26.02.2001)**

(25) en (26) en

(30) 00201064.3 **23 Mar/mar 2000** EP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF MAKING A GENERALLY CYLINDRICAL PLEATED FILTER ELEMENT
• PROCEDE DE FABRICATION D'UN ELEMENT DE FILTRATION PLISSE GENERALEMENT CYLINDRIQUE

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

(72) **BECK, Roland**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **BOND, William, J.** et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) JP KR.

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

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(51)[7] **B01D 39/20, A62B 17/00**

(11) **WO 01/70372** (13) A1

(21) PCT/FR01/00835

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) fr (26) fr

(30) 00/03638 **22 Mar/mar 2000** FR **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FILTERING COMPONENT IN THE FORM OF ACTIVATED CARBON FIBRES
• PIECE FILTRANTE EN FORME EN FIBRES DE CARBONE ACTIVE

(71) **MESSIER-BUGATTI** [FR/FR]; Zone Aeronautique Louis Breguet, F-78140 Velizy Villacoublay (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OUVRY, Ludovic** [FR/FR]; 12, rue Bellecordieres, F-69002 Lyon (FR).

(74) **JOLY, Jean-Jacques** et al. / etc.; Cabinet Beau de Loménie, 158, rue de l'Université, F-75340 Cedex 07 Paris (FR).

(81) CN JP KR RU UA US.

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

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(51)[7] **B01D 39/20, F01N 3/02**

(11) **WO 01/70373** (13) A1

(21) PCT/JP01/01955

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) ja (26) ja

(30) 2000-84359 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • EXHAUST GAS PURIFYING FILTER
• FILTRE DE PURIFICATION DE GAZ D'ECHAPPEMENT

(71) **NGK INSULATORS, LTD** [JP/JP]; 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HARADA, Takashi** [JP/JP]; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). **MIYAIRI, Yukio** [JP/JP]; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). **KUMAZAWA, Kazuhiko** [JP/BE]; c/o NGK CERAMICS EUROPE, S.A., Rue des Azalees 1, B-7331 Baudour (BE).

(74) **WATANABE, Kazuhira**; 3rd Fl. No.8 Kikuboshi Tower Building, 20-18, Asakusabashi 3-chome, Taito-ku, Tokyo 111-0053 (JP).

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

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

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(51)[7] **B01D 50/00, 45/12**

(11) **WO 01/70374** (13) A1

(21) PCT/US01/40217

(22) **1 Mar/mar 2001 (01.03.2001)**

(25) en (26) en

(30) 09/528,349 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INTAKE AIR CLEANING APPARATUS
• APPAREIL D'EPURATION D'AIR ENTRANT

(71) **AMERICAN FARM IMPLEMENT & SPECIALTY, INC.** [US/US]; 122 South River Street, P.O. Box 89, Janesville, WI 53545 (US).

(72) **DECKER, William, K.**; W9108 Ripley Road, Cambridge, WI 53523 (US).

(74) **ENGSTROM, Harry, C.** et al. / etc.; Foley & Lardner, 150 East Gilman Street, P.O. Box 1497, Madison, WI 53701-1497 (US).

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

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

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(51)[7] **B01D 53/22, 69/08**

(11) **WO 01/70375** (13) A1

(21) PCT/EP00/02588

(22) **23 Mar/mar 2000 (23.03.2000)**

(25) de (26) de

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TUBING UNIT
• ENSEMBLE DE TUYAUX

(71) **W.L. GORE & ASSOCIATES GMBH** [DE/DE]; Hermann-Oberth-Strasse 22, D-85640 Putzbrunn (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KILLER, Anton** [DE/DE]; Steinsbergerweg, D-83623 Dietramszell (DE). **BIER, Christian** [DE/DE]; Steinsbergerweg 1, D-83623 Dietramszell (DE).

(74) **HARRISON, Robert, J.**; Hermann-Oberth-Strasse 22, D-85640 Putzbrunn (DE).

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

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

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(51)[7] **B01D 53/22**

(11) **WO 01/70376** (13) A1

(21) PCT/US01/40364

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,891 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 09/812,499 **19 Mar/mar 2001** US **(19.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HYDROGEN-SELECTIVE METAL MEMBRANE MODULES AND METHOD OF FORMING THE SAME
• MODULES DE MEMBRANES METALLIQUES A SELECTIVITE POUR L'HYDROGENE ET PROCEDES DE FABRICATION

(71) **IDATECH, LLC** [US/US]; P.O. Box 5339, Bend, OR 97708-5339 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EDLUND, David, J.** [US/US]; 1698 Davenport, Bend, OR 97701 (US). **PLEDGER, William, A.** [US/US]; 69222 Harness, Sisters, OR 97759 (US). **STUDEBAKER, Todd** [US/US]; 3029 N.E. Charleston Court, Bend, OR 97701 (US).

(74) **D'ASCENZO, David, S.**; Kolisch, Hartwell, Dickinson, McCormack & Heuser, P.C., Suite 200, 520 S.W. Yamhill Street, Portland, OR 97204 (US).

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

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

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(51)[7] **B01D 53/50, C04B 11/26**

(11) **WO 01/70377** (13) A1

(21) PCT/DK00/00133

(22) **21 Mar/mar 2000 (21.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • USE, METHOD AND COMPOSITION OF ORGANIC ACIDS IN GYPSUM PRODUCING DESULPHURISING PLANTS
• COMPOSITION D'ACIDES ORGANIQUES, PROCEDES DE PREPARATION ET D'UTILISATION DE CETTE COMPOSITION DANS DES USINES DE DESULFURATION PRODUISANT DU GYPSE

(71) **ELSAMPROJEKT A/S** [DK/DK]; Kraftværksvej 53, DK-7000 Fredericia (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FOGH, Folmer** [DK/DK]; Puggårdsvej 30, Puggård, DK-6690 Gørding (DK).

(74) **BUDDE, SCHOU & OSTENFELD A/S**; Vester Søgade 10, DK-1601 København V (DK).

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

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

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(51)[7] **B01D 59/44, H01J 49/00**

(11) **WO 01/70378** (13) A1

(21) PCT/US01/08768

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/190,781 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CLUSTER SIZE MEASUREMENT INSTRUMENT AND METHOD FOR CLUSTER ION BEAM DIAGNOSTIC
• INSTRUMENT DE MESURE DE LA TAILLE DE NUAGES D'IONS ET PROCEDE DE DIAGNOSTIC DE FAISCEAU DE NUAGES D'IONS

(71) **EPION CORPORATION** [US/US]; Epion Corporation, 37 Manning Road, Billerica, MA 01821 (US).

(72) **TORTI, Richard, P.**; Epion Corporation, 37 Manning Road, Billerica, MA 01821 (US). **GWINN, Matthew, C.**; Epion Corporation, 37 Manning Road, Billerica, MA 01821 (US). **DYKSTRA, Jerald, P.**; Epion Corporation, 37 Manning Road, Billerica, MA 01821 (US).

(74) **COHEN, Jerry** et al. / etc.; Perkins, Smith & Cohen, LLP, 30th Floor, One Beacon Street, Boston, MA 02108 (US).

(81) JP.

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

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(51)[7] **B01D 63/06, 65/00, 53/22, C04B 37/02, 37/00**

(11) **WO 01/70379** (13) A1

(21) PCT/US01/08421

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,235 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 60/205,786 **19 May/mai 2000** US **(19.05.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FILTRATION ELEMENT FOR SEVERE SERVICE APPLICATIONS
• ELEMENT DE FILTRATION POUR APPLICATIONS A UTILISATION INTENSIVE

(71) **KOCH MEMBRANE SYSTEMS, INC.** [US/US]; 850 Main Street, Wilmington, MA 01887-3388 (US).

(72) **MUTSAKIS, Michael**; 235 84th Street, Brooklyn, NY 11209 (US). **PUGLIA, John, P.**; 64 Pierce Road, Townsend, MA 01469 (US). **FREEDLAND, Gerald, M.**; 53 Putnam Street, Beverly, MA 01915 (US). **EAGAR, Thomas, W.**; 138 Claflin Street, Belmont, MA 02478 (US). **LARSON, Harold, R.**; 61 Foster Road, Belmont, MA 02478 (US).

(74) **HURD, Michael, B.**; Shook, Hardy & Bacon L.L.P., One Kansas City Place, 1200 Main Street, Kansas City, MO 64105-2118 (US).

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

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

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(51)[7] **B01D 71/06, 69/02, G01N 15/08**

(11) **WO 01/70380** (13) A1

(21) PCT/JP01/02346

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-82177 **23 Mar/mar 2000** JP **(23.03.2000)**

(30) 2000-184973 **20 Jun/juin 2000** JP **(20.06.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LIPID MEMBRANE, METHOD FOR MEASURING MEMBRANE PERMEABILITY, AND METHOD FOR SCREENING
• MEMBRANE LIPIDIQUE, PROCEDE DE MESURE DE LA PERMEABILITE MEMBRANAIRE, ET PROCEDE DE CRIBLAGE

(71) **CHUGAI SEIYAKU KABUSHIKI KAISHA** [JP/JP]; 5-1, Ukima 5-chome, Kita-ku, Tokyo 115-8543 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUGANO, Kiyohiko** [JP/JP]; c/o Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1-chome, Gotenba-shi, Shizuoka 412-8513 (JP).

(74) **SHAMOTO, Ichio** et al. / etc.; YUASA AND HARA, Section 206, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).

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

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

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(51)[7] **B01F 3/00**

(11) **WO 01/70381** (13) A2

(21) PCT/US01/09163

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/191,297 **21 Mar/mar 2000** US **(21.03.2000)**

(30) 60/198,923 **21 Apr/avr 2000** US **(21.04.2000)**

(30) 60/243,838 **8 Nov/nov 2000** US **(08.11.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR ACOUSTICALLY CONTROLLING LIQUID SOLUTIONS IN MICROFLUIDIC DEVICES
• PROCEDE ET DISPOSITIF DE REGULATION ACOUSTIQUE DE SOLUTIONS LIQUIDES DANS DES DISPOSITIFS MICROFLUIDIQUES

(71) **COVARIS, INC.** [US/US]; 25 Olympia Avenue, Unit F, Woburn, MA 01801-6307 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAUGHARN, James, A., Jr.** [US/US]; 16 Robinson Park, Winchester, MA 01890 (US). **GARRISON, Brevard, S.** [US/US]; 11 Jadem Terrace, Reading, MA 01867 (US).

(74) **BASTIAN, Michael, J.**; Testa, Hurwitz & Thibeault, LLP, High Street Tower, 1225 High Street, Boston, MA 02110 (US).

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

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

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(51)[7] **B01F 3/12, B04C 5/04**

(11) **WO 01/70382** (13) A1

(21) PCT/AU00/00225

(22) **22 Mar/mar 2000 (22.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • APPARATUS FOR MIXING A SOLID AND A LIQUID
• APPAREIL DE MÉLANGE DE SOLIDES ET DE LIQUIDES

(71, 72) **AGGARWAL, Rakesh, Kumar** [AU/AU]; 144 Beach Street, Port Melbourne, VIC 3207 (AU).

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

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

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(51)[7] **B01F 9/10**

(11) **WO 01/70383** (13) A1

(21) PCT/SE01/00456

(22) **5 Mar/mar 2001 (05.03.2001)**

(25) sv (26) en

(30) 0000881-3 **17 Mar/mar 2000** SE **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR MIXING LIQUID IN A CONTAINER AND THE CONTAINER FOR CARRYING OUT THE METHOD
• PROCEDE DE MELANGEAGE DE LIQUIDE DANS UN RECIPIENT ET RECIPIENT POUR LA MISE EN OEUVRE DU PROCEDE

(71, 72) **FALLENIUS, Per-Ivar** [SE/SE]; Knektvägen 12, S-444 41 Stenungsund (SE).

(74) **CEGUMARK AB**; Box 53047, S-400 14 Göteborg (SE).

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

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

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(51)[7] **B01F 17/00, 17/52, A61K 7/00**

(11) **WO 01/70384** (13) A2

(21) PCT/EP01/03087

(22) **17 Mar/mar 2001 (17.03.2001)**

(25) de (26) de

(30) 100 13 765.2 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • USE OF PERFUMED ALCOHOL ALKOXYLATES AS SOLUBILIZING AUXILIARY AGENTS
• UTILISATION D'ALKOXYLATES D'ALCOOL DE SUBSTANCES ODORANTES EN TANT QU'AGENTS AUXILIAIRES DE SOLUBILISATION

(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, 40589 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GASSENMEIER, Thomas, Otto** [DE/DE]; Mannheimer Weg 16, 40229 Düsseldorf (DE). **ZANDER, Lars** [DE/DE]; Cäcilienstrasse 12, 40589 Düsseldorf (DE).

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

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

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(51)[7] **B01J 13/00**

(11) **WO 01/70385** (13) A2

(21) PCT/US01/07394

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) en (26) en

(30) 09/528,035 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR PRODUCING MICROCAPSULES HAVING IMPROVED WALL CHARACTERISTICS
• PROCEDE DE PRODUCTION DE MICROCAPSULES A CARACTERISTIQUES DE PAROIS AMELIOREES

(71) **CYCOLOR, INC.** [US/US]; 3385 Newmark Drive, Miamisburg, OH 45342 (US).

(72) **CAMILLUS, Joseph**; 2698 Wood Bluff Lane, Centerville, OH 45458 (US). **KATAMPE, Ibrahim**; 2265 Dody Circle, Kettering, OH 45440 (US).

(74) **LEVY, Mark, P.** et al. / etc.; Thompson Hine & Flory LLP, 2000 Courthouse Plaza N.E., P.O. Box 8801, Dayton, OH 45401-8801 (US).

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

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

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(51)[7] **B01J 19/00**

(11) **WO 01/70386** (13) A2

(21) PCT/DE01/01102

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) de (26) de

(30) 100 13 990.6 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • POLYFUNCTIONAL SUPPORT MATERIAL FOR COMPLEX NUCLEIC ACID ANALYSIS
• MATIERE DE SUPPORT POLYFONCTIONNELLE POUR L'ANALYSE COMPLEXE D'ACIDES NUCLEIQUES

(71) **INVITEK GMBH** [DE/DE]; Robert-Rössle-Strasse 10, 13125 Berlin (DE). **POLY-AN GESELLSCHAFT ZUR HERSTELLUNG VON POLYMEREN FÜR SPEZIELLE ANWENDUNGEN UND ANALYTIK MBH** [DE/DE]; Rudower Chaussee 30, 12489 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BENDZKO, Peter** [DE/DE]; Iffland-strasse 32, 12623 Berlin (DE). **SCHEDLER, Uwe** [DE/DE]; Torstrasse 12, 10119 Berlin (DE). **MATUSCHEWSKI, Heike** [DE/DE]; Galenusstrasse 6, 13187 Berlin (DE). **HILLEBRAND, Timo** [DE/DE]; Bansiner Strasse 60, 12619 Berlin (DE).

(74) **BAUMBACH, F.**; Robert-Rössle-Strasse 10, 13125 Berlin (DE).

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

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

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(51)[7] **B01J 19/00, C07C 6/02**

(11) **WO 01/70387** (13) A1

(21) PCT/EP01/02301

(22) **1 Mar/mar 2001 (01.03.2001)**

(25) de (26) de

(30) 100 14 297.4 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR CARRYING OUT A METATHESIS REACTION OF UNSATURATED ORGANIC COMPOUNDS
• PROCEDE POUR REALISER LA METATHESE DE COMPOSES ORGANIQUES INSATURES

(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) **WURZIGER, Hanns** [DE/DE]; Greinstrasse 7b, 64291 Darmstadt (DE). **PIEPER, Guido** [DE/DE]; Adlerstrasse 57, 68199 Mannheim (DE). **SCHWESINGER, Norbert** [DE/DE]; Sturmheide 10, 98693 Ilmenau (DE).

(74) **MERCK PATENT GMBH**; Frankfurter Strasse 250, 64293 Darmstadt (DE).

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

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

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(51)[7] **B01J 19/00**

(11) **WO 01/70388** (13) A2

(21) PCT/US01/07722

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 09/527,893 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR PRODUCING COMPACT MICROARRAYS
• PROCEDE ET DISPOSITIF DE FABRICATION DE JEUX ORDONNES DE MICRO-ECHANTILLONS

(71) **PACKARD BIOSCIENCE CORPORATION** [US/US]; 800 Research Drive, Meriden, CT 06450 (US).

(72) **SCHERMER, Mack, J.**; 284 Lake Street, Belmont, MA 02478 (US). **CANDILORO, Brian, C.**; 388 Crescent Street, Waltham, MA 02153 (US). **GLYNN, Paul, E.**; 109 Hollis Avenue, Braintree, MA 02184 (US).

(74) **VALLABH, Rajesh** et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (US).

(81) CA JP.

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

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(51)[7] **B01J 19/00**

(11) **WO 01/70389** (13) A2

(21) PCT/US01/08206

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 60/190,399 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CELL PATTERNING TECHNIQUE
• TECHNIQUE DE STRUCTURATION CELLULAIRE

(71) **PRESIDENT AND FELLOWS OF HARVARD COLLEGE** [US/US]; Holyoke Center, Suite 727, 1350 Massachusetts Avenue, Cambridge, MA 02138 (US).

(72) **OSTUNI, Emanuele**; 287 Harvard Street #29, Cambridge, MA 02139 (US). **KANE, Ravi**; 32 Cogswell Avenue #3, Cambridge, MA 02140 (US). **DUFFY, David, C.**; 18 Forest Street #4, Cambridge, MA 02140 (US). **JACKMAN, Rebecca, J.**; 38 Grove Street #2, Boston, MA 02114 (US). **WHITESIDES, George, M.**; 124 Grasmere Street, Newton, MA 02158 (US).

(74) **OYER, Timothy, J.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

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

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

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(51)[7] **B01J 20/00, C02F 1/42, C01F 5/00**

(11) **WO 01/70390** (13) A1

(21) PCT/IL01/00264

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,083 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 60/190,084 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PRODUCTION OF MAGNESIUM SUPERMAG COMPLEXES
• PRODUCTION DE COMPLEXES SUPERMAG DE MAGNESIUM

(71) **DARICOM LTD., NATURAL HEALTH PRODUCTS** [IL/IL]; Shoham Street 14, 42100 Netanya (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERMAN, Daniel** [IL/IL]; Rabi Friedman Street 49, 62303 Tel Aviv (IL).

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

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

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

Published / Publiée : *(c)*

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(51)[7] **B01J 20/28, 20/20, 47/00, 47/12, B01D 53/04**

(11) **WO 01/70391** (13) A1

(21) PCT/EP01/02665

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) de (26) de

(30) 100 13 949.3 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ADSORBENT FILTER MATERIAL
• MATERIAU FILTRE ADSORBANT

(71) **MHB FILTRATION GMBH + CO. KG** [DE/DE]; Mettmanner Strasse 25, 40699 Erkrath (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HEINRICH, Peter** [DE/DE]; Heckenstrasse 41, 47058 Duisburg (DE). **KAMES, Jost** [DE/DE]; Zwengenbergerstrasse 18, 42781 Haan (DE). **HEUBERGER, Gerhard** [DE/DE]; Am Ginsterberg 29 A, 40627 Düsseldorf (DE). **HEILMANN, Tanja** [DE/DE]; Zwirnerweg 19, 42781 Haan (DE).

(74) **VOTH, Gerhard**; Filterwerk Mann+Hummel GmbH, 71631 Ludwigsburg (DE).

(81) JP KR US.

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

Published / Publiée : *(c)*

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(51)[7] **B01J 21/18, H01M 8/00, 4/36, 4/88, C01D 1/00, 15/02**

(11) **WO 01/70392** (13) A1

(21) PCT/US01/09367

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/532,917 **22 Mar/mar 2000** US **(22.03.2000)**

(30) 09/589,710 **8 Jun/juin 2000** US **(08.06.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ELECTROCATALYST POWDERS, METHODS FOR PRODUCING POWDERS AND DEVICES FABRICATED FROM SAME
• POUDRES ELECTROCATALYTIQUES, PROCEDES DE PREPARATION ASSOCIES ET DISPOSITIFS FABRIQUES A PARTIR DE CES POUDRES

(71) **SUPERIOR MICROPOWDERS LLC** [US/US]; 3740 Hawkins NE, Albuquerque, NM 87109 (US).

(72) **HAMPDEN-SMITH, Mark, J.**; 2901 Maximillian NW, Albuquerque, NM 87104 (US). **KODAS, Toivo, T.**; 11102 San Rafeal Dr. NE, Albuquerque, NM 87122 (US). **ANTANASSOV, Plamen**; 8309 Tierra Serna Pl. NE, Albuquerque, NM 87123 (US). **KUNZE, Klaus**; 800 Oro Real Drive NE, Albuquerque, NM 87122 (US). **NAPOLITANO, Paul**; 5204 Wyoming Blvd. NE, Albuquerque, NM 87111 (US). **BHATIA, Rimple**; 7204 Chickadee Lane NE, Albuquerque, NM 87109 (US). **DERICOTTE, David**; 5927 Quemado Dr. NE, Albuquerque, NM 87109 (US). **ATANASSOVA, Paolina**; 8309 Tierra Serena Pl. NE, Albuquerque, NM 87122 (US).

(74) **DOCKERY, David, F.**; Marsh Fischmann & Breyfogle LLP, 3151 S. Vaughn Way, Suite 411, Aurora, CO 80014 (US).

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

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

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(51)[7] **B01J 23/745, 23/80, 20/02, 20/06, C10G 45/02, 45/04, 29/06, 29/08**

(11) **WO 01/70393** (13) A1

(21) PCT/US01/07300

(22) **6 Mar/mar 2001 (06.03.2001)**

(25) en (26) en

(30) 09/531,815 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DESULFURIZATION AND NOVEL SORBENTS FOR SAME
• DESULFURATION ET PRODUITS ABSORBANTS ASSOCIES

(63) US 09/531,815 (CON) 21 Mar/mar 2000 (21.03.2000)

(71) **PHILLIPS PETROLEUM COMPANY** [US/US]; 4th and Keller, Bartlesville, OK 74004 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KHARE, Gyanesh, P.** [US/US]; 2657 Williamsburg, Bartlesville, OK 74006 (US).

(74) **RICHARDS, John**; Ladas & Parry, 26 West 61st Sreet, New York, NY 10023 (US).

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

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

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(51)[7] **B01J 23/78, 23/83, 23/89, 21/04, 35/04, C07C 1/04, C10G 2/00**

(11) **WO 01/70394** (13) A2

(21) PCT/US01/08155

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 09/528,163 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HIGHLY ACTIVE FISCHER-TROPSCH SYNTHESIS USING DOPED, THERMALLY STABLE CATALYST SUPPORT
• SYNTHESE DE FISCHER-TROPSCH HAUTEMENT ACTIVE UTILISANT UN SUPPORT CATALYTIQUE DOPE THERMIQUEMENT STABLE

(71) **ENERGY INTERNATIONAL CORPORATION** [US/US]; 135 William Pitt Way, Pittsburgh, PA 15238 (US).

(72) **SINGLETON, Alan, H.**; 1265 Woodland Road, Baden, PA 15005 (US). **OUKACI, Rachid**; 1321 Woodhill Drive, Gibsonia, PA 15044 (US).

(74) **WEEKS, R., Alan**; Fellers, Snider, Blankenship, Bailey & Tippens, P.C., Suite 800, 321 S. Boston Avenue, Tulsa, OK 74103-3318 (US).

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

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

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(51)[7] **B01J 31/22, 31/18, 31/14, C08F 10/00, 4/54, C07F 5/06, C07D 213/06**

(11) **WO 01/70395** (13) A2

(21) PCT/GB01/01280

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 0007002.9 **22 Mar/mar 2000** GB **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CATALYSTS
• CATALYSEURS

(71) **BOREALIS TECHNOLOGY OY** [FI/FI]; P.O. Box 330, FIN-06101 Porvoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANDELL, Ove** [SE/FI]; Merikorttitie 13 as. 407, FIN-00960 Helsinki (FI). **MAARANEN, Janne** [FI/FI]; Heisitie 1 B, FIN-04260 Kerava (FI). **KETOLA, Lasse** [FI/FI]; Lahdepolku 3-4, D 36, FIN-06100 Porvoo (FI).

(74) **CAMPBELL, Neil** et al. / etc.; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

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

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

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(51)[7] **B01J 35/00**

(11) **WO 01/70396** (13) A2

(21) PCT/US01/09051

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/533,419 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PHOTOLYTIC AND PHOTOCATALYTIC REACTION ENHANCEMENT DEVICE
• DISPOSITIF PERMETTANT D'AMELIORER LES REACTIONS PHOTOCATALYTIQUES ET PHOTOLYTIQUES

(71, 72) **SPEER, Samuel, E.** [US/US]; 63 War Trophy Lane, Media, PA 19063 (US).

(74) **MASSINGER, Douglas, Wm.**; Massinger Law Office, 113 North Olive Street, Media, PA 19063 (US).

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

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

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(51)[7] **B01L**

(11) **WO 01/70397** (13) A2

(21) PCT/US01/08660

(22) **17 Mar/mar 2001 (17.03.2001)**

(25) en (26) en

(30) 60/190,277 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 60/197,323 **14 Apr/avr 2000** US **(14.04.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MICROFLUIDIC DEVICE AND SYSTEM WITH IMPROVED SAMPLE HANDLING
• DISPOSITIF MICROFLUIDIQUE ET SYSTEME A MANIPULATION D'ECHANTILLONS AMELIOREE

(71) **ACLARA BIOSCIENCES INC.** [US/US]; 1288 Pear Avenue, Mountain View, CA 94043 (US).

(72) **RICCO, Antonio, J.**; 101 Bacigalupi Drive, Los Gatos, CA 95032 (US). **BOONE, Travis, D.**; 765 San Antonio Road, Palo Alto, CA 94303 (US).

(74) **DEHLINGER, Peter, J.** et al. / etc.; Iota Pi Law Group, P.O. Box 60850, Palo Alto, CA 94306-0850 (US).

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

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

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(51)[7] **B01L 1/04, B25J 21/02, F24F 3/16**

(11) **WO 01/70398** (13) A1

(21) PCT/GB01/01146

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 0006820.5 **21 Mar/mar 2000** GB **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CABINETS FOR HANDLING TOXIC OR STERILE MATERIALS
• ENCEINTES DE MANIPULATION DE MATERIAUX TOXIQUES OU STERILES

(71) **BIOQUELL UK LIMITED** [GB/GB]; Walworth Road, Andover, Hampshire SP10 5AA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DRINKWATER, James, Lindsay** [GB/GB]; Hollytree Cottage, Hollytree Lane, Cuddingston, Aylesbury, Buckinghamshire HP18 0BA (GB).

(74) **BOULT WADE TENNANT**; Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).

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

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

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(51)[7] **B01L 3/00 // G01N 33/53, C12Q 1/68, B01J 19/00, G01N 21/64, C03C 27/06**

(11) **WO 01/70399** (13) A1

(21) PCT/EP01/03210

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) de (26) de

(30) 100 14 204.4 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MICROHYBRIDISATION CHAMBER

- CHAMBRE DE MICROHYBRIDATION

(71) **MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V.** [DE/DE]; Hofgartenstrasse 8, 80539 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TANDON, Neeraj** [DE/DE]; Krumme Strasse 45, 10627 Berlin (DE). **EICKHOFF, Holger** [DE/DE]; Hauptstrasse 73, 27211 Bassum (DE). **LEHRACH, Hans** [DE/DE]; Lützelsteiner Weg 50, 14195 Berlin (DE).

(74) **V. BEZOLD & SOZIEN**; Akademiestrasse 7, 80799 München (DE).

(81) CA JP US.

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

Published / Publiée : *(c)*

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(51)[7] **B01L 3/00 // B01J 19/00**

(11) **WO 01/70400** (13) A1

(21) PCT/FR01/00881

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) fr (26) fr

(30) 00/03680 **22 Mar/mar 2000** FR **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MULTIBLOCK MICRO-ARRAYS OR MACRO-ARRAYS WITH LAB-ON-A-CHIP
• MICRO-ARRAYS OU MACRO-ARRAYS MULTIBLOCS AVEC LABORATOIRES SUR PUCES INTEGRES

(71, 72) **GELI, François** [FR/FR]; 119, boulevard Yves Farge, F-69007 Lyon (FR).

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

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

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(51)[7] **B01L 3/00, 3/02, 9/00**

(11) **WO 01/70401** (13) A1

(21) PCT/US01/07344

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) en (26) en

(30) 09/527,545 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DOUBLE DENSITY PIPETTE TIP STORAGE RACK
• PLATEAU PORTE-PIPETTES A DENSITE DOUBLE

(71) **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).

(72) **LABRIOLA, Anthony, M.**; 96 Salem Street, Woburn, MA 01801 (US). **WALL, Joseph, C.**; 560 Belknap Road, Framingham, MA 01701 (US).

(74) **BEALL, Thomas, R.**; Corning Incorporated, SP TI 3 1, Corning, NY 14831 (US).

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

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

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(51)[7] **B01L 3/00**

(11) **WO 01/70402** (13) A2

(21) PCT/US01/09090

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/532,599 **22 Mar/mar 2000** US **(22.03.2000)**

(30) 09/658,017 **12 Sep/sep 2000** US **(12.09.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR PROCESSING SUBSTANCES IN A SINGLE CONTAINER
• PROCEDE ET APPAREIL DESTINES A TRAITER DES SUBSTANCES DANS UN CONTENEUR UNIQUE

(71) **DEWALCH TECHNOLOGIES, INC.** [US/US]; 6850 Wynnwood, Houston, TX 77008 (US).

(72) **DEWALCH, Binz**; 6850 Wynnwood, Houston, TX 77008 (US).

(74) **OHANIAN, Artoush, H.**; Arnold & Associates, 2603 Augusta, Suite 800, Houston, TX 77057 (US).

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

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

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(51)[7] **B01L 3/14 // C12Q 1/68, G01N 33/53**

(11) **WO 01/70403** (13) A1

(21) PCT/AT01/00066

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) de (26) de

(30) A 438/2000 **17 Mar/mar 2000** AT **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COLLECTION VESSEL FOR SEPARATING BIOLOGICAL FLUID CONSTITUENTS
• RECIPIENT POUR SEPARER LES CONSTITUANTS BIOLOGIQUES D'UN LIQUIDE

(71) **GREINER BIO-ONE GMBH** [AT/AT]; Bad Haller Strasse 32, A-4550 Kremsmünster (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KONRAD, Franz** [AT/AT]; Sonnenweg 6, A-4690 Schwanenstadt (AT).

(74) **SECKLEHNER, Günter**; Pyhrnstrasse 1, A-8940 Liezen (AT).

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

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

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(51)[7] **B01L 3/14, G06K 1/12**

(11) **WO 01/70404** (13) A1

(21) PCT/AT01/00067

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) de (26) de

(30) A 449/2000 **20 Mar/mar 2000** AT **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR INDIVIDUALISING OBJECTS
• PROCEDE DESTINE A INDIVIDUALISER DES OBJETS

(71) **MEDISCAN GMBH** [AT/AT]; Bad Haller Strasse 30, A-4550 Kremsmünster (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BIERBAUMER, Hans-Peter** [AT/AT]; Achleiten 67, A-4532 Rohr/Kremstal (AT).

(74) **SECKLEHNER, Günter**; Pyhrnstrasse 1, A-8940 Liezen (AT).

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

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

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

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(51)[7] **B02C 1/08, 13/00, 7/00, 7/14**

(11) **WO 01/70405** (13) A1

(21) PCT/US01/02298

(22) **24 Jan/jan 2001 (24.01.2001)**

(25) en (26) en

(30) 09/532,469 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR FORMING FOOD CLUSTERS
• PROCEDE ET APPAREIL DE FORMATION D'AGREGATS A PARTIR D'UN PRODUIT ALIMENTAIRE

(71) **RECOT, INC.** [US/US]; 5000 Hopyard Road, Suite 460, Pleasanton, CA 94588 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KELLY, Joseph, William** [US/US]; 3349 Burning Log Drive, Grapevine, TX 76051 (US). **KINER, Debra, Anne** [US/US]; 2545 Indian Paint Drive, Plano, TX 75025 (US). **SWARVAR, Larry, Carl** [US/US]; 10118 Cherry Tree Drive, Dallas, TX 75243 (US).

(74) **CAHOON, Colin, P.**; Carstens Yee & Cahoon, L.L.P., P.O. Box 802334, Dallas, TX 75380 (US).

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

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

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(51)[7] **B02C 13/31**

(11) **WO 01/70406** (13) A2

(21) PCT/US01/08811

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/190,403 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MOBILE PAPER SHREDDER SYSTEM
• SYSTEME DE DECHIQUETEUSE A PAPIER MOBILE

(71, 72) **RAJEWSKI, Max, Ronald** [US/US]; 6654 Elijah Road, Wellpinit, WA 99040 (US).

(74) **BLAKELY, Todd, P.** et al. / etc.; Sheridan Ross P.C., Suite 1200, 1560 Brodway, Denver, CO 80202-5141 (US).

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

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

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(51)[7] **B02C 19/00, 19/18, B09B 5/00, E03C 1/122, E03F 5/14, C02F 1/36**

(11) **WO 01/70407** (13) A1

(21) PCT/JP01/02206

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-81043 **22 Mar/mar 2000** JP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HEATED ULTRASONIC TREATING DEVICE AND TREATING METHOD FOR SUSPENDED MATTER-CONTAINING LIQUID
• DISPOSITIF DE TRAITEMENT A ULTRASONS CHAUFFE ET PROCEDE DE TRAITEMENT DE LIQUIDE CONTENANT DES MATIERES EN SUSPENSION

(71) **SANYO ELECTRIC CO.,LTD.** [JP/JP]; 5-5, Keihan-Hondori 2-chome, Moriguchi City, Osaka 570-8677 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **YAMADA, Atsushi** [JP/JP]; c/o SANYO ELECTRIC CO., LTD., 5-5, Keihan-Hondori 2-chome, Moriguchi City, Osaka 570-8677 (JP).

(74) **YOSHIDA, Kenji** et al. / etc.; 34-12, Kichijoji-honcho 1-chome, Musashino-shi, Tokyo 180-0004 (JP).

(81) US.

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

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(51)[7] **B02C 19/14, 19/00**

(11) **WO 01/70408** (13) A1

(21) PCT/GB01/01216

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 0006976.5 **22 Mar/mar 2000** GB **(22.03.2000)**

(30) 0029213.6 **29 Nov/nov 2000** GB **(29.11.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • APPARATUS FOR CRUSHING GLASS OR CERAMIC MATERIAL
• MACHINE A BROYER DU VERRE OU DE LA CERAMIQUE

(71) **GLOBAL ENECO LIMITED** [GB/GB]; 96 Woolston Road, Butlocks Heath, Southampton SO31 5FJ (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WHETTINGSTEEL, Stephen** [GB/GB]; 96 Woolston Road, Butlocks Heath, Southampton SO31 5FJ (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

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(51)[7] **B03B 1/04, B03D 3/06, C08J 3/03, C04B 33/04, C09C 1/42**

(11) **WO 01/70409** (13) A1

(21) PCT/US01/09150

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/532,728 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PSEUDOPHASIC EXTRACTION METHOD FOR THE SEPARATION OF ULTRA-FINE MINERALS
• PROCEDE D'EXTRACTION EN PSEUDO PHASE SERVANT A LA SEPARATION DE MINERAUX ULTRA-FINS

(71) **THE UNIVERSITY OF CHICAGO** [US/US]; 5640 South Ellis Avenue, Suite 405, Chicago, IL 60637 (US).

(72) **CHAIKO, David, J.**; 1503 Conan Doyle Road, Naperville, IL 60564 (US).

(74) **RECHTIN, Michael, D.** et al. / etc.; Foley & Lardner, 330 North Wabash Avenue, Suite 3300, Chicago, IL 60611 (US).

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

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

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(51)[7] **B05B 1/00, 3/02, 7/14, 7/28, B05C 17/00, A01C 11/00**

(11) **WO 01/70410** (13) A1

(21) PCT/AU01/00276

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) PQ 6305 **17 Mar/mar 2000** AU **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • APPARATUS AND METHOD FOR APPLYING LIQUID DROPLETS TO A PARTICULATE MATERIAL

- APPAREIL PERMETTANT D'APPLIQUER DES GOUTTELETTES LIQUIDES SUR DES MATIERES PARTICULAIRES ET PROCEDE CORRESPONDANT

(71) **JKJ & EM MAHON PTY LTD** [AU/AU]; "Hillview" Oura, Via Wagga Wagga, New South Wales 2650 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAHON, John, Kevin, James** [AU/AU]; "Hillview" Oura, Via Wagga Wagga, New South Wales 2650 (AU).

(74) **COWLE, Anthony, John** et al. / etc.; Davies Collison Cave, Level 10, 10 Barrack Street, Sydney, New South Wales 2000 (AU).

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

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

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(51)[7] **B05B 11/00**

(11) **WO 01/70411** (13) A1

(21) PCT/FR01/00436

(22) **14 Feb/fév 2001 (14.02.2001)**

(25) fr (26) fr

(30) 00/03532 **20 Mar/mar 2000** FR **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- FLUID DISPENSING MEMBER WITH OFFSET DELIVERY CHANNEL
- ORGANE DE DISTRIBUTION DE PRODUIT FLUIDE A CANAL DE REFOULEMENT DESAXE

(71) **VALOIS S.A.** [FR/FR]; Boîte postale G, Le Prieuré, F-27110 Le Neubourg (FR).

(72) **GARCIA, Firmin**; 37 bis, avenue Aristide Briand, F-27000 Evreux (FR). **BERANGER, Stéphane**; 66, rue des Pépinières, F-27110 Le Neubourg (FR).

(74) **CAPRI SARL**; 94, avenue Mozart, F-75016 Paris (FR).

(81) BR CN JP.

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

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(51)[7] **B05B 11/00**

(11) **WO 01/70412** (13) A1

(21) PCT/FR01/00437

(22) **14 Feb/fév 2001 (14.02.2001)**

(25) fr (26) fr

(30) 00/03533 **20 Mar/mar 2000** FR **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- DISPENSING MEMBER WITH OUTLET VALVE FORMED BY A DIFFERENTIAL PISTON
- ORGANE DE DISTRIBUTION A CLAPET DE SORTIE FORME PAR UN PISTON DIFFERENTIEL

(71) **VALOIS S.A.** [FR/FR]; Boîte postale G, Le Prieuré, F-27110 Le Neubourg (FR).

(72) **GARCIA, Firmin**; 37 bis, avenue Aristide Briand, F-27000 Evreux (FR). **BERANGER, Stéphane**; 66, rue des Pépinières, F-27110 Le Neubourg (FR).

(74) **CAPRI SARL**; 94, avenue Mozart, F-75016 Paris (FR).

(81) BR CN JP.

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

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(51)[7] **B05B 11/00**

(11) **WO 01/70413** (13) A1

(21) PCT/FR01/00438

(22) **14 Feb/fév 2001 (14.02.2001)**

(25) fr (26) fr

(30) 00/03534 **20 Mar/mar 2000** FR **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- PUSH-BUTTON FOR FLUID PRODUCT DISPENSING MEMBER AN DISPENSING MEMBER COMPRISING SAME
- POUSSOIR D'ORGANE DE DISTRIBUTION DE PRODUIT FLUIDE ET ORGANE DE DISTRIBUTION COMPORTANT UN TEL POUSSOIR

(71) **VALOIS S.A.** [FR/FR]; B.P. G, Le Prieuré, F-27110 Le Neubourg (FR).

(72) **GARCIA, Firmin**; 37 bis, avenue Aristide Briand, F-27000 Evreux (FR). **BERANGER, Stéphane**; 66, rue des Pépinières, F-27110 Le Neubourg (FR).

(74) **CAPRI SARL**; 94, avenue Mozart, F-75016 Paris (FR).

(81) BR CN JP.

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

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(51)[7] **B05B 11/00**

(11) **WO 01/70414** (13) A1

(21) PCT/GB01/01241

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0006856.9 **21 Mar/mar 2000** GB **(21.03.2000)**

(30) 0023940.0 **29 Sep/sep 2000** GB **(29.09.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- DISPENSING SYSTEMS
- SYSTEMES DE DISTRIBUTION

(71) **RIEKE PACKAGING SYSTEMS LIMITED** [GB/GB]; 44 Scudamore Road, Leicester, Leicestershire LE3 1UG (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SMITH, Richard** [GB/GB]; 45 Mays Farm Drive, Stoney Stanton, Leicestershire LE9 4HA (GB). **SPENCER, Jeffrey, William** [GB/GB]; 5 Harene Crescent, Kirby Muxloe, Leicestershire LE3 3HS (GB).

(74) **STONER, G., Patrick** et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, London, Greater London WC2B 6HP (GB).

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

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

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(51)[7] **B05C 3/12, 11/02, B29B 15/12**

(11) **WO 01/70415** (13) A1

(21) PCT/EP01/03102

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) de (26) de

(30) 00105823.9 **20 Mar/mar 2000** EP **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- DEVICE AND METHOD FOR APPLYING COATING MATERIAL
- PROCEDE ET DISPOSITIF D'APPLICATION DE MATIERE DE REVETEMENT

(71) **SOLIPAT AG** [CH/CH]; Chamerstrasse 79, CH-6300 Zug (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ULLI, Andreas** [CH/CH]; Dorfstrasse 22, CH-9305 Berg (CH).

(74) **WENGER, René** et al. / etc.; Hepp, Wenger & Ryffel AG, Friedtalweg 5, CH-9500 Wil (CH).

(81) CN JP KR US.

Published / Publiée : *(c)*

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(51)[7] **B05D**

(11) **WO 01/70416** (13) A2

(21) PCT/EP01/03072

(22) **17 Mar/mar 2001 (17.03.2001)**

(25) de (26) de

(30) 100 13 748.2 **20 Mar/mar 2000** DE **(20.03.2000)**

(30) 100 47 124.2 **22 Sep/sep 2000** DE **(22.09.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- SURFACE, METHOD FOR THE PRODUCTION THEREOF AND AN OBJECT PROVIDED WITH SAID SURFACE
- SURFACE, SON PROCEDE DE REALISATION AINSI QU'OBJET PRESENTANT LADITE SURFACE

(71) **INDUFLEX SONDERMASCHINENBAU** [US/US]; Mühlenberg 1, 27337 Blender (US). **FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [DE/DE]; Leonrodstrasse 54, 80636 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MORGAN, Robert** [DE/DE]; Mühlenberg 1, 27337 Blender (DE). **VOLLWEILER, Götz** [DE/DE]; Am Schwarzen Meer 74, 28205 Bremen (DE). **VISSING, Klaus** [DE/DE]; Alte Dorfstrasse 10, 27321 Morsum (DE).

(74) **GÖKEN, Klaus, G.**; Eisenführ, Speiser & Partner, Martinistrasse 24, 28195 Bremen (DE).

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

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

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(51)[7] **B05D**

(11) **WO 01/70417** (13) A2

(21) PCT/NL01/00245

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 1014747 **24 Mar/mar 2000** NL **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR APPLYING A MATERIAL BY MEANS OF ELECTRO HYDRO DYNAMIC JETTING
• PROCEDE ET APPAREIL D'APPLICATION DE MATERIAU AU MOYEN DE JET ELECTRO-HYDRODYNAMIQUE

(71) **ADVANCED NEW MATERIALS S.A** [LU/LU]; 8, boulevard Joseph II, L-1840 Luxembourg (LU).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **DE JAGER-SCHOUTEN, Adriana, Marijke** [NL/NL]; Haarlemmertrekvaartweg 33, NL-2343 JC Oegstgeest (NL).

(72, 75) **DE JAGER, Gui, Gérard** [NL/NL]; Haarlemmertrekvaartweg 33, NL-2343 JC Oegstgeest (NL).

(74) **'T JONG, Bastiaan, Jacobus**; Arnold and Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).

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

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

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(51)[7] **B05D 1/18, 1/30, 1/34, 1/36, B29C 47/00, 47/06, 47/30, 47/92, B32B 9/00**

(11) **WO 01/70418** (13) A1

(21) PCT/US01/09191

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/918,652 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR FORMING MULTILAYER RELEASE LINERS AND LINERS FORMED THEREBY
• PROCEDE DE FORMATION DE PELLICULES DETACHABLES MULTICOUCHES ET PELLICULES AINSI FORMEES

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

(72) **SU, Wen-Chen**; 2347 Eagle Drive, La Verne, CA 91750 (US). **SARTOR, Luigi**; 2876 Butter Creek Drive, Pasadena, CA 91107 (US). **TSAI, Kuolih**; 1841 Highland Oaks Drive, Arcadia, CA 91106 (US). **SHIH, Frank, Yen-Jer**; 911 Palo Alto Drive, Arcadia, CA 91007 (US). **MEYER, Daniel**; 1330 E. Foothill Blvd, #32, Glendora, CA 91741 (US). **HUFF, Stephen**; 16640 Timberview Ave., Chino Hills, CA 91709 (US). **POTJER, Bert**; Palestrinnalaan 30, NL-2253 HD Voorschoten (NL). **GUO, Hongjie**; 937 Kingsley Drive, Arcadia, CA 91107 (US). **VAN ZANTEN, Aad**; Kotter 8, NL-2401 MV Alphen aan den Rijn (NL). **KETTENIS, Arnooud, H.**; Morielje 22, NL-2403 HX Alphen aan den Rijn (NL). **KRAY, William**; 1485 West 18th Street, Upland, CA 91786 (US). **HULME, Adrian**; 8649 Johnny Cake Road, Mentor, OH 44060 (US). **JANSEN, Alexander**; Stadhoudersring 734, NL-2713 GX Zoetermeer (NL). **DORDICK, Robert**; 4928 Morse Ave., Sherman Oaks, CA 91423 (US).

(74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson and Bear, LLP, 620 Newport Center Drive, 16th Floor, Newport Beach, CA 92660 (US).

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

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

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(51)[7] **B05D 1/36**

(11) **WO 01/70419** (13) A1

(21) PCT/US01/07343

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) en (26) en

(30) 60/191,635 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 09/649,542 **28 Aug/août 2000** US **(28.08.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR FABRICATING SUPPORTED BILAYER-LIPID MEMBRANES
• PROCEDE FABRICATION DE MEMBRANES BICOUCHES SUR SUPPORTS

(71) **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).

(72) **BOOKBINDER, Dana, C.**; 2261 Davis Road, Corning, NY 14830 (US). **LAHIRI, Joydeep**; 53 Oakwood Drive, Painted Post, NY 14870 (US).

(74) **BEALL, Thomas, R.**; Corning Incorporated, SP TI 3 1, Corning, NY 14831 (US).

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

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

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(51)[7] **B08B 1/00, B32B 31/04**

(11) **WO 01/70420** (13) A1

(21) PCT/DE01/00859

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) de (26) de

(30) 100 13 626.5 **18 Mar/mar 2000** DE **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • USE OF AN ABSORBENT, THIN BODY WHICH IS AT LEAST PARTIALLY SATURATED WITH SOLVENT FOR CLEANING THE PARTS OF A FILM LAMINATOR THAT COME INTO CONTACT WITH A LAMINATE
• UTILISATION D'UN CORPS MINCE ABSORBANT, IMPREGNE AU MOINS PARTIELLEMENT DE SOLVANT, POUR LE NETTOYAGE DE COMPOSANTS D'UN LAMINATEUR DE FILMS VENANT EN CONTACT AVEC UN LAMINAT

(71, 72) **VON ROHRSCHEIDT, Friedrich** [DE/US]; 203 E. Saddle River Road, Saddle River, NJ 07458 (US).

(74) **WIEDEMANN, Markus**; Karolinenstrasse 21, 86150 Augsburg (DE).

(81) JP US.

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

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(51)[7] **B08B 9/04, F28G 1/12**

(11) **WO 01/70421** (13) A1

(21) PCT/EP01/02897

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) de (26) de

(30) 100 13 916.7 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR CLEANING CONDUITS FOR HOT-MELT-TYPE ADHESIVES BY MEANS OF AN APPURTENANT GO-DEVIL
• PROCEDE DE NETTOYAGE DE CONDUITES POUR COLLES FUSIBLES AVEC UN ECOUVILLON

(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse, 40191 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PETRY, Gerald** [DE/DE]; Hagbrucher Strasse 9 A, 41836 Hückelhoven (DE). **NIXON, Andrew** [GB/DE]; Azaleenweg 28, 40670 Meerbusch (DE). **MAGUNIA, Robert** [DE/DE]; Urnbergstrasse 5a, 74834 Elztal-Dallau (DE).

(81) BR CA JP US.

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

Published / Publiée : *(c)*

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(51)[7] **B08B 9/053, G01M 3/00, F16L 55/28**

(11) **WO 01/70422** (13) A1

(21) PCT/GB01/01130

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 0006758.7 **22 Mar/mar 2000** GB **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PIPELINE PIGGING DEVICE FOR THE NON-DESTRUCTIVE INSPECTION OF THE FLUID ENVIRONMENT IN A PIPELINE
• DISPOSITIF DE RACLAGE DE PIPELINE DESTINE A L'INSPECTION NON DESTRUCTRICE DE L'ENVIRONNEMENT FLUIDIQUE DANS UN PIPELINE

(71) **PSL TECHNOLOGY LIMITED** [GB/GB]; Badentoy Avenue, Portlethan, Aberdeen AB12 4YB (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YATES, Anthony** [GB/GB]; 25 Kiethhall Road, Inverurie, Aberdeen AB51 3UA (GB).

(74) **KENNEDYS**; Floor 5, Queens House, 29 St Vincent Place, Glasgow G1 2DT (GB).

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

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

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(51)[7] **B21B**

(11) **WO 01/70423** (13) A2

(21) PCT/HU00/00105

(22) **13 Oct/oct 2000 (13.10.2000)**

(25) en (26) en

(30) P 0001196 **21 Mar/mar 2000** HU **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • APPARATUS FOR ROLLING WORK-PIECES, PARTICULARLY METAL FOILS
• APPAREIL DE LAMINAGE DE PIECES A USINER, NOTAMMENT DES FEUILLES METALLIQUES

(71, 72) **PELCZ, Antal** [HU/HU]; Seregély u. 3, H-2040 Budaörs (HU).

(74) **DANUBIA PATENT & TRADEMARK ATTORNEYS LTD.**; Bajcsy-Zsilinszky út 16, POB 198, H-1368 Budapest 5 (HU).

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

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

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(51)[7] **B21D 3/14, 41/02**

(11) **WO 01/70424** (13) A2

(21) PCT/US01/08773

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/191,157 **22 Mar/mar 2000** US **(22.03.2000)**

(30) 09/715,326 **17 Nov/nov 2000** US **(17.11.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHODS AND APPARATUS FOR RETROFITTING COMPRESSIBLE FLANGES
• PROCEDES ET APPAREIL SERVANT AU RATTRAPAGE DE BRIDES COMPRESSIBLES

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **NICKELL, James, Terrell**; 3675 Mary Ann Drive, Lebanon, OH 45036 (US).

(74) **MITCHELL, James, W.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) BR JP.

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

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(51)[7] **B21D 7/022**

(11) **WO 01/70425** (13) A1

(21) PCT/FR01/00873

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) fr (26) fr

(30) 00/03706 **23 Mar/mar 2000** FR **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TUBE BENDING MACHINE
• MACHINE POUR LE CAMBRAGE DE TUBES

(71) **LATOUR ET FILS** [FR/FR]; Route de Sedan, F-08450 Haraucourt (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LATOUR, Yves** [FR/FR]; F-08450 Haraucourt (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

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(51)[7] **B21D 9/07, 7/024**

(11) **WO 01/70426** (13) A2

(21) PCT/EP01/03060

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) de (26) de

(30) 100 14 519.1 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • USE OF PIPES CONSISTING OF TITANIUM ZINC CONFORMING TO EN 988 AND A BENDING METHOD FOR PRODUCING PIPE BENDS
• UTILISATION DE TUBES EN ZINC-TITANE SELON EN 988 ET PROCEDE DE PLIAGE PERMETTANT DE PRODUIRE DES TUBES COUDES

(71) **RHEINZINK GMBH & CO. KG** [DE/DE]; Bahnhofstrasse 90, 45711 Datteln (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DYLLUS, Frank-Ulrich** [DE/DE]; Sternbusch 39, 59399 Olfen (DE). **BINKOWSKI, Martin** [DE/DE]; Ilandstrasse 13a, 45711 Datteln (DE). **KLUGSTEDT, Hans-Jürgen** [DE/DE]; Max-Planck-Strasse 34, 44625 Herne 2 (DE). **LACHENIT, Ulrich** [DE/DE]; Zum Krähenbusch 25, 59399 Olfen (DE). **SCHÖNNENBECK, Marianne** [DE/DE]; Hüttenstrasse 4a, 44795 Bochum (DE). **STRADMANN, Adolf** [DE/DE]; Dahlstrasse 47, 45711 Datteln (DE).

(74) **HOFFMEISTER, Helmut**; Goldstrasse 36, 48147 Münster (DE).

(81) AU BG BR CA CN CZ HU ID IL IN JP KR MX NO NZ PL RO RU US YU ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B21D 17/04**

(11) **WO 01/70427** (13) A1

(21) PCT/EP01/02595

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) de (26) de

(30) 100 13 801.2 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SHEET FORMING MACHINE
• MACHINE POUR LE FORMAGE DE TOLE

(71) **REINHARDT MASCHINENBAU GMBH** [DE/DE]; Richard-Wagner-Strasse 4-10, 71065 Sindelfingen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KUTSCHKER, Wolfgang** [DE/DE]; Zavelsteiner Strasse 24, 70034 Böblingen (DE). **JÄGER, Franz** [DE/DE]; Rosenstrasse 22, 71120 Grafenau (DE).

(74) **BECK, Jürgen** et al. / etc.; Hoeger, Stellrecht & Partner, Uhlandstrasse 14 c, 70182 Stuttgart (DE).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B21D 26/02**

(11) **WO 01/70428** (13) A1

(21) PCT/GB01/00918

(22) **2 Mar/mar 2001 (02.03.2001)**

(25) en (26) en

(30) 0006734.8 **20 Mar/mar 2000** GB **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SUPERPLASTIC FORMING METHOD
• PROCEDE DE FORMAGE SUPERPLASTIQUE

(71) **BAE SYSTEMS PLC** [GB/GB]; Warwick House, P O Box 87, Farnborough Aerospace Centre, Farnborough, Hampshire GU14 6YU (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STRICKLAND, George** [GB/GB]; 13 Methuen Avenue, Hoghton, Preston, Lancashire PR5 0JN (GB). **MARRIOTT, Adam, Benjamin** [GB/GB]; 27 Burns Avenue, Oswaldtwistle, Lancashire BB5 4RB (GB).

(74) **MACLEAN, Martin, David**; Bae Systems plc, Group IP Department, Farnborough Aerospace Centre, Lancaster House, P.O Box 87, Farnborough, Hampshire GU14 6YU (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B21D 51/26**

(11) **WO 01/70429** (13) A1

(21) PCT/US00/07439

(22) **21 Mar/mar 2000 (21.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • APPARATUS AND METHOD FOR SEAMING CONTAINERS
• APPAREIL ET PROCEDE DE SERTISSAGE DE CONTENANTS

(71) **EDGE DEVELOPMENT, LLC** [US/US]; 11836 Crescent Drive, Golden, CO 80403 (US).

(72) **WU, Samuel, C.**; 10205 W. Exposition Avenue, Lakewood, CO 80226 (US).

(74) **MARTIN, Timothy, J.** et al. / etc.; Suite 200, 9250 W. 5th Avenue, Lakewood, CO 80226 (US).

(81) AU BR CA CN JP MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **B22C 1/16, 9/08, C08J 9/32**

(11) **WO 01/70430** (13) A1

(21) PCT/US01/08295

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/531,360 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INSULATING SLEEVE COMPOSITIONS CONTAINING FINE SILICA AND THEIR USE
• COMPOSITIONS DE GAINE ISOLANTE CONTENANT DE LA SILICE FINE ET LEUR UTILISATION

(71) **ASHLAND INC.** [US/US]; P.O. Box 2219, Columbus, OH 43216 (US).

(72) **TWARDOWSKA, Helena**; 5948 Northcliff Boulevard, Dublin, OH 43016 (US). **AUFDERHEIDE, Ronald, C.**; 8188 Crossgate Court North, Dublin, OH 43016 (US).

(74) **HEDDEN, David, L.**; Ashland Inc., P.O. Box 2219, Columbus, OH 43216 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B22C 1/16, 9/08, C08J 9/32**

(11) **WO 01/70431** (13) A1

(21) PCT/US01/08296

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/532,682 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SLEEVE MIXES CONTAINING STABILIZED MICROSPHERES AND THEIR USE IN MAKING RISER SLEEVES
• MELANGES DE MANCHON CONTENANT DES MICROSPHERES STABILISEES ET UTILISATION DANS LA FABRICATION DE MANCHONS POUR MASSELOTTE

(71) **ASHLAND INC.** [US/US]; P.O. Box 2219, Columbus, OH 43216 (US).

(72) **TWARDOWSKA, Helena**; 5948 Northcliff Boulevard, Dublin, OH 43016 (US). **AUFDERHEIDE, Ronald, C.**; 8188 Crossgate Court North, Dublin, OH 43016 (US).

(74) **HEDDEN, David, L.**; Ashland Inc., P.O. Box 2219, Columbus, OH 43216 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B22C 11/10, 15/28**

(11) **WO 01/70432** (13) A1

(21) PCT/DK00/00130

(22) **20 Mar/mar 2000 (20.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR PRODUCING TWO-PART MOULDS
• PROCEDE ET APPAREIL DE FABRICATION DE MOULES EN DEUX PARTIES

(71) **GEORG FISCHER DISA A/S** [DK/DK]; Herlev Hovedgade 17, DK-2730 Herlev (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KNUDSEN, Søren, Erik** [DK/DK]; Bundsvej 53, DK-3500 Værløse (DK).

(74) **BUDDE, SCHOU & OSTENFELD A/S**; Vester Søgade 10, DK-1601 københavn V (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B22C 15/24, 15/23, 9/12**

(11) **WO 01/70433** (13) A1

(21) PCT/JP01/02149

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ja (26) ja

(30) 2000-77381 **21 Mar/mar 2000 (21.03.2000)** JP

(30) 2000-83083 **24 Mar/mar 2000 (24.03.2000)** JP

(30) 2000-144252 **17 May/mai 2000 (17.05.2000)** JP

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CASTING SAND BLOWING DEVICE FOR MOLDING MACHINES
• DISPOSITIF DE SOUFFLAGE DE SABLE DE MOULAGE, DESTINE A DES MACHINES DE MOULAGE

(71) **SINTOKOGIO, LTD.** [JP/JP]; 7-23, Meieki 4-chome, Nakamura-ku, Nagoya-shi, Aichi 450-0002 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAKOU, Koji** [JP/JP]; c/o Sintokogio, Ltd., Toyokawa Seisakusyo, 1, Honohara 3-chome, Toyokawa-shi, Aichi 442-0061 (JP). **SHIOSE, Fumikazu** [JP/JP]; c/o Sintokogio, Ltd., Toyokawa Seisakusyo, 1, Honohara 3-chome, Toyokawa-shi, Aichi 442-0061 (JP).

(74) **YAMASAKI, Yukuzo** et al. / etc.; Yamasaki Law and Patent Office, Sogo Nagatacho Bldg. 8F, 11-28, Nagatacho 1-chome, Chiyoda-ku, Tokyo 100-0014 (JP).

(81) CN US.

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(51)[7] **B22D 41/54**

(11) **WO 01/70434** (13) A1

(21) PCT/US01/06514

(22) **27 Feb/fév 2001 (27.02.2001)**

(25) en (26) en

(30) 09/528,295 **17 Mar/mar 2000 (17.03.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ANTI-BUILDUP LINER FOR REFRACTORY SHAPES
• GAINE CONDUCTRICE ANTI-ACCUMULATION POUR BLOCS REFRACTAIRES

(71) **VESUVIUS CRUCIBLE COMPANY** [US/US]; 103 Foulk Road, Suite 202, Wilmington, DE 19803 (US).

(72) **BENSON, Paul, Martin**; 215 Battery Drive North, McDonald, PA 15057 (US). **SANDERS, John, Prentiss**; 156 Lansdowne Drive, Moon, PA 15108 (US).

(74) **WILLIAMS, James, R.**; Vesuvius USA Corporation, 27 Noblestown Road, Carnegie, PA 15106 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B22F 1/02, 9/20, 9/24, 9/30, H05K 3/10, H01L 21/304**

(11) **WO 01/70435** (13) A1

(21) PCT/JP01/02210

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-80445 **22 Mar/mar 2000 (22.03.2000)** JP

(30) 2000-174331 **9 Jun/juin 2000 (09.06.2000)** JP

(30) 2000-305209 **4 Oct/oct 2000 (04.10.2000)** JP

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ULTRA FINE COMPOSITE METAL PARTICLES
• PARTICULES METALLIQUES COMPOSITES ULTRAFINES

(71) **EBARA CORPORATION** [JP/JP]; 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUKUNAGA, Akira** [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). **NAGASAWA, Hiroshi** [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). **KAGOSHIMA, Kaori** [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). **EMOTO, Makiko** [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP).

(74) **WATANABE, Isamu** et al. / etc.; GOWA Nishi-Shinjuku 4F, 5-8, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B22F 3/11, 7/00, A61L 27/04, 27/56**

(11) **WO 01/70436** (13) A1

(21) PCT/FR01/00827

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) fr (26) fr

(30) 00/03508 **20 Mar/mar 2000 (20.03.2000)** FR

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • POROUS INTERMETALLIC ALLOY
• ALLIAGE INTERMETALLIQUE POREUX

(71) **SOCIETE VICTHOM CORPORATION** [CA/CA]; Suite 33, 4913 Lionel-Groulx Street, Saint Augustin-de-Desmaures, PQ G3A 1V1 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DAUMAS, Marie-Thérèse** [FR/FR]; 5, rue des Villas Nodé, F-91400 Orsay (FR). **JOUIN, Jacques** [FR/FR]; 5, rue Guinon, F-78220 Viroflay (FR). **YAHIA, L'Hocine** [CA/CA]; 118 Grey Stone, Pointe Claire, Montreal, Québec H9R 5T5 (CA).

(74) **POULIN, Gérard**; Brevalex, 3, rue du Docteur Lancereaux, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B23B**

(11) **WO 01/70437** (13) A2

(21) PCT/IB01/00692

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,745 **20 Mar/mar 2000 (20.03.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SELF-CENTERING ACCESSORIES FOR AN INDUSTRIAL ENVIRONMENT
• ACCESSOIRES AUTO-CENTREURS POUR ENVIRONNEMENT INDUSTRIEL

(71) **COGNITENS, LTD.** [IL/IL]; 55 Haniviim Street, P.O. Box 1713, 47282 Ramat Hasharon (IL).

(72) **GURA, Ram**; 9 Manor Street, 74028 Nes Ziona (IL). **LASKER, Israel**; 7 Barqan Street, 44288 Kfar Saba (IL).

(81) CA JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B23B 3/00**

(11) **WO 01/70438** (13) A1

(21) PCT/US00/07711

(22) **20 Mar/mar 2000 (20.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEVICE FOR MONITORING AND CALIBRATING OXIDE CHARGE MEASUREMENT EQUIPMENT AND METHOD THEREFOR
• DISPOSITIF DESTINE A CONTROLER ET A CALIBRER UN EQUIPEMENT DE

MESURE DE CHARGE D'OXYDE ET PROCEDE CORRESPONDANT

(71, 72) **KOELSCH, Ronald** [US/US]; 981 East Higgins Lake Drive, Roscommon, MI 48653 (US). **KOELSCH, Robert** [US/US]; 10850 North 52nd Street, Scottsdale, AZ 85254 (US).

(74) **HARRY M. WEISS & ASSOCIATES, P.C.**; 4204 North Brown Avenue, Scottsdale, AZ 85251-3914 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B23B 31/30**

(11) **WO 01/70439** (13) A1

(21) PCT/IB01/00312

(22) **2 Mar/mar 2001 (02.03.2001)**

(25) de (26) de

(30) 00105927.8 **23 Mar/mar 2000** EP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ROTATION-INDEPENDENT ACTUATION OF A MACHINE ELEMENT
• ACTIONNEMENT INDEPENDANT DE LA ROTATION D'UNE PIECE DE MACHINE

(71) **FORKARDT SCHWEIZ AG** [CH/CH]; Industriestrasse 3, CH-8307 Effretikon (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOHLER, Erwin** [CH/CH]; Hauptstrasse 75, CH-9553 Bettwiesen (CH).

(74) **E. BLUM & CO.**; Vorderberg 11, CH-8044 Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B23D 31/00**

(11) **WO 01/70440** (13) A1

(21) PCT/EP01/02370

(22) **2 Mar/mar 2001 (02.03.2001)**

(25) de (26) de

(30) 100 13 980.9 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND DEVICE FOR FRACTURE-SPLITTING A MACHINE COMPONENT WITH BEARING EYE
• PROCEDE ET DISPOSITIF POUR DIVISER PAR RUPTURE UNE PIECE DE MACHINE COMPORTANT UN ORIFICE DE LOGEMENT POUR PALIER

(71) **MOTORENFABRIK HATZ GMBH & CO. KG** [DE/DE]; Ernst-Hatz-Strasse 16, 94099 Ruhstorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KNOLL, Günter** [AT/AT]; Nr. 79, A-4753 Wernstein (AT). **KALMAN, Andreas** [DE/DE]; Pestalozziring 1, 94060 Pocking (DE).

(74) **GRÄTTINGER, Günter** et al. / etc.; Grättinger & Partner (GbR), Postfach 16 55, 82306 Starnberg (DE).

(81) BR CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **B23D 53/00, 55/00, B27B 13/00**

(11) **WO 01/70441** (13) A1

(21) PCT/US01/08498

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 09/531,923 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COPING SAW
• SCIE A CHANTOURNER

(63) US 09/531,923 (CIP)
21 Mar/mar 2000 (21.03.2000)

(71, 72) **DEAN, Ethan** [US/US]; 9779 Fairway Drive, Pinckney, MI 48169 (US).

(74) **KANE, Barry, C.**; Miller, Johnson, Snell & Cummiskey, PLC, 800 Calder Plaza Building, 250 Monroe Avenue, N.W., Grand Rapids, MI 49503 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declaration / Déclaration :
(u) for / pour US only / seulement

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(51)[7] **B23K**

(11) **WO 01/70442** (13) A2

(21) PCT/DE01/00961

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) de (26) de

(30) 100 14 078.5 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR PRODUCING A WELDING PIN
• PROCEDE DE PRODUCTION D'UNE CHEVILLE DE SOUDAGE

(71) **NELSON BOLZENSCHWEISSTECHNIK GMBH & CO. KG** [DE/DE]; Flurstrasse 7-19, 58285 Gevelsberg (DE).

(72) **SICHTERMANN, Kay**; Am Semberg 1, 58313 Herdecke (DE). **JOST, Klaus, E.**; Flensburgstrasse 18, 58093 Hagen (DE).

(74) **EDER & SCHIESCHKE**; Elisabethstrasse 34, 80796 München (DE).

(81) CZ PL SI.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B23K 7/00**

(11) **WO 01/70443** (13) A1

(21) PCT/FR01/00772

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) fr (26) fr

(30) 00/03727 **23 Mar/mar 2000** FR **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HIGH SPEED OXYACETYLENE CUTTING OF A THICK STEEL PART AND DEVICE THEREFOR
• PROCEDE D'OXYCOUPAGE A GRANDE VITESSE D'UNE PIECE EPAISSE EN ACIER, ET DISPOSITIF DE MISE EN OEUVRE DUDIT PROCEDE

(71, 72) **PRIORETTI, Guy** [FR/FR]; 13, rue Alexandre Dreux, F-57100 Thionville (FR). **PRIORETTI, Véronique** [FR/FR]; 11, rue Alexandre Dreux, F-57100 Thionville (FR). **PRIORETTI-HACKING, Françoise** [FR/FR]; 13, rue Alexandre Dreux, F-57100 Thionville (FR). **PRIORETTI, Jean-Michel** [FR/FR]; 2, rue Pellerin, F-57100 Manom (FR).

(74) **JAUNEZ, Xavier** et al. / etc.; Cabinet Boettcher, 22, rue du Général Foy, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B23K 26/00, B29C 59/16**

(11) **WO 01/70444** (13) A1

(21) PCT/US01/40349

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/532,561 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LASER RIDGE SKIN DISTORTION REDUCTION METHOD AND APPARATUS
• PROCEDE ET DISPOSITIF DE REDUCTION DE LA DISTORSION D'UNE

ENVELOPPE INDUITE PAR INCISION LASER D'UNE CRETE

(71) **W. INOAC, INC.** [US/US]; Suite 420, One Towne Square, Southfield, MI 48076 (US).

(72) **EVANS, Gregg, Stoutenburg**; Apartment #1, 277 Piccadilly Street, London, Ontario N6A 1S6 (CA). **BOXELL, Timothy, D.**; 29104 Evergreen Road, Southfield, MI 48076 (US).

(74) **KELLY, Robert, L.**; Dykema Gossett PLLC, Suite 300, 39577 Woodward Avenue, Bloomfield Hills, MI 48304-2820 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B23K 26/00**

(11) **WO 01/70445** (13) A1

(21) PCT/US01/08413

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,719 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS AND APPARATUS FOR WEAKENING AN AUTOMOTIVE TRIM PIECE FOR AN AIRBAG DEPLOYMENT OPENING
• PROCEDE ET APPAREIL PERMETTANT DE FRAGILISER UNE GARNITURE D'AUTOMOBILE DESTINEE A FORMER UNE OUVERTURE POUR LE DEPLOIEMENT D'UN COUSSIN DE SECURITE GONFLABLE

(71) **TIP ENGINEERING GROUP, INC.** [US/US]; 33045 Hamilton Court, Suite 103, Farmington Hills, MI 48334 (US).

(72) **NICHOLAS, Antonios**; 46 Wilshire, Belle Mead, NJ 08502 (US). **TOWLER, Michael**; 23600 Cass, Farmington, MI 48335 (US).

(74) **BENEFIEL, John, R.**; Suite 100 B, 280 Daines Street, Birmingham, MI 48009 (US).

(81) AU BR CA CN HU IN JP KR MX NO PL RU SG UA VN YU ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B23K 31/02**

(11) **WO 01/70446** (13) A1

(21) PCT/CA01/00355

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 2,302,106 **24 Mar/mar 2000** CA **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MEASUREMENT OF PIPE JOINT MISALIGNMENT AT WELD INTERFACE
• MESURE DU DEFAUT D'ALIGNEMENT DE JOINTS DE TUYAUX AU NIVEAU DE L'INTERFACE DE SOUDAGE

(71) **SHAW INDUSTRIES LTD.** [CA/CA]; 25 Bethridge Road, Rexdale, Ontario M9W 1M7 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SIEBERT, Martin, Anton** [CA/CA]; 4707 - 32nd Avenue S.W., Calgary, Alberta T3E 0X4 (CA). **PRENTICE, Garth, Rodney** [CA/CA]; 69 Tuscarora Circle N.W., Calgary, Alberta T3L 2B8 (CA). **CARTER, Colin, Lesly** [CA/CA]; 229 Mountdouglas Circle, Calgary, Alberta T2Z 3P1 (CA).

(74) **VASS, William, B.** et al. / etc.; Ridout & Maybee, Suite 2400, One Queen Street East, Toronto, Ontario M5C 3B1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **B23K 33/00, B21C 37/083, 37/08**

(11) **WO 01/70447** (13) A1

(21) PCT/CH01/00122

(22) **26 Feb/fév 2001 (26.02.2001)**

(25) de (26) de

(30) 552/00 **23 Mar/mar 2000** CH **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TAILORED TUBULAR BLANKS AND A METHOD FOR THE PRODUCTION THEREOF
• EBAUCHES TUBULAIRES SUR MESURE ET LEUR PROCEDE DE PRODUCTION

(71) **ELPATRONIC AG** [CH/CH]; Industriestrasse 35, CH-8962 Bergdietikon (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAEGI, Bruno, Walter** [CH/CH]; Dorfstrasse 4, CH-8608 Bubikon (CH).

(74) **ELPATRONIC AG**; Industriestrasse 35, CH-8962 Bergdietikon (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B23K 35/26**

(11) **WO 01/70448** (13) A1

(21) PCT/JP00/01636

(22) **17 Mar/mar 2000 (17.03.2000)**

(25) ja (26) ja

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LEAD-FREE SOLDER ALLOY
• ALLIAGE DE SOUDURE SANS PLOMB

(71) **TOKYO FIRST TRADING COMPANY** [JP/JP]; Sakurai Bldg., 9-15, Nihonbashi Kofunecho, Chuo-ku, Tokyo 103-0024 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAWAMURA, Tadashi** [JP/JP]; 1-101, Wada 157, Tama-shi, Tokyo 206-0001 (JP). **KOMIYA, Hisashi** [JP/JP]; 2-202, Hirasawa 332, Akiruno-shi, Tokyo 197-0812 (JP).

(74) **SAITO, Kazunori**; K. Saito & Associates, 23-8-201, Shirogane 1-chome, Minato-ku, Tokyo 108-0072 (JP).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B23K 35/363, 35/36**

(11) **WO 01/70449** (13) A1

(21) PCT/GB01/01039

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) en (26) en

(30) 0006989.8 **22 Mar/mar 2000** GB **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SOLDERING FLUX
• FLUX DE BRASAGE

(71) **MULTICORE SOLDERS LIMITED** [GB/GB]; Kelsey House, Wood Lane End, Hemel Hempstead, Hertfordshire HP2 4RQ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COOPER, Steven, James** [GB/GB]; 42 Chestnut Avenue, Sundon Park, Luton, Bedfordshire LU3 3JA (GB). **LAWRENCE, Frank, Timothy** [GB/GB]; 9 Loudwater Close, Sudbury-on-Thames, Middlesex TW16 6DD (GB).

(74) **SILVERMAN, Warren**; Imperial House, 15-19 Kingsway, London WC2B 6UD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B23P 17/00**

(11) **WO 01/70450** (13) A1

(21) PCT/US01/08971

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,569 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR MANUFACTURING A NEAR NET-SHAPE MOLD
• PROCEDE DE FABRICATION D'UN MOULE DE GRANDE PRECISION DIMENSIONNELLE

(71, 72) **STEWART, David, H.** [US/US]; 1260 Shotwell Drive, Houston, TX 77020 (US).

(74) **GARRETT, Arthur, S.** et al. / etc.; Finnegan, Henderson, Farabow,, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B23P 19/04, 6/00, B26F 3/00**

(11) **WO 01/70451** (13) A1

(21) PCT/EP01/02579

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) de (26) de

(30) 00106226.4 **22 Mar/mar 2000** EP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR REMOVING A SEAL
• PROCEDE PERMETTANT DE DEMONTER UN ELEMENT D'ETANCHEITE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KROCKOW, Wolfram** [DE/DE]; Rilkestrasse 50, 40886 Meerbusch (DE). **KEFALAS, Nikolaos** [DE/DE]; Wackenbrucker Strasse 7, 46485 Wesel (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) BR CA CN ID IN JP MX RU UA US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **B23P 23/00**

(11) **WO 01/70452** (13) A1

(21) PCT/US01/08448

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,753 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MACHINE TOOL MOUNTED MARKING APPARATUS AND METHOD
• APPAREIL DE MARQUAGE SOLIDAIRE D'UNE MACHINE OUTIL ET PROCEDE

(71) **DAPRA CORPORATION** [US/US]; 66 Granby Road, Bloomfield, CT 06002 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PENTZ, Richard, E.** [US/US]; 7 Saddle Ridge Drive, West Simsbury, CT 06092 (US). **JACOBSEN, John, D.** [US/US]; 162 River Road, Unionville, CT 06085 (US). **SANGSTER, William, D.** [US/US]; 38 Lords Lane, Deep River, CT 06417 (US).

(74) **DESTEFANIS, Jody, Lynn** et al. / etc.; Wiggin & Dana, One Century Tower, New Haven, CT 06508-1832 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B23Q 1/48, 1/58, F16C 29/06, 11/04, B25J 9/04, 5/02**

(11) **WO 01/70453** (13) A1

(21) PCT/EP01/01614

(22) **14 Feb/fév 2001 (14.02.2001)**

(25) de (26) de

(30) 100 14 268.0 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HANDLING DEVICE WITH A LINEAR MODULE MOUNTED ON A PIVOT BEARING
• MANIPULATEUR COMPORTANT UN MODULE LINEAIRE MONTE SUR UN COUSSINET DE PIVOTEMENT

(71) **INA WÄLZLAGER SCHAEFFLER OHG** [DE/DE]; Industriestr. 1-3, 91074 Herzogenaurach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GARDOLINSKI, Tomasz** [PL/PL]; Zabinskiego 6/8, 02793 Warszawa (PL).

(74) **INA WÄLZLAGER SCHAEFFLER OHG**; Industriestr. 1-3, 91074 Herzogenaurach (DE).

(81) DE JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B24B 1/00, 7/00, 9/00, H01L 21/302, 21/461**

(11) **WO 01/70454** (13) A1

(21) PCT/US01/08506

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,278 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 60/190,221 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 60/202,495 **5 May/mai 2000** US **(05.05.2000)**

(30) 09/808,790 **15 Mar/mar 2001** US **(15.03.2001)**

(30) 09/808,749 **15 Mar/mar 2001** US **(15.03.2001)**

(30) 09/808,748 **15 Mar/mar 2001** US **(15.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CLUSTER TOOL SYSTEMS AND METHODS FOR PROCESSING WAFERS
• SYSTEMES D'OUTILS GROUPES ET PROCEDES ASSOCIES DESTINES AU TRAITEMENT DE PLAQUETTES

(71) **WAFER SOLUTIONS, INC.** [US/US]; 4576 Enterprise Street, Freemont, CA 94538 (US).

(72) **DOBSON, Duncan**; 129 Albion Avenue, Woodside, CA 94642 (US). **VEPA, Krishna**; 1674 Vetta Lane, Livermore, CA 94550 (US).

(74) **BARRETT, Roger, T.** et al. / etc.; Townsend and Townsend and Crew LLP, Suite 2700, 1200 Seventeenth Street, Denver, CO 80202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B24B 5/37**

(11) **WO 01/70455** (13) A1

(21) PCT/JP00/01651

(22) **17 Mar/mar 2000 (17.03.2000)**

(25) ja (26) ja

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ROLL GRINDING DEVICE, ROLL GRINDING METHOD, ROLLING MILL

WITH THE ROLL GRINDING DEVICE, AND ROLLING METHOD OF THE ROLLING MILL WITH THE ROLL GRINDING DEVICE

- DISPOSITIF ET PROCEDE DE RECTIFICATION, LAMINOIR POSSEDANT CE DISPOSITIF ET PROCEDE DE LAMINAGE

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHIMAYA, Fumihisa** [JP/JP]; Hitachi, Ltd., 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP). **MORI, Shigeru** [JP/JP]; Hitachi, Ltd., 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP). **SAKANAKA, Takao** [JP/JP]; Hitachi, Ltd., 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP). **NAKAJIMA, Yukio** [JP/JP]; Hitachi, Ltd., 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP). **YASUNARI, Shinichi** [JP/JP]; Hitachi, Ltd., 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP).

(74) **SAKUTA, Yasuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220 (JP).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **B24B 5/42, 49/04**

(11) **WO 01/70456** (13) A2

(21) PCT/US01/08938

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/528,385 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- AUTOMATIC GAGE HEAD POSITIONING SYSTEM
- SYSTEME AUTOMATIQUE DE POSITIONNEMENT POUR TETE DE CALIBRAGE

(71) **CONTROL GAGING, INC.** [US/US]; Columbia Center, 5200 Venture Drive, Ann Arbor, MI 48108 (US).

(72) **LISKOW, Karl, J.**; 454 Woodward Avenue, Ypsilanti, MI 48198 (US).

(74) **KICZEK, Casimir, R.** et al. / etc.; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B24B 7/04, 37/02, 1/00, 5/01, 1/04, B23F 21/03**

(11) **WO 01/70457** (13) A1

(21) PCT/US01/08825

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/190,278 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 60/190,463 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 60/190,214 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 60/206,382 **23 May/mai 2000** US **(23.05.2000)**

(30) Not furnished / non communiqué **15 Mar/mar 2001** US **(15.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- GRIND POLISH CLUSTER AND DOUBLE SIDE POLISHING OF SUBSTRATES
- BLOC A POLIR PAR MEULAGE ET POLISSAGE DE SUBSTRATS SUR LES DEUX FACES

(71) **WAFER SOLUTIONS, INC** [US/US]; 4576 Enterprise Street, Freemont, CA 94538 (US).

(72) **DOBSON, Duncan**; 129 Albion Avenue, Woodside, CA 94642 (US). **VEPA, Krishna**; 1674 Vetta Lane, Livermore, CA 94550 (US).

(74) **BARRETT, Roger, T.** et al. / etc.; Townsend and Townsend and Crew LLP, 1200 Seventeenth Street, Suite 2700, Denver, CO 80202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B24B 7/22, 55/02, 41/047, 27/00**

(11) **WO 01/70458** (13) A1

(21) PCT/IB01/00404

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) it (26) en

(30) MO2000A000054 **21 Mar/mar 2000** IT **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- POLISHING SYSTEM FOR CERAMIC PRODUCTS
- SYSTEME DE POLISSAGE POUR PRODUITS EN CERAMIQUE

(71) **NUOVE OFFICINE ANCORA S.P.A.** [IT/IT]; Via Ancora, 326, I-41049 Sassuolo (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CORRADINI, Mario** [IT/IT]; Via Costa, 3, I-42014 Castellarano (IT).

(74) **CRUGNOLA, Pietro**; Luppi & Crugnola S.r.l., Viale Corassori, 54, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **B24B 9/14, 13/06, 47/22, 49/04**

(11) **WO 01/70459** (13) A1

(21) PCT/EP01/02709

(22) **10 Mar/mar 2001 (10.03.2001)**

(25) de (26) de

(30) 100 13 650.8 **18 Mar/mar 2000** DE **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- METHOD AND DEVICE FOR TREATING SPECTACLE GLASSES BY MEANS OF A CNC-CONTROLLED SPECTACLE GLASS TREATMENT MACHINE
- PROCEDE ET DISPOSITIF D'USINAGE DE VERRES DE LUNETTES AU MOYEN D'UNE MACHINE D'USINAGE DE VERRES DE LUNETTES A COMMANDE NUMERIQUE PAR ORDINATEUR (CNC)

(71) **WERNICKE & CO. GMBH** [DE/DE]; Jägerstrasse 58, 40231 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LUDERICH, Joerg** [DE/DE]; Hamannstrasse 63, 40882 Ratingen (DE).

(74) **REHDERS, Jochen**; Velten Franz Jakoby, Kaistr. 20, 40221 Düsseldorf (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **B24B 9/14, 51/00**

(11) **WO 01/70460** (13) A1

(21) PCT/EP01/02710

(22) **10 Mar/mar 2001 (10.03.2001)**

(25) de (26) de

(30) 100 13 648.6 **18 Mar/mar 2000** DE **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- ASSEMBLY FOR MACHINING THE EDGES OF SPECTACLE LENSES
- SYSTEME D'USINAGE DES BORDS DE VERRES DE LUNETTES

(71) **WERNICKE & CO. GMBH** [DE/DE]; Jägerstrasse 58, 40231 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LUDERICH, Joerg** [DE/DE]; Hamannstr. 63, 40822 Ratingen (DE). **KÖTTING, Fritz** [DE/DE]; Jahnstr. 5, 41541 Dormagen (DE). **WERNER, Ralf** [DE/DE]; Neumarkt 5, 40721 Hilden (DE).

(74) **REHDERS, Jochen**; Velten Franz Jakoby, Kaistr. 20, 40221 Düsseldorf (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B24B 9/14**

(11) **WO 01/70461** (13) A1

(21) PCT/EP01/02711

(22) **10 Mar/mar 2001 (10.03.2001)**

(25) de (26) de

(30) 100 13 649.4 **18 Mar/mar 2000** DE **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SUPPLEMENTARY GRINDING TOOL FOR USE IN AN EDGE GRINDING MACHINE FOR SPECTACLE LENSES
• OUTIL DE MEULAGE COMPLEMENTAIRE D'UNE MACHINE DE MEULAGE DE BORD DE VERRES DE LUNETTES

(71) **WERNICKE & CO. GMBH** [DE/DE]; Jägerstrasse 58, 40231 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KÖTTING, Fritz** [DE/DE]; Jahnstr. 5, 41541 Dormagen (DE). **LUDERICH, Joerg** [DE/DE]; Hamannstr. 63, 40822 Ratingen (DE).

(74) **REHDERS, Jochen**; Velten Franz Jakoby, Kaistr. 20, 40221 Düsseldorf (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **B24B 37/04, 57/02, 1/00**

(11) **WO 01/70462** (13) A1

(21) PCT/US01/09421

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,560 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A METHOD FOR CHEMICAL-MECHANICAL-POLISHING A SUBSTRATE
• PROCEDE DE POLISSAGE MECANICO-CHIMIQUE D'UN SUBSTRAT

(71) **RODEL HOLDINGS, INC.** [US/US]; 1105 North Market Street, Suite 1300, Wilmington, DE 19899 (US).

(72) **RHOADES, Robert, L.**; 2205 East Granite View Drive, Phoenix, AZ 85048 (US).

(74) **BENSON, Kenneth, A.** et al. / etc.; Rodel Holdings, Inc., Suite 1300, 1105 North Market Street, Wilmington, DE 19899 (US).

(81) JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B24D**

(11) **WO 01/70463** (13) A2

(21) PCT/US01/09347

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,607 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • VITRIFIED BONDED ABRASIVE TOOLS
• OUTILS ABRASIFS COLLES VITRIFIES

(71) **NORTON COMPANY** [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) **CARMAN, Lee, A.** [US/US]; 45 Pointe Rok Drive, Worcester, MA 01604 (US). **HAVENS, Irvin, F.** [US/US]; 9 Harvey Lane, Westborough, MA 01581 (US). **KING, Wesley, A.** [US/US]; 9 Potter Village Road, Charlton, MA 01507 (US).

(74) **PORTER, Mary, E.** et al. / etc.; Saint-Gobain Corporation, 1 New Bond Street, Box Number 15138, Worcester, MA 01615-0138 (US).

(81) AU BR CA JP MX NZ US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B24D 11/00, B23F 21/23**

(11) **WO 01/70464** (13) A1

(21) PCT/US01/08591

(22) **17 Mar/mar 2001 (17.03.2001)**

(25) en (26) en

(30) 09/532,678 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • KNIFE MAINTENANCE APPARATUS HAVING TWO DISTINCT MAINTENANCE SURFACES
• APPAREIL D'ENTRETIEN DE COUTEAUX COMPORTANT DEUX SURFACES D'ENTRETIEN DISTINCTES

(71, 72) **RAY, Ralph** [US/US]; 37341 Highway 94, P.O. Box 1177, Boulevard, CA 91905 (US).

(74) **TACHNER, Leonard**; Suite 38-E, 17961 Sky Park Circle, Irvine, CA 92614 (US).

(81) AE AU BG BR BY BZ CA CN CO CR CZ EE HU ID IL IN IS JP KP KR MX NO NZ PL RO RU SD SG SI SK UA US YU ZA ZW.

Published / Publiée : *(c)*

Declaration / Déclaration :
(u) for / pour US only / seulement

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(51)[7] **B25B 21/00, F16D 1/10**

(11) **WO 01/70465** (13) A1

(21) PCT/JP01/02322

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) ja (26) ja

(30) 2000-083199 **24 Mar/mar 2000** JP **(24.03.2000)**

(30) 2001-062586 **6 Mar/mar 2001** JP **(06.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CONNECTION STRUCTURE OF SOCKET WRENCH
• STRUCTURE DE RACCORDEMENT POUR CLE A DOUILLES

(71) **KYOTO TOOL CO., LTD.** [JP/JP]; 40, Shimotobaosada-cho, Fushimi-ku, Kyoto-shi, Kyoto-fu 612-8471 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OSHIOKA, Masashi** [JP/JP]; Kyoto Tool Co., Ltd., 40, Shimotobaosada-cho, Fushimi-ku, Kyoto-shi, Kyoto-fu 612-8471 (JP). **HIRAKATA, Yuji** [JP/JP]; Kyoto Tool Co., Ltd., 40, Shimotobaosada-cho, Fushimi-ku, Kyoto-shi, Kyoto-fu 612-8471 (JP). **IMAI, Akifumi** [JP/JP]; Kyoto Tool Co., Ltd., 40, Shimotobaosada-cho, Fushimi-ku, Kyoto-shi, Kyoto-fu 612-8471 (JP).

(74) **KYOTO TOOL CO., LTD. RESEARCH & DEVELOPMENT DEPARTMENT**; 40, Shimotobaosasa-cho, Fushimi-ku, Kyoto-shi, Kyoto-fu 612-8471 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B25G 1/06**

(11) **WO 01/70466** (13) A1

(21) PCT/EP01/03202

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) de (26) de

(30) 100 14 047.5 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TOOL, IN PARTICULAR, A CLEANING AND APPLICATION TOOL, COMPRISING A SHAFT AND A HANDLE
• OUTIL, PLUS PRECISEMENT OUTIL D'APPLICATION ET DE NETTOYAGE, COMPOSE D'UN MANCHE ET D'UNE POIGNEE

(71) **CORONET-WERKE GMBH** [DE/DE]; Neustadt 2, 69483 Wald-Michelbach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEIHRAUCH, Horst** [DE/DE]; Forststr. 60, 64385 Reichelsheim (DE).

(74) **LICHTI, Heiner** et al. / etc.; Postfach 41 07 60, 76207 Karlsruhe (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B25G 1/08**

(11) **WO 01/70467** (13) A1

(21) PCT/US01/09239

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,526 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HAND TOOL
• OUTIL A MAIN

(71) **LKL INNOVATIONS, LTD.** [US/US]; Lane Road, Perry, OH 44112 (US).

(72) **LEGG, Larry, K.**; 3785 Lane Road, Perry, OH 44081 (US).

(74) **MURPHY, Cynthia** et al. / etc.; Renner, Otto, Boisselle & Sklar, LLP, 1621 Euclid Avenue, 19th Floor, Cleveland, OH 44115 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B25J 13/00, G06F 15/18**

(11) **WO 01/70468** (13) A1

(21) PCT/JP01/02419

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) ja (26) ja

(30) 2000-88596 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR DETERMINING ACTION OF ROBOT AND ROBOT
• DETERMINATION DE L'ACTION D'UN ROBOT ET ROBOT

(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) **TAKAGI, Tsuyoshi** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **FUJITA, Masahiro** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **HASEGAWA, Rika** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **SABE, Kotaro** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **ARKIN, Craig Ronald** [US/US]; c/o GEORGIA INSTITUTE OF TECHNOLOGY, Atlanta, GA 30332-0280 (US).

(74) **KOIKE, Akira** et al. / etc.; No.11 Mori Bldg., 6-4, Toranomon 2-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B26B 3/04, A47J 25/00**

(11) **WO 01/70469** (13) A1

(21) PCT/US01/06978

(22) **26 Feb/fév 2001 (26.02.2001)**

(25) en (26) en

(30) 09/532,716 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • IMPLEMENT FOR HOLDING AND/OR CORING VEGETABLES AND/OR FRUITS DURING PREPARATION OF THE SAME
• OUTIL DE MAINTIEN ET/OU DE CAROTTAGE DE LEGUMES ET/OU DE FRUITS LORS DE LEUR PREPARATION

(71, 72) **BRYANT, Roger, L.** [US/US]; 5256 East Hannibal Street, Mesa, AZ 85205 (US).

(74) **LISTER, John, D.**; 3841 East Diamond Avenue, Mesa, AZ 85206-1836 (US).

(81) AU CA CN MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B26D 3/10**

(11) **WO 01/70470** (13) A1

(21) PCT/US01/09103

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 00/03668 **22 Mar/mar 2000** FR **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • THREE KNIVES CUTTING
• DECOUPAGE A TROIS COUTEAUX

(71) **VISTEON GLOBAL TECHNOLOGIES, INC.** [US/US]; Suite 728, Parklane Towers East, 1 Parklane Boulevard, Dearborn, MI 48126 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAELEN, Marc** [FR/FR]; 23, rue du 14eme Zouave, F-59251 Allennes-Les-Marais (FR). **DELATTRE, Jean-Yves** [FR/FR]; 340, rue Jeunesse, F-59134 Fournes-en-Weppes (FR). **FREYCON, Bernard** [FR/FR]; 12, rue de Wahagnies, F-59239 La Neuville (FR).

(74) **OBERHOLTZER, Steven, L.** et al. / etc.; Brinks, Hofer, Gilson & Lione, P.O. Box 10395, Chicago, IL 60610 (US).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[6] **B27B 33/08, B23D 61/02**

(11) **WO 01/70471** (13) A1

(21) PCT/US01/09061

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/191,043 **21 Mar/mar 2000** US **(21.03.2000)**

(30) 09/637,473 **11 Aug/août 2000** US **(11.08.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METAL-CUTTING SAW BLADE HAVING STRENGTHENED GULLET AND NEGATIVE TOOTH RAKE
• LAME DE SCIE DESTINEE A COUPER DU METAL, EQUIPEE DE GORGES RENFORCEES ET A INCIDENCE DES DENTS NEGATIVE

(71) **AMERICAN TOOL COMPANIES, INC.** [US/US]; Suite 805, 2800 West Higgins Road, Hoffman Estates, IL 60195 (US).

(72) **SINGH, Iqbal**; 7309 south 33rd Street, Lincoln, NE 68516 (US).

(74) **CHU, Michael, P.**; Brinks Hofer Gilson & Lione, P.O. Box 10087, Chicago, IL 60610 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B27K 3/32, 3/22, 3/16**

(11) **WO 01/70472** (13) A1

(21) PCT/AU01/00325

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) PQ 6449 **24 Mar/mar 2000** AU **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PRESERVING COMPOSITIONS
• COMPOSITIONS DE PRESERVATION

(71) **MONASH UNIVERSITY** [AU/AU]; Wellington Road, Clayton, VIC 3168 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WATKINS, John, Bernard** [AU/AU]; 4 Airedale Way, Rowville, VIC 3178 (AU).

(74) **GRIFFITH HACK**; 509 St Kilda Road, Melbourne, VIC 3004 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B29B 13/02, B28B 13/06, B29B 9/06, B29C 47/10, B29B 7/60, B29C 31/02, B29B 7/82**

(11) **WO 01/70473** (13) A1

(21) PCT/EP01/02778

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) de (26) de

(30) 100 13 948.5 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR GRANULATING THERMOPLASTIC POLYMERS
• PROCEDE DE GRANULATION DE POLYMERES THERMOPLASTIQUES

(71) **BASELL POLYOLEFINE GMBH** [DE/DE]; Am Yachthafen 2, 77694 Kehl (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WITT, Michael** [DE/DE]; Bodelschwinghstrasse 16, 67246 Dirmstein (DE). **ANDERLIK, Rainer** [DE/DE]; Albert-Fraenckel-Strasse 9, 69126 Heidelberg (DE). **HOFMANN, Jürgen** [DE/DE]; Münchbuschweg 30 c, 67069 Ludwigshafen (DE). **KESSLER, Thomas** [DE/DE]; Mutterstadterstrasse 113, 67105 Schifferstadt (DE). **RIZK, Farid** [DE/DE]; Wiesenstrasse 13, 67141 Neuhofen (DE). **BICKEL, Wolfgang** [DE/DE]; Theodor-Storm-Strasse 16, 67269 Grünstadt (DE).

(81) AU BR CA CN IN JP KR RU US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B29C 33/42, 45/14**

(11) **WO 01/70474** (13) A1

(21) PCT/US00/25192

(22) **15 Sep/sep 2000 (15.09.2000)**

(25) en (26) en

(30) 60/189,868 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • IMPROVED CONTAINER AND METHOD AND APPARATUS FOR FORMING THE CONTAINER
• CONTENANT AMELIORE, PROCEDE ET APPAREIL DE FORMATION DUDIT CONTENANT

(71) **PECHINEY PLASTIC PACKAGING, INC.** [US/US]; 8770 West Bryn Mawr Avenue, Chicago, IL 60631 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JACKSON, Douglas, J.** [US/US]; 132 Chestnut Drive, Wayne, NJ 07470 (US). **KING, Daniel, L.** [US/US]; 92 Sherman Ridge Road, Sussex, NJ 07461 (US).

(74) **AUDET, Paul, R.**; Ohlandt, Greeley, Ruggiero & Perle, L.L.P., 9th floor, One Landmark Square, Stamford, CT 06901-2682 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B29C 35/08, 65/18, 65/20, 65/24**

(11) **WO 01/70475** (13) A1

(21) PCT/US01/08877

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/531,543 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HEAT STAKING HEAD WITH RADIANT HEAT SOURCE
• TETE DE MATRIÇAGE THERMIQUE POSSEDANT UNE SOURCE DE CHALEUR RAYONNANTE

(71) **EXTOL, INC.** [US/US]; 451 Roosevelt, Zeeland, MI 49464 (US).

(72) **LANSER, Mark, W.**; 9510 E. 50 Road, Cadillac, MI 49601 (US). **MILLER, Roger**; 3416 Hollywood Drive, Holland, MI 49424 (US). **KLOMPENBERG, VAN, Andrew**; 4473 Sugarbush Court, Grandville, MI 49418 (US).

(74) **WOOD, Donald, L.** et al. / etc.; 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 BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B29C 41/18, 41/22, 41/36, B60R 13/02**

(11) **WO 01/70476** (13) A2

(21) PCT/US01/08679

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/528,396 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DOUBLE-CAST SLUSH MOLDING METHOD AND APPARATUS
• PROCEDE ET DISPOSITIF DE MOULAGE PAR EMBOUAGE A DOUBLE COULEE

(71) **TEXTRON AUTOMOTIVE COMPANY, INC.** [US/US]; 750 Stephenson Highway, Troy, MI 48083 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MACDONALD, John** [US/US]; Textron Automotive Company, Inc., 750 Stephenson Highway, Troy, MI 48083 (US). **CONROY, Michael** [US/US]; 174 Swain Road, Barrington, NH 03825 (US). **LECOZ, Mary-Lou Smith** [CA/CA]; Textron Automotive Company, Inc., 750 Stephenson Highway, Troy, MI 48083 (US). **NELSON, Marvin** [CA/CA]; Textron Automotive Company, Inc., 750 Stephenson Highway, Troy, MI 48083 (US).

(74) **GROSSMAN, Steven J.**; Hayes, Soloway, Hennessey, Grossman & Hage, P.C., 175 Canal Street, Manchester, NH 03101 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B29C 43/20**

(11) **WO 01/70477** (13) A1

(21) PCT/US01/09105

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 00/03667 **22 Mar/mar 2000** FR **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SELECTIVE CUTTING "ONE SHOT"
• DECOUPE SELECTIVE MONOBLOC

(71) **VISTEON GLOBAL TECHNOLOGIES, INC.** [US/US]; Suite 728, Parklane Towers East, 1 Parklane Boulevard, Dearborn, MI 48126 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAELEN, Marc** [FR/FR]; 23, rue du 14eme Zouave, F-59251 Allennes-Les-Marais (FR). **DELATTRE, Jean-Yves** [FR/FR]; 340, rue Jeunesse, F-59134 Fournes-en-Weppes (FR). **FREYCON, Bernard** [FR/FR]; 12, rue de Wahagnies, F-59239 La Neuville (FR).

(74) **OBERHOLTZER, Steven, L.** et al. / etc.; Brinks Hofer Gilson & Lione, P.O. Box 10395, Chicago, IL 60610 (US).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)[7] **B29C 44/00**

(11) **WO 01/70478** (13) A2

(21) PCT/US01/09023

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/532,676 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MACHINE AND METHOD FOR FORMING MOLDED FOAM CUSHIONS
• MACHINE ET PROCÉDÉ DE FABRICATION DE COUSSINS MOULÉS EN MOUSSE

(71) **SEALED AIR CORPORATION (US)** [US/US]; Park 80 East, Saddle Brook, NJ 07663 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SALERNO, Mark, H.** [US/US]; 212 Breakers Lane, Stratford, CT 06615 (US). **SECKLER, Michael, J.** [US/US]; 12 Summit Road, Wappinger Falls, NY 12590 (US).

(74) **LAGALY, Thomas, C.** et al. / etc.; Sealed Air Corporation, 100 Rogers Bridge Road, P.O. Box 464, Duncan, SC 29334 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B29C 44/56**

(11) **WO 01/70479** (13) A1

(21) PCT/US01/04589

(22) **13 Feb/fév 2001 (13.02.2001)**

(25) en (26) en

(30) 60/190,721 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ACOUSTIC ABSORPTION POLYMER FOAM HAVING IMPROVED THERMAL INSULATING PERFORMANCE
• MOUSSE POLYMERE D'ABSORPTION ACOUSTIQUE OFFRANT UNE MEILLEURE ISOLATION THERMIQUE

(71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PARK, Chung, P.** [DE/DE]; Schulstrasse 10a, 76532 Baden-Baden (DE).

(74) **HOWARD, Dan, R.**; The Dow Chemical Company, Intellectual Property, P.O. Box 1967, Midland, MI 48641-1967 (US).

(81) AU BR CA CN CZ HU IL IN JP KR MX NO RU US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B29C 45/16, 45/44, F16L 47/06**

(11) **WO 01/70480** (13) A1

(21) PCT/GB01/01231

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0006662.1 **21 Mar/mar 2000** GB **(21.03.2000)**

(30) 0007575.4 **30 Mar/mar 2000** GB **(30.03.2000)**

(30) 0105016.0 **1 Mar/mar 2001** GB **(01.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PIPE COUPLINGS
• RACCORD DE TUYAUTERIES

(71, 72) **MULLAN, David** [GB/GB]; 2 Blacon Cottages, Snitterfield Lane, Norton Lindsey, Warwickshire CV35 8JJ (GB).

(74) **HARRISON GODDARD FOOTE**; Tower House, Merrion Way, Leeds LS2 8PA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B29C 45/16**

(11) **WO 01/70481** (13) A1

(21) PCT/US00/06972

(22) **16 Mar/mar 2000 (16.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CONVERSION MANIFOLD FOR MULTIPLE INJECTION UNIT INJECTION MOLDING MACHINE
• COLLECTEUR DE CONVERSION POUR MACHINE DE MOULAGE PAR INJECTION COMPORTANT DES ELEMENTS D'INJECTION MULTIPLES

(71) **INCOE CORPORATION** [US/US]; 1740 E. Maple Road, Troy, MI 48099-0485 (US).

(72) **BLUNDY, John, D.**; 9202 Bridge Lake Road, Clarkston, MI 48348 (US).

(74) **ARTZ, John, A.** et al. / etc.; Artz & Artz, Suite 250, 28333 Telegraph Road, Southfield, MI 48034 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B29C 47/00, E06B 3/22**

(11) **WO 01/70482** (13) A1

(21) PCT/DE01/01132

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) de (26) de

(30) 100 14 186.2 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HOLLOW CHAMBER PROFILE
• PROFILE A CHAMBRES CREUSES

(71) **HT TROPLAST AG** [DE/DE]; Mülheimer Strasse 26, 53840 Troisdorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BORNHOLDT, Alexander** [DE/DE]; Eichendorfstrasse 62, 53721 Siegburg (DE). **BURGHARD, Walter** [DE/DE]; Piusstrasse 9, 53842 Troisdorf (DE). **OBERMEIER, Karl** [DE/DE]; Zum Kalkofen 43, 53844 Troisdorf (DE).

(74) **WÜBKEN, Ludger**; c/o HT Troplast AG, Geb. 56, 53839 Troisdorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DE (Utility model / modèle d'utilité) DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B29C 47/00, 55/28, 69/00 // B29K 1:00**

(11) **WO 01/70483** (13) A1

(21) PCT/GB01/00851

(22) **1 Mar/mar 2001 (01.03.2001)**

(25) en (26) en

(30) 0006524.3 **18 Mar/mar 2000** GB **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DOUBLE BUBBLE PROCESS FOR MANUFACTURING ORIENTATED CELLULOSE FILMS
• PROCEDE A DOUBLE BULLE POUR LA FABRICATION DE PELLICULES CELLULOSIQUES ORIENTEES

(71) **DEVRO PLC** [GB/GB]; Moodiesburn, Chryston, Glasgow G69 0JE (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HENDRIKS, Ivo, G.** [BE/BE]; Hoevenstraat 95, B-3900 Overpelt (BE). **HENDRIKX, Roger, H.** [BE/BE]; Schoenmakersweg 1, B-3520 Zonhoven (BE). **BECKERS, Stefan, D.** [BE/BE]; Panhovenstraat 19, B-3941 Hechtel-Eksel (BE). **VRIJSEN,**

Mark [BE/BE]; Bremstraat 42, B-3520 Zonhoven (BE). **HELLEMANS, Dirk, M.** [BE/BE]; Lange Venstraat 38A, B-3128 Baal (BE).

(74) **MCCALLUM, William, Potter** et al. / etc.; Cruikshank & Fairweather, 19 Royal Exchange Square, Glasgow G1 3AE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B29C 47/00, B32B 7/12**

(11) **WO 01/70484** (13) A1

(21) PCT/US01/08774

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/531,978 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DIE-CUTTABLE BIAXIALLY ORIENTED FILMS
• FILMS ORIENTES BIAXIALLEMENT DECOUPABLES A L'EMPORTE-PIECE

(71) **AVERY DENNISON CORPORATION** [US/US]; 150 North Orange Grove Blvd., Pasadena, CA 91103 (US).

(72) **SUN, Edward, I.**; 300 East Wistaria Avenue, Arcadia, CA 91006 (US). **HEYDARPOUR, Ramin**; 320 N. Maple Drive, Beverly Hills, CA 90210 (US). **JOSEPHY, Karl**; 450 N. Highland Avenue, Los Angeles, CA 90036 (US). **SCHUT, Johannes**; Heemraad 72, NL-2408 HW Alphen aan den Rijn (NL). **CHANG, Eng-Pi**; 1420 San Carlos Road, Arcadia, CA 91006 (US). **WANG, Yao-Feng**; 21247 Chirping Sparrow Road, Diamond Bar, CA 91765 (US).

(74) **BOISSELLE, Armand, P.**; Renner, Otto, Boisselle & Sklar, LLP, 19th Floor, 1621 Euclid Avenue, Cleveland, OH 44115 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B29C 47/04, 47/86, 47/78, F02M 37/00, B32B 27/30, F02M 55/02, B29K 77/00, 27/12, B29L 23/00**

(11) **WO 01/70485** (13) A1

(21) PCT/JP01/02366

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-082131 **23 Mar/mar 2000** JP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS FOR PRODUCING MULTI-LAYERED PRODUCT
• PROCÉDÉ DE PRODUCTION D'ARTICLE MULTICOUCHE

(71) **DAIKIN INDUSTRIES, LTD.** [JP/JP]; Umeda Center Bldg., 4-12, Nakazakinishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **INABA, Takeshi** [JP/JP]; c/o DAIKIN INDUSTRIES, LTD., Yodogawa Plant., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **KITANO, Masakatsu** [JP/JP]; c/o DAIKIN INDUSTRIES, LTD., Yodogawa Plant., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP).

(74) **YASUTOMI, Yasuo** et al. / etc.; Chuo BLDG., 4-20, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B29C 47/38**

(11) **WO 01/70486** (13) A1

(21) PCT/FI01/00276

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 20000664 **21 Mar/mar 2000** FI **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR EXTRUDING MATERIAL
• PROCEDE ET DISPOSITIF PERMETTANT D'EXTRUDER UN MATERIAU

(71) **CONENOR OY** [FI/FI]; Kimmeltie 3, FIN-02110 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIRJAVAINEN, Kari** [FI/FI]; Kivenlahdenkatu 11 A 4, FIN-02320 Espoo (FI).

(74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B29C 47/50, 47/40, 47/12**

(11) **WO 01/70487** (13) A1

(21) PCT/US01/02014

(22) **19 Jan/jan 2001 (19.01.2001)**

(25) en (26) en

(30) 09/527,731 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • EXTRUSION METHOD AND APPARATUS FOR CERAMIC HONEYCOMB ARTICLES
• PROCEDE ET APPAREIL D'EXTRUSION D'ARTICLES EN CERAMIQUE NID D'ABEILLE

(71) **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).

(72) **MALARKEY, Christopher, J.**; 10055 Welch Road, Corning, NY 14830 (US).

(74) **GHEORGHIU, Anca, C.**; Corning Incorporated, SP TI 3 1, Corning, NY 14831 (US).

(81) CN ID JP ZA.

(84) EP (AT BE DE FR GB TR).

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(51)[7] **B29C 51/00**

(11) **WO 01/70488** (13) A1

(21) PCT/SE01/00618

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) sv (26) en

(30) 0000977-9 **22 Mar/mar 2000** SE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FORM PART FOR MANUFACTURING OF THERMOPLASTIC SHELL CONSTRUCTIONS
• MOULE SERVANT A FABRIQUER DES ENVELOPPES THERMOPLASTIQUES

(71, 72) **BRÄNNSTRÖM, Rolf** [SE/SE]; Villavägen 39A, S-933 34 Arvidsjaur (SE). **LINDEBORG, Anders** [SE/SE]; Storberg 16, S-933 99 Arvidsjaur (SE).

(74) **GRANSTRÖM, Lars-Eric** et al. / etc.; Stockholms Patentbyrå Zacco AB, Box 23101, S-104 35 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B29C 55/06, 55/12**

(11) **WO 01/70489** (13) A1

(21) PCT/US01/07877

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 60/189,812 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • WHITE POLYESTER FILM WITH CYCLOOLEFIN COPOLYMER
• FEUILLE DE POLYESTER BLANCHE A COPOLYMERE CYCLO-OLEFINE

(71) **MITSUBISHI POLYESTER FILM, LLC** [US/US]; 2001 Hood Road, Greer, SC 29650 (US).

(72) **ROUNSLEY, Jeffrey, R.**; 211 Lindsey Bridge Road, Taylors, SC 29687 (US).

(74) **ROCHE, Kathryn, R.**; Mitsubishi Chemical America, Inc., 1 North Lexington Avenue, White Plains, NY 10601 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B29D 11/00, B29C 33/00**

(11) **WO 01/70490** (13) A2

(21) PCT/US01/09075

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/532,233 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MOLDS FOR MAKING OPHTHALMIC DEVICES
• MOULES DESTINES A LA FABRICATION DE DISPOSITIFS OPHTALMIQUES

(71) **JOHNSON & JOHNSON VISION CARE, INC.** [US/US]; 7500 Centurian Parkway, Suite 100, Jacksonville, FL 32256 (US).

(72) **FORD, James, D.**; 515 Nassau Court, Orange Park, FL 32003 (US). **MOLOCK, Frank, F.**; 1543 Wildfern Drive, Orange Park, FL 32073 (US). **KIRK, James, F.**; 9009 Western Lake Drive #110, Jacksonville, FL 32256 (US).

(74) **JOHNSON, Philip, S.** et al. / etc.; Johnson & Johnson, One Johnson and Johnson Plaza, New Brunswick, NJ 08933 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B31B 1/84**

(11) **WO 01/70491** (13) A1

(21) PCT/US01/06232

(22) **27 Feb/fév 2001 (27.02.2001)**

(25) en (26) en

(30) 09/534,404 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • APPARATUS AND METHOD FOR INSERTING A SLIDER ONTO A FASTENER
• DISPOSITIF ET PROCEDE SERVANT A INSERER UN CURSEUR SUR UN ELEMENT DE FIXATION

(71) **PACTIV CORPORATION** [US/US]; 1900 West Field Court, Lake Forest, IL 60045 (US).

(72) **THOMAS, Toby, R.**; 8 Kurt Road, Pittsford, NY 14534 (US).

(74) **COOLLEY, Ronald, B.**; Jenkens & Gilchrist, P.C., 225 W. Washington Street, Suite 2600, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B32B 5/16**

(11) **WO 01/70492** (13) A1

(21) PCT/US00/07708

(22) **23 Mar/mar 2000 (23.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HIGH-TEMPERATURE POLYMER/INORGANIC NANOCOMPOSITES
• NANOCOMPOSITES POLYMERES/INORGANIQUES HAUTE TEMPERATURE

(71) **TRITON SYSTEMS, INC.** [US/US]; 200 Turnpike Road, Chelmsford, MA 01824 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SINGH, Anant** [IN/US]; 9 Hallmark Garden, Apartment 4, Burlington, MA 01803 (US). **HAGHIGHAT, Ross** [US/US]; 26 Algonquin Road, Chelmsford, MA 01824 (US).

(74) **WRAY, James, C.** et al. / etc.; Suite 300, 1493 Chain Bridge Road, McLean, VA 22101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B32B 7/02, 7/12, H01J 29/89, G02B 1/10, 5/00**

(11) **WO 01/70493** (13) A1

(21) PCT/JP01/02156

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ja (26) ja

(30) 2000-80541 **22 Mar/mar 2000** JP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FUNCTIONAL LAMINATED FILM AND METHOD FOR PRODUCTION THEREOF AND CRT HAVING SAID FILM PASTED THEREON
• FILM STRATIFIE FONCTIONNEL, SON PROCEDE DE PRODUCTION ET ECRAN CATHODIQUE SUR LEQUEL EST COLLE LEDIT FILM

(71) **ASAHI GLASS COMPANY, LIMITED** [JP/JP]; 12-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo 100-8405 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MORIWAKI, Ken** [JP/JP]; c/o Asahi Glass Company, Limited, 474-2, Tsukagoshi 3-chome, Saiwai-ku, Kawasaki-shi, Kanagawa 210-0924 (JP). **HOSOYA, Hideharu** [JP/JP]; c/o Asahi Glass Company, Limited, 474-2, Tsukagoshi 3-chome, Saiwai-ku, Kawasaki-shi, Kanagawa 210-0924 (JP). **SUZUKI, Masami** [JP/JP]; c/o Asahi Glass Company, Limited, 474-2, Tsukagoshi 3-chome, Saiwai-ku, Kawasaki-shi, Kanagawa 210-0924 (JP).

(74) **SENMYO, Kenji** et al. / etc.; Torimoto Kogyo Bldg., 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo 101-0042 (JP).

(81) KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B32B 9/00, 3/26, 5/20, 27/00**

(11) **WO 01/70494** (13) A1

(21) PCT/US01/09124

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/532,400 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LINER FOR WASTE WATER SYSTEM REHABILITATION
• DOUBLURE POUR REPARATION D'UN SYSTEME D'EAUX USEES

(71, 72) **HUME, James, M.** [US/US]; P.O. Box 24354, Jacksonville, FL 32241-4354 (US).

(74) **CURFISS, Robert, C.** et al. / etc.; Bracewell & Patterson, LLP, P.O. Box 61389, Houston, TX 77208-1389 (US).

(81) AU CA.

Published / Publiée : *(c)*

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(u) for / pour US only / seulement

(51)[7] **B32B 17/10**

(11) **WO 01/70495** (13) A1

(21) PCT/GB01/01174

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 0006443.6 **18 Mar/mar 2000** GB **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FIRE RESISTANT GLAZINGS
• VITRAGES COUPE-FEU

(71) **PILKINGTON PLC** [GB/GB]; Prescot Road, St Helens, Merseyside WA10 3TT (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VARMA, Karikath, Sukumar** [IN/GB]; Flat 9, Viceroy Court, Lord Street, Southport, Merseyside PR8 1PW (GB). **HOLLAND, John, Richard** [GB/GB]; 3 Cousins Lane, Rufford, Lancashire L40 1TN (GB). **HOLDEN, David, William** [GB/GB]; 24 Mersey Road, Wigan, Greater Manchester WN5 8NY (GB).

(74) **HALLIWELL, Anthony, Charles** et al. / etc.; Group Intellectual Property Department, Pilkington plc, Pilkington European Technical Centre, Hall Lane, Lathom, Ormskirk, Lancashire L40 5UF (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B32B 27/00**

(11) **WO 01/70496** (13) A1

(21) PCT/JP01/02421

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) ja (26) ja

(30) 2000-83976 **24 Mar/mar 2000** JP **(24.03.2000)**

(30) 2000-130769 **28 Apr/avr 2000** JP **(28.04.2000)**

(30) 2000-208385 **10 Jul/juil 2000** JP **(10.07.2000)**

(30) 2000-288209 **22 Sep/sep 2000** JP **(22.09.2000)**

(30) 2000-397245 **27 Dec/déc 2000** JP **(27.12.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DECORATIVE MATERIAL AND DECORATIVE PLATE
• MATERIAU ET PLAQUE DECORATIFS

(71) **IBIDEN CO., LTD.** [JP/JP]; 1, Kandamachi 2-chome, Ogaki-shi, Gifu 501-0917 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OSUMI, Shiro** [JP/JP]; c/o IBIDEN CO., LTD. Aoyagi-kojyo, 300, Aoyagi-cho, Ogaki-shi, Gifu 503-0961 (JP). **SUGIYAMA, Shigeru** [JP/JP]; c/o IBIDEN CO., LTD. Aoyagi-kojyo, 300, Aoyagi-cho, Ogaki-shi, Gifu 503-0961 (JP). **UNO, Takahiro** [JP/JP]; c/o IBIDEN CO., LTD. Aoyagi-kojyo, 300, Aoyagi-cho, Ogaki-shi, Gifu 503-0961 (JP). **YONEYAMA, Kazuo** [JP/JP]; c/o IBIDEN CO., LTD. Aoyagi-kojyo, 300, Aoyagi-cho, Ogaki-shi, Gifu 503-0961 (JP).

(74) **HIROE, Takenori**; 631-7, Masaki-Kurifune, Gifu-shi, Gifu 502-0857 (JP).

(81) CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B32B 27/02**

(11) **WO 01/70497** (13) A2

(21) PCT/US01/07451

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) en (26) en

(30) 09/527,412 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CO-EXTRUDED BALE WRAP
• ENVELOPPE DE BALLES COEXTRUDEE

(71) **TREDEGAR FILM PRODUCTS CORPORATION** [US/US]; 1100 Boulders Parkway, Richmond, VA 23225 (US).

(72) **MIDDLESWORTH, Jeffrey, A.**; 116 West Maple Avenue, Wauconda, IL 60084 (US). **SCHMIDT, Vi, N.**; 21496 Greenwood Drive, Kildeer, IL 60047 (US).

(74) **MUSSELMAN, Weston, P., Jr.**; Jenkens & Gilchrist, P.C., 1445 Ross Avenue, Suite 3200, Dallas, TX 75202-2799 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B32B 27/04**

(11) **WO 01/70498** (13) A1

(21) PCT/AT01/00075

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) de (26) de

(30) A 482/2000 **22 Mar/mar 2000** AT **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • THERMOFORMABLE COMPOSITE MATERIAL
• MATERIAU COMPOSITE THERMODEFORMABLE

(71, 72) **DREIER, Werner** [AT/AT]; Hauptplatz 8, A-9100 Völkermarkt (AT).
(only for / seulement pour US)

(74) **SONN, Helmut** et al. / etc.; Riemergasse 14, A-1010 Wien (AT).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B32B 27/12, B60R 13/08, G10K 11/168, E04B 1/84**

(11) **WO 01/70499** (13) A1

(21) PCT/EP01/03047

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) de (26) de

(30) 200 04 796.5 **16 Mar/mar 2000** DE **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SOUND-ABSORBING ELEMENT
• ELEMENT INSONORISANT

(71) **PLASTOCELL KUNSTSTOFF GMBH** [DE/DE]; Mühlweg 1, 67105 Schifferstadt (DE).

(72) **RUFFER, Helmut**; Haarder Strasse 28c, D-67433 Neustadt/Weinstr. (DE). **STATTER, Uwe**; Stückel-Ecker-Weg 3, D-69168 Wiesloch (DE).

(74) **SCHMITT, Meinrad**; Reble, Klose & Schmitt, Patent + Marken, Postfach 12 15 19, 68066 Mannheim (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **B32B 27/32**

(11) **WO 01/70500** (13) A1

(21) PCT/EP01/02858

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 00201022.1 **22 Mar/mar 2000** EP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MULTILAYER HEAT-SHRINKABLE SEALABLE FILMS
• FILMS MULTICOUCHES A FERMETURE THERMORETRACTABLE

(71) **BASELL TECHNOLOGY COMPANY BV** [NL/NL]; Hoeksteen 66, NL-2132 MS Hoofddorp (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JOLY, Anne-Marie** [BE/BE]; Peyerstraat 3D, B-2223 Schriek (Heist O/D Berg) (BE). **BECCARINI, Enrico** [IT/IT]; Via del Parco, 48, I-44100 Ferrara (IT).

(74) **GAVERINI, Gaetano**; Basell Poliolefine Italia S.p.A., Intellectual Property, Via Pergoelsi, 25, I-20124 Milano (IT) et al. / etc.

(81) AU BR CA CN IN JP KR MX NO US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B32B 31/18, E21C 47/00**

(11) **WO 01/70501** (13) A1

(21) PCT/US01/40321

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/528,767 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • APPARATUS FOR REMOVING A FLOOR COVERING
• DISPOSITIF POUR DEPOSE D'UN REVETEMENT DE SOL

(71, 72) **POPE, Donald, A.** [US/US]; 118 South Cherry Street, Ocilla, GA 31774 (US).

(74) **BELLAMY, Brian, D.**; P.O. Box 1997, Thomasville, GA 31799-1997 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B41C 1/10, B41M 5/36**

(11) **WO 01/70502** (13) A2

(21) PCT/US01/08802

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/531,117 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PLANOGRAPHIC THERMAL PROCESSLESS IMAGING MEMBER AND METHODS OF USE
• ELEMENT D'IMAGERIE THERMIQUE PLANOGRAPHIQUE SANS TRAITEMENT ET SES PROCEDES D'UTILISATION

(71) **KODAK POLYCHROME GRAPHICS CO. LTD.** [BB/US]; 401 Merritt 7, Norwalk, CT 06851 (US).

(72) **BURBERRY, Mitchell, S.**; c/o Eastman Kodak Company, 343 State Street, Rochester, NY 14650 (US). **BAILEY, David, B.**; c/o Eastman Kodak Company, 343 State Street, Rochester, NY 14650 (US).

(74) **SORELL, Louis, S.** et al. / etc.; Baker & Botts LLP, 30 Rockefeller Plaza, New York, NY 10112-0228 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B41C 1/14, G03F 1/00, 7/12**

(11) **WO 01/70503** (13) A1

(21) PCT/IT00/00105

(22) **24 Mar/mar 2000 (24.03.2000)**

(25) it (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR CENTERED SCREEN PRINTING AND APPARATUS
• PROCEDE ET APPAREIL DE SERIGRAPHIE CENTREE

(71) **F.LLI ROBUSTELLI SRL** [IT/IT]; Via Firenze, 3, I-22079 Villaguardia (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROBUSTELLI, Valerio** [IT/IT]; Via Firenze, 3, I-220978 villaguardia (IT).

(74) **FARNESE, Giuseppe** et al. / etc.; Studio Brevetti Internazionale, Via S. Marco, 10, I-29100 Piacenza (IT).

(81) AE AU BG BR CA CN CZ EE GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS MD MG MN MW MX NO NZ PL SD SG SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B41F 17/00**

(11) **WO 01/70504** (13) A1

(21) PCT/SE01/00575

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) sv (26) en

(30) 0001025-6 **21 Mar/mar 2000** SE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF PAD PRINTING ON A DETAIL
• PROCEDE DE TAMPOGRAPHIE SUR UN DETAIL

(71, 72) **ERIKSSON, Lars** [SE/SE]; Sveagatan 50, S-361 31 Emmaboda (SE).

(74) **BJELKSTAM, Peter**; Rådjursvägen 11, S-131 42 Nacka (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B41F 27/10**

(11) **WO 01/70505** (13) A2

(21) PCT/US01/06125

(22) **26 Feb/fév 2001 (26.02.2001)**

(25) en (26) en

(30) 09/528,076 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 09/564,320 **3 May/mai 2000** US **(03.05.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BRIDGE MANDREL FOR FLEXOGRAPHIC PRINTING SYSTEMS
• MANDRIN EN PONT POUR SYSTEMES D'IMPRESSION FLEXOGRAPHIQUES

(71) **DAY INTERNATIONAL, INC.** [US/US]; 130 West Second Street, Dayton, OH 45402 (US).

(72) **BUSSHOFF, Mario**; Adlerweg 28, 48683 Town Ahaus (DE).

(74) **HAGAN, Timothy, W.** et al. / etc.; Killworth, Gottman, Hagan & Schaeff, L.L.P., One Dayton Centre, Suite 500, One South Main Street, Dayton, OH 45402-2023 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B41J 2/00**

(11) **WO 01/70506** (13) A2

(21) PCT/GB01/01294

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 0007086.2 **23 Mar/mar 2000** GB **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEPOSITION OF SOLUBLE MATERIALS

- DEPOSITION DE MATERIAUX SOLUBLES

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP). **UNIVERSITY OF CAMBRIDGE** [GB/GB]; Trumpington Street, Cambridge CB2 1PZ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAWASE, Takeo** [JP/GB]; Sheraton House, Castle Park, Cambridge CB3 0AX (GB).

(74) **STURT, Clifford, Mark**; Miller Sturt Kenyon, 9 John Street, London WC1N 2ES (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B41J 5/10, 5/12, 5/14, 5/16**

(11) **WO 01/70507** (13) A1

(21) PCT/US01/08424

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/528,309 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- SPILL RESISTANT KEYBOARD
- CLAVIER RESISTANT AUX DEVERSEMENTS

(71) **NMB (USA), INC.** [US/US]; 9730 Independence Avenue, Chatsworth, CA 91311 (US).

(72) **TAKEDA, Toshisada**; 2716 Simi Hills Lane, Simi Valley, CA 93063 (US). **TAKAHASHI, Nobuyuki**; 7-21 Sugasawa-Cho, Tsurumi-Ku, Yokohama-Shi, Kanagawa (JP).

(74) **ANGOTTI, Donna** et al. / etc.; Schulte Roth & Zabel LLP, 919 Third Avenue, New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B41M**

(11) **WO 01/70508** (13) A2

(21) PCT/US01/08816

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/190,840 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- PREPARATION OF LIGHT-EMITTING, HIGHLY REFLECTIVE AND/OR METALLIC-LOOKING IMAGES ON A SUBSTRATE SURFACE
- PREPARATION D'IMAGES EMETTRICES DE LUMIERE, TRES REFLECHISSANTES, ET/OU D'APPARENCE METALLIQUE SUR UNE SURFACE DE SUBSTRAT

(71) **SRI INTERNATIONAL** [US/US]; 333 Ravenswood Avenue, Menlo Park, CA 94025 (US).

(72) **NIGAM, Asutosh**; 4506 Amiens Avenue, Fremont, CA 94555 (US).

(74) **REED, Dianne, E.**; Reed & Associates, Suite 210, 800 Menlo Avenue, Menlo Park, CA 94025 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B41M 5/00**

(11) **WO 01/70509** (13) A1

(21) PCT/GB01/01263

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 0006891.6 **23 Mar/mar 2000** GB **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- COATING COMPOSITION
- COMPOSITION DE REVETEMENT

(71) **ARJOBEX LIMITED** [GB/GB]; BP House, Breakspear Way, Hemel Hempstead, Hertfordshire HP2 4UL (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHEPHERD, John, Victor** [GB/GB]; 4 Perry Lane, Langham, Colchester, Essex CO4 5PH (GB).

(74) **SMITH, Julian, Philip, Howard**; BP International Limited, Patents & Agreements, Chertsey Road, Sunbury-on-Thames, Middlesex TW16 7LN (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Published / Publiée : *(c)*

Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(u) for / pour US only / seulement

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(51)[7] **B41M 5/00**

(11) **WO 01/70510** (13) A1

(21) PCT/JP01/01933

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 2000-076845 **17 Mar/mar 2000** JP **(17.03.2000)**

(30) 2000-283246 **19 Sep/sep 2000** JP **(19.09.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- INK JET-RECORDING MEDIUM AND METHOD FOR PRODUCING THE SAME
- SUPPORT D'ENREGISTREMENT À JET D'ENCRE ET PROCÉDÉ DE PRODUCTION

(71) **HITACHI MAXELL, LTD.** [JP/JP]; 1-88, Ushitora 1-chome, Ibaraki-shi, Osaka 567-8567 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOHNO, Kenji** [JP/JP]; c/o Hitachi Maxell, Ltd. Intellectual Property Department, 6-20-1, Kinunodai, Yawara-mura, Tsukuba-gun, Ibaraki 300-2496 (JP). **OHTANI, Noriaki** [JP/JP]; c/o Hitachi Maxell, Ltd. Intellectual Property Department, 6-20-1, kinunodai, Yawara-mura, Tsukuba-gun, Ibaraki 300-2496 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **B41M 5/00**

(11) **WO 01/70511** (13) A2

(21) PCT/US01/08775

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/528,840 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- LOW VOLUME ABLATABLE PROCESSLESS IMAGING MEMBER AND METHOD OF USE
- ELEMENT D'IMAGERIE SANS TRAITEMENT POUVANT SUBIR UNE ABLATION DE FAIBLE VOLUME ET SON UTILISATION

(71) **KODAK POLYCHROME GRAPHICS CO., LTD.** [BB/US]; 401 Merritt 7, Norwalk, CT 06851 (US).

(72) **BURBERRY, Mitchell, S.**; Eastman Kodak Company, 343 State Street, Rochester, NY 14650 (US). **BAILEY, David, B.**; Eastman Kodak Company, 343 State Street, Rochester, NY 14650 (US).

(74) **SORELL, Louis, S.** et al. / etc.; Baker Botts, LLP, 30 Rockefeller Plaza, New York, NY 10112-0228 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B41N 10/04, 10/06**

(11) **WO 01/70512** (13) A1

(21) PCT/US01/08280

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 60/190,948 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FLEXIBLE IMAGE TRANSFER BLANKET HAVING NON-EXTENSIBLE BACKING
• BLANCHET SOUPLE DE TRANSFERT D'IMAGE POSSEDANT UN RENFORCEMENT NON EXTENSIBLE

(71) **DAY INTERNATIONAL, INC.** [US/US]; 130 West Second Street, Dayton, OH 45402 (US).

(72) **ANDREW, Robert, L.**; 2141 Wayles Court, Gastonia, NC 28054 (US). **LOYER, Philip, K.**; 175 Rolling Green Drive, Waynesville, NC 28786 (US). **KOPECKY, Dawn**; 1480 Fourth Street, Port Edwards, WI 54469 (US). **MCLEAN, Michael, E.**; 7 Masters Crest Court, Etowah, NC 28729 (US). **DZIERZYNSKI, Edward, P.**; P.O. Box 1146, Skyland, NC 28776 (US). **WOLTERS, Dennis, R.**; 2518 Fairmont Avenue, Dayton, OH 45419 (US).

(74) **HAGAN, Timothy, W.** et al. / etc.; Killworth, Gottman, Hagan & Schaeff, L.L.P., One Dayton Centre - Suite 500, One South Main Street, Dayton, OH 45402-2023 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B42B 5/12**

(11) **WO 01/70513** (13) A2

(21) PCT/US01/08659

(22) **17 Mar/mar 2001 (17.03.2001)**

(25) en (26) en

(30) 09/528,481 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SPOOLER FOR SPIRAL COIL BINDING ELEMENT
• BOBINEUSE POUR ELEMENT DE RELIURE SPIRALE

(71) **SPIRATECH, Inc.** [US/US]; 11624 President Drive, Boise, ID 83713 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILSON, Cory** [US/US]; 11624 President Drive, Boise, ID 83713 (US). **LUNDAHL, Dewey** [US/US]; P.O. Box 1425, Orem, UT 84059 (US).

(74) **PEDERSEN, Ken** et al. / etc.; Pedersen & Company, PLLC, P.O. Box 2666, Boise, ID 83701-2666 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B42D 5/04**

(11) **WO 01/70514** (13) A2

(21) PCT/PL01/00004

(22) **17 Jan/jan 2001 (17.01.2001)**

(25) en (26) en

(30) P.339154 **22 Mar/mar 2000** PL **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ILLUSTRATED CALENDAR
• CALENDRIER ILLUSTRE

(71, 72) **CHRUSCIANY, Leszek** [PL/PL]; ul. Konwalii 23, PL-75-813 Koszalin (PL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B43K 5/18, 7/10, 8/04**

(11) **WO 01/70515** (13) A1

(21) PCT/JP01/02293

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) ja (26) ja

(30) 2000-80214 **22 Mar/mar 2000** JP **(22.03.2000)**

(30) 2000-366494 **1 Dec/déc 2000** JP **(01.12.2000)**

(30) 2000-366495 **1 Dec/déc 2000** JP **(01.12.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • WRITING IMPLEMENT
• ACCESSOIRE D'ECRITURE

(71) **MITSUBISHI PENCIL KABUSHIKIKAISHA** [JP/JP]; 23-37, Higashiooi 5-chome, Shinagawa-ku, Tokyo 140-0011 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IIDA, Hisashi** [JP/JP]; c/o MITSUBISHI PENCIL KABUSHIKIKAISHA, Yokohama Research and Development Center, 5-12, Irie 2-chome, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0014 (JP). **OKUMURA, Shigeru** [JP/JP]; c/o MITSUBISHI PENCIL KABUSHIKIKAISHA, Yokohama Research and Development Center, 5-12, Irie 2-chome, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0014 (JP).

(74) **KITAMURA, Hitoshi**; 4th Floor, Oumikaikan Building, 3-7, Higashi-Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B44B 5/02, A44C 21/00**

(11) **WO 01/70516** (13) A2

(21) PCT/NL01/00230

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) nl (26) en

(30) 1014733 **23 Mar/mar 2000** NL **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DIE FOR COINS OR MEDALS, METHOD FOR ITS PRODUCTION, AND COIN OR MEDAL
• MATRICE DESTINEE A DES PIECES DE MONNAIE ET A DES MEDAILLES, PROCEDE DE FABRICATION, PIECE DE MONNAIE OU MEDAILLE

(71) **KONINKLIJKE NEDERLANDSE MUNT N.V.** [NL/NL]; P.O. Box 2407, NL-3500 GK Utrecht (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BARGEMAN, Gerrit** [NL/NL]; Mendelssohnstraat 78, NL-3533 XJ Utrecht (NL).

(74) **JORRITSMA, Ruurd**; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B44C 1/22, H01L 21/00**

(11) **WO 01/70517** (13) A1

(21) PCT/US01/05822

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,098 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HIGH SPEED STRIPPING FOR DAMAGED PHOTORESIST
• DECAPAGE ULTRA-RAPIDE POUR RESINE PHOTOSENSIBLE ENDOMMAGEE

(71) **TOKYO ELECTRON LIMITED** [JP/JP]; TBS Broadcast Center, 3-6 Akasaka 5-chome, Minato-ku, Tokyo 107 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JOHNSON, Wayne, L.** [US/US]; 13658 S. 32nd Street, Phoenix, AZ 85044 (US).

(74) **CASEY, Michael, R.**; Oblon, Spivak, McClelland, Maier & Neustadt, P.C., Suite 400, 1755 Jefferson Davis Highway, Arlington, VA 22202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B44C 3/02**

(11) **WO 01/70518** (13) A1

(21) PCT/JP01/01815

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) ja (26) ja

(30) 2000-121747 **21 Mar/mar 2000** JP **(21.03.2000)**

(30) 2000-183708 **17 May/mai 2000** JP **(17.05.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • UNIDIRECTIONALLY SEE-THROUGH DECORATIVE FILMS
• FILMS DECORATIFS TRANSPARENTS UNIDIRECTIONNELLEMENT

(71, 72) **FURUKAWA, Ken-ichi** [JP/JP]; 1-11-13, Yukarigaoka, Sakura-shi, Chiba 285-0858 (JP).

(74) **OHIE, Kunihisa** et al. / etc.; Ohie Patent Office, Horiguchi No. 2 Bldg., 7F, 2-6, Nihonbashi-Ningyocho 2-chome, Chuo-ku, Tokyo 103-0013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B60C 11/16, 11/18**

(11) **WO 01/70519** (13) A1

(21) PCT/JP00/01661

(22) **17 Mar/mar 2000 (17.03.2000)**

(25) ja (26) ja

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PNEUMATIC TIRE
• PNEUMATIQUE

(71, 72) **TAKAHASHI, Hiroyoshi** [JP/JP]; Nihon Creation Co., Ltd., 180 Katsuzawa-cho, Maebashi-shi, Gumma 371-0124 (JP).

(74) **UMEDA, Akihiko**; No.3 Seiko Building 7F, 6-10, Akasaka 3-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **B60C 23/04**

(11) **WO 01/70520** (13) A1

(21) PCT/EP01/01175

(22) **3 Feb/fév 2001 (03.02.2001)**

(25) de (26) de

(30) 100 14 949.9 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEVICE MOUNTED ON VEHICLES WITH PNEUMATIC-TIRED WHEELS, FOR USE IN A TIRE PRESSURE MONITORING SYSTEM
• DISPOSITIF CONÇU POUR DES VEHICULES A ROUES POURVUES DE PNEUMATIQUES ET DESTINE A UN SYSTEME DE SURVEILLANCE DE LA PRESSION DES PNEUS

(71) **BERU AKTIENGESELLSCHAFT** [DE/DE]; Mörikestrasse 155, 71636 Ludwigsburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NORMANN, Norbert** [DE/DE]; Panoramastrasse 12, 75223 Niefern-Öschelbronn (DE). **SCHULZE, Gunter, Lothar** [DE/DE]; Lutherstrasse 3, 75228 Ispringen (DE).

(74) **TWELMEIER, Ulrich** et al. / etc.; Zerrennerstrasse 23-25, 75172 Pforzheim (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B60C 23/10**

(11) **WO 01/70521** (13) A1

(21) PCT/US01/07021

(22) **6 Mar/mar 2001 (06.03.2001)**

(25) en (26) en

(30) 09/527,732 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AUTOMATIC TIRE INFLATION SYSTEM WITH BOOSTER PUMP
• SYSTEME AUTOMATIQUE DE GONFLAGE DE PNEUS COMPRENANT UNE POMPE DE SURPRESSION

(71) **EQUALAIRE SYSTEMS, INC.** [US/US]; 1414 Corn Products Road, Corpus Christi, TX 78409 (US).

(72) **SOWATZKE, Kent, Andrew**; 16845 Evergreen Terrace, Lockport, IL 60441 (US). **SONZALA, Frank, Joseph**; 119 Mountain Echo, San Antonio, TX 78258 (US). **HENNIG, Mark, Kevin**; 13942 Cabana North, Corpus Christi, TX 78418 (US).

(74) **STOUT, William, A.**; Fulbright & Jaworski L.L.P., Suite 5100, 1301 McKinney, Houston, TX 77010 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B60D 1/24**

(11) **WO 01/70522** (13) A1

(21) PCT/US01/40347

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/191,218 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TOWING MECHANISM
• MECANISME DE REMORQUAGE

(71, 72) **TEEPLE, Robert, A.** [US/US]; 6724 W. US Highway 6, Gibsonburg, OH 43431 (US).

(74) **FRASER, Donald, R.**; MacMillan, Sobanski & Todd, LLC, One Maritima Plaza, Fourth Floor, 720 Water Street, Toledo, OH 43604-1853 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B60G 5/02**

(11) **WO 01/70523** (13) A1

(21) PCT/US01/07765

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 09/528,626 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AXLE SUSPENSION CONNECTION
• LIAISON POUR SUSPENSION D'ESSIEU

(71) **THE BOLER COMPANY** [US/US]; 500 Park Boulevard, Itasca, IL 60143 (US).

(72) **SCULLY, Robert, M.**; 7411 Winwood Way #4, Downers Grove, IL 60516-4034 (US).

(74) **MCGEE, Michael, J.**; Cook, Alex, McFarron, Manzo, Cummings & Mehler, Ltd., Suite 2850, 200 West Adams, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU (Petty patent) AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B60G 7/02, 9/00, 11/27, B62D 29/00, 21/00, 17/00**

(11) **WO 01/70524** (13) A2

(21) PCT/US01/40339

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/191,168 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ALUMINUM FRAME HANGER FOR AXLE/SUSPENSION SYSTEMS
• DISPOSITIF DE SUSPENSION DE CHASSIS EN ALUMINIUM POUR SYSTEMES D'AXE/SUSPENSION

(71) **THE BOLER COMPANY** [US/US]; Suite 1010, 500 Park Boulevard, Itasca, IL 60143-1285 (US).

(72) **RAMSEY, John, E.**; 5048 Sherman Church Avenue S.W., Canton, OH 44706 (US). **FABRIS, Eric, W.**; 591 Letchworth Drive, Akron, OH 44303 (US).

(74) **DURESKA, David, P.**; Buckingham, Doolittle & Burroughs, LLP, 4518 Fulton Drive NW, P.O. Box 35548, Canton, OH 44735-5548 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B60G 9/02**

(11) **WO 01/70525** (13) A1

(21) PCT/US01/09543

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/191,178 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ADJUSTABLE REBOUND STOP FOR AXLE/SUSPENSION SYSTEMS
• BUTEE DE REBOND REGLABLE POUR SYSTEMES D'ESSIEU-SUSPENSION

(71) **THE BOLER COMPANY** [US/US]; Suite 1010, 500 Park Boulevard, Itasca, IL 60143-1285 (US).

(72) **FABRIS, Eric, W.**; 591 Letchworth Drive, Akron, OH 44303 (US).

(74) **DURESKA, David, P.**; Buckingham, Doolittle & Burroughs, LLP, 4518 Fulton Drive NW, P.O. Box 35548, Canton, OH 44735-5548 (US).

(81) CA MX.

Published / Publiée : *(c)*

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(51)[7] **B60G 17/015, 17/052, 11/28, B61F 5/10, F16F 9/05, G01B 21/00**

(11) **WO 01/70526** (13) A1

(21) PCT/DE01/00858

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) de (26) de

(30) 100 13 490.4 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PNEUMATIC SHOCK-ABSORBER
• AMORTISSEUR PNEUMATIQUE A CAPTEUR DE HAUTEUR

(71) **INTECH THÜRINGEN GMBH** [DE/DE]; Eisenacher Landstrasse 70, 99880 Waltershausen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FOERSTER, Günther** [DE/DE]; Danziger Strasse 20, 21406 Melbeck (DE). **HEIBER, Uwe** [DE/DE]; Bukarester Str. 47, 99091 Erfurt (DE). **KLATT, Karsten** [DE/DE]; 18.-März-Strasse 8, 99867 Gotha (DE).

(81) AU BR CA CN CZ HU IN JP KR MX PL RU SK UA US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B60G 21/05, 11/60**

(11) **WO 01/70527** (13) A1

(21) PCT/FR01/00706

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) fr (26) fr

(30) 00/03633 **22 Mar/mar 2000** FR **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • VEHICLE AXLE CROSSPIECE WITH ANTI-ROLL ARTICULATIONS AND VEHICLE AXLE COMPRISING SAME
• TRAVERSE D'ESSIEU DE VEHICULE AVEC ARTICULATIONS ANTIROULIS ET ESSIEU DE VEHICULE COMPORTANT UNE TELLE TRAVERSE

(71) **VALLOUREC COMPOSANTS AUTOMOBILES VITRY** [FR/FR]; Zone Industrielle Vitry-Marolles, F-51300 Vitry Le François (FR). **COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN-MICHELIN & CIE.** [FR/FR]; 12, cours Sablon, F-63000 Clermont-Ferrand (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BIARD, Vincent** [FR/FR]; Place Abbé Daupeyroux, F-63000 Clermont-Ferrand (FR). **BLONDELET, Michel** [FR/FR]; Chemin de la Croix Saint Verny, F-63450 Le Crest (FR).

(74) **ABELLO, Michel**; Cabinet Peuscet, 78, avenue Raymond Poincaré, F-75116 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B60H 1/00, 1/22**

(11) **WO 01/70528** (13) A1

(21) PCT/EP01/03103

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) de (26) de

(30) 100 14 011.4 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HEATING SYSTEM FOR HEATING THE PASSENGER COMPARTMENT OF AN AUTOMOBILE
• SYSTEME DE CHAUFFAGE DE L'HABITACLE D'UN VEHICULE A MOTEUR

(71) **WEBASTO THERMOSYSTEME INTERNATIONAL GMBH** [DE/DE]; Kraillinger Strasse 5, 82131 Stockdorf (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **STEMMLER, Martin** [DE/DE]; Wessobrunner Ring 47, 86929 Penzing (DE). **LANZL, Ingrid** [DE/DE]; Augustenstrasse 43, 80333 München (DE).

(74) **WIESE, Gerhard**; Wiese & Konnerth, Georgenstr. 6, 82152 Planegg (DE).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **B60H 1/00**

(11) **WO 01/70529** (13) A1

(21) PCT/US01/08162

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 09/532,430 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FABRIC FOR DIVERTING AIR FLOW IN AUTOMOTIVE AIR CONDITIONING SYSTEMS
• TISSU DESTINE A DETOURNER UN FLUX D'AIR DANS DES CLIMATISEURS POUR AUTOMOBILES

(71) **MILLIKEN & COMPANY** [US/US]; 920 Milliken Road, Spartanburg, SC 29303 (US).

(72) **MORRIS, David, D.**; 7 Preswick Park Drive, Newnan, GA 30265 (US). **LI, Shulong**; 204 Woodgrove Trace, Spartanburg, SC 29301 (US). **HANEBURGER, Jules, A.**; 95 Fawn Ridge, Newnan, GA 30265 (US).

(74) **BACON, Jeffery, E.**; Milliken & Company, P.O. Box 1926 (M-495), Spartanburg, SC 29304 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B60H 1/22**

(11) **WO 01/70530** (13) A1

(21) PCT/EP01/02773

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) de (26) de

(30) 100 14 021.1 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HEATING SYSTEM FOR HEATING THE PASSENGER COMPARTMENT OF A MOTOR VEHICLE
• SYSTEME DE CHAUFFAGE PERMETTANT DE CHAUFFER L'INTERIEUR D'UNE AUTOMOBILE

(71) **WEBASTO THERMOSYSTEME INTERNATIONAL GMBH** [DE/DE]; Kraillinger Strasse 5, 82131 Stockdorf (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **STEMMLER, Martin** [DE/DE]; Wessobrunner Ring 47, 86929 Penzing (DE). **LANZL, Ingrid** [DE/DE]; Augustenstrasse 43, 80333 München (DE).

(74) **WIESE, Gerhard**; Wiese & Konnerth, Georgenstrasse 6, 82152 Planegg (DE).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **B60J**

(11) **WO 01/70531** (13) A2

(21) PCT/US01/09120

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/532,987 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HOLD-DOWN LOCKING MECHANISM FOR A FLEXIBLE COVER SYSTEM
• MECANISME DE VERROUILLAGE DE RETENUE POUR UN SYSTEME DE COUVERTURE SOUPLE

(71) **AERO INDUSTRIES, INC.** [US/US]; 3010 West Morris Street, Indianapolis, IN 46241 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HENNING, Steven, A.** [US/US]; 1811 Fisher Avenue, Speedway, IN 46224 (US).

(74) **BECK, Michael, D.** et al. / etc.; Baker & Daniels, Suite 2700, 300 N. Meridian Street, Indianapolis, IN 46204 (US).

(81) CA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B60J 7/08**

(11) **WO 01/70532** (13) A1

(21) PCT/US01/09121

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/532,606 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ACTUATION MECHANISM FOR A TARPING SYSTEM
• MECANISME D'ACTIONNEMENT D'UN SYSTEME DE BACHAGE

(71) **AERO INDUSTRIES, INC.** [US/US]; 3010 West Morris Street, Indianapolis, IN 46241 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HENNING, Steven, A.** [US/US]; 1811 Fisher Avenue, Speedway, IN 46224 (US).

(74) **BECK, Michael, D.** et al. / etc.; Baker & Daniels, Suite 2700, 300 N. Meridian Street, Indianapolis, IN 46204 (US).

(81) CA US.

(84) EA (AM AZ BY KG KZ MD RU TJ TM).

Published / Publiée : *(a)*

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(51)[7] **B60K 6/00**

(11) **WO 01/70533** (13) A2

(21) PCT/JP01/02105

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 2000-78462 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CONTROL DEVICE FOR HYBRID VEHICLE
• DISPOSITIF DE COMMANDE POUR UN VEHICULE HYBRIDE

(71) **NISSAN MOTOR CO., LTD.** [JP/JP]; 2, Takara-cho, Kanagawa-ku, Yokohama shi, Kanagawa 221-0023 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KUBO, Asami** [JP/JP]; 3-1-5-510, Tsurumi-chuo, Tsurumi-ku, Yokohama shi, Kanagawa 230-0051 (JP). **GOTO, Kenichi** [JP/JP]; 2-901, 2777-5, Shimotsuruma, Yamato shi, Kanagawa 242-0001 (JP).

(74) **GOTO, Masaki**; Shoyu-Kaikan, 3-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **B60K 17/04, 7/00, F16H 1/22**

(11) **WO 01/70534** (13) A1

(21) PCT/EP01/03077

(22) **17 Mar/mar 2001 (17.03.2001)**

(25) de (26) de

(30) 100 14 131.5 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • WHEEL DRIVE FOR DRIVING A VEHICLE WHEEL
• MOREDUCTEUR POUR L'ENTRAINEMENT D'UNE ROUE D'UN VEHICULE

(71) **ZF FRIEDRICHSHAFEN AG** [DE/DE]; 88038 Freidrichshafen (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GAZYAKAN, Ünal** [DE/DE]; Peoriastrasse 32, 88045 Friedrichshafen (DE). **WENDL, Harald** [DE/DE]; Ortenburger Strasse 54, 94474 Vilshofen (DE). **ROSKE,**

Michael [DE/DE]; Schubertstrasse 40, 88046 Friedrichshafen (DE). **BACHMANN, Max** [DE/DE]; St. Leonhardstrasse 36, 88339 Bad Baldsee (DE). **BOCH, Peter** [DE/DE]; Hengnau 42, 88142 Wasserburg (DE).

(74) **ZF FRIEDRICHSHAFEN AG**; 88038 Friedrichshafen (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **B60K 17/24, F16C 27/06**

(11) **WO 01/70535** (13) A1

(21) PCT/JP01/02336

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-83629 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CENTER BEARING SUPPORT
• SUPPORT DE PALIER CENTRAL

(71) **NOK-VIBRACOUSTIC CO., LTD** [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) **TATSUMURA, Tsuyoshi** [JP/JP]; c/o Nok-Vibracoustic Co., Ltd, 4-3-1, Tsujido-shinmachi, Fujisawa-shi, Kanagawa 251-0042 (JP).

(74) **NOMOTO, Yoichi**; Terao-Building, 7th floor, 8-4, Nishi-Shinbashi 2-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) AE AG AL AU BA BB BG BR BZ CA CN CO CR CU CZ DM DZ EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX NO NZ PL RO SG SI SK TT UA US UZ VN YU ZA.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B60K 41/04, 41/14, F02D 41/30, 41/02, F16H 61/02**

(11) **WO 01/70536** (13) A1

(21) PCT/DE01/00462

(22) **7 Feb/fév 2001 (07.02.2001)**

(25) de (26) de

(30) 100 14 218.4 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR THE CONTROL OF AN AUTOMATIC GEARBOX DEPENDING UPON THE OPERATING MODE OF AN INTERNAL COMBUSTION ENGINE
• PROCEDE POUR COMMANDER UNE BOITE AUTOMATIQUE EN FONCTION DU MODE DE FONCTIONNEMENT D'UN MOTEUR A COMBUSTION INTERNE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

(72) **KIND, Werner**; Lemberger Weg 7, 71706 Markgroeningen (DE). **HESS, Werner**; Zorndorfer Strasse 23, 70499 Stuttgart (DE). **RIES-MUELLER, Klaus**; Heinsheimer Strasse 47, 74906 Bad Rappenau (DE). **LUH, Joachim**; Eschenweg 2, 74321 Bietigheim-Bissigen (DE).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **B60N 2/20**

(11) **WO 01/70537** (13) A1

(21) PCT/US01/09297

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,712 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A MULTI-POSITIONABLE AND REVERSIBLE SEAT ASSEMBLY
• FAUTEUIL REVERSIBLE A PLUSIEURS POSITIONS

(71) **MAGNA SEATING SYSTEMS, INC.** [CA/CA]; 337 Magna Drive, Aurora, Ontario L4G 7K1 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAME, Omar, D.** [US/US]; 4059 Green Lake Road, West Bloomfield, MI 48324 (US).

(74) **ASHER, Robin, W.** et al. / etc.; Clark Hill PLC, Suite 3500, 500 Woodward Avenue, Detroit, MI 48226-3435 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **B60Q**

(11) **WO 01/70538** (13) A2

(21) PCT/US01/08912

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/528,389 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 09/800,460 **5 Mar/mar 2001** US **(05.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM FOR CONTROLLING EXTERIOR VEHICLE LIGHTS
• SYSTEME DE COMMANDE DES LUMIERES EXTERIEURES D'UN VEHICULE

(71) **GENTEX CORPORATION** [US/US]; 600 North Contennial Street, Zeeland, MI 49464 (US).

(72) **STAM, Joseph, S.**; 345 South Lakeshore Drive, Holland, MI 49424 (US). **BECHTEL, Jon, H.**; 136 Sunrise Drive, Holland, MI 49423 (US). **REESE, Spencer, D.**; 1710 Columbia Avenue, Fort Wayne, IN 46805 (US). **ROBERTS, John, K.**; 1061 Plymouth Avenue, S.E., East Grand Rapids, MI 49506 (US). **TONAR, William, L.**; 40 Cheyenne, Holland, MI 49424 (US). **POE, G., Bruce**; 3175 42nd Street, Hamilton, MI 49419 (US).

(74) **CARRIER, Robert, J.**; Price, Heneveld, Cooper, DeWitt & Litton, 695 Kenmoor, S.E., P.O. BOX 2567, Grand Rapids, Michigan 49501-2567 (US).

(81) AT AU BG BR CA CH CN CZ DE DK ES FI GB GE HU ID IL IN JP KR MX NO NZ PL PT RO RU SE SG SI SK TR UA YU ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B60R 7/04**

(11) **WO 01/70539** (13) A1

(21) PCT/US01/08300

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 09/527,665 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CAMERA MOUNT
• SUPPORT DE CAMERA

(71, 72) **WATKINS, D., Scott** [US/US]; 555 South Old Woodward, Suite 555, Birmingham, MI 48009 (US).

(74) **DAVIS, Carl**; Baker, Donelson, Bearman & Caldwell, Suite 900, Five Concourse Parkway, Atlanta, GA 30328 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B60R 13/06, B60J 5/00**

(11) **WO 01/70540** (13) A1

(21) PCT/JP01/02258

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) ja (26) ja

(30) 2000-79419 **22 Mar/mar 2000** JP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • WEATHER STRIP
• BANDE D'ETANCHEITE

(71) **KINUGAWA RUBBER IND. CO., LTD.** [JP/JP]; 330, Naganuma-cho, Inage-ku, Chiba-shi, Chiba 263-0005 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IKUTA, Kenichi** [JP/JP]; c/o KINUGAWA RUBBER IND. CO., LTD., 330, Naganuma-cho, Inage-ku, Chiba-shi, Chiba 263-0005 (JP).

(74) **SHIGA, Fujiya**; c/o Shiga Patent Office, Ekisaikai Bldg., 1-29, Akashi-cho, Chuo-ku, Tokyo 104-0044 (JP).

(81) CA MX US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B60R 19/48, A01D 34/00**

(11) **WO 01/70541** (13) A1

(21) PCT/IL01/00254

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/531,393 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TACTILE SENSOR
• DETECTEUR TACTILE

(71) **FRIENDLY ROBOTICS LTD.** [IL/IL]; P.O. Box 3777, 60920 Kadima (IL).

(72) **LEVIN, Shalom**; Mishol Hagfanim 16, 30300 Atlit (IL). **ABRAMSON, Shai**; Haerez 4, 42815 Pardesia (IL).

(74) **LANGER, Edward**; POB 410, 43103 Ra'anana (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B60R 21/12**

(11) **WO 01/70542** (13) A1

(21) PCT/EP01/02941

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) fr (26) fr

(30) 00/03689 **21 Mar/mar 2000** FR **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FLAP ACCESSORY
• ACCESSOIRE POUR FLAP

(71) **SOCIETE DE TECHNOLOGIE MICHELIN** [FR/FR]; 23, rue Breschet, F-63000 Clermont-Ferrand Cedex 09 (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) **GIRARD, Dominique** [FR/FR]; 11, chemin des Duyaux, F-63119 Chateaugay (FR).

(74) **DIERNAZ, Christian**; Michelin & Cie, Service SGD/LG/PI-LAD, F-63040 Clermont-Ferrand Cedex 09 (FR).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B60R 21/16**

(11) **WO 01/70543** (13) A1

(21) PCT/US01/00200

(22) **4 Jan/jan 2001 (04.01.2001)**

(25) en (26) en

(30) 09/528,967 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AIRBAG WITH REDUCED GAS LEAKAGE
• COUSSIN GONFLABLE A FUITE DE GAZ REDUITE

(71) **BREED AUTOMOTIVE TECHNOLOGY, INC.** [US/US]; P.O. Box 33050, Lakeland, FL 33807-3050 (US).

(72) **WIPASURAMONTON, Pongdet, P.**; 311 Elm Street, Rochester, MI 48307 (US). **TOBIAN, Robert**; 48571 Sugarbush Road, New Baltimore, MI 48047 (US).

(74) **DRAYER, Lonnie, R.**; Breed Automotive Technology, Inc., P.O. Box 33050, Lakeland, FL 33807-3050 (US) et al. / etc.

(81) AT AU BR CA CN CZ DE DK ES FI GB HU ID IN JP KR MX NO NZ PL PT RU SE TR YU ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B60R 21/20**

(11) **WO 01/70544** (13) A1

(21) PCT/SE01/00571

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 0006694.4 **20 Mar/mar 2000** GB **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A METHOD OF FOLDING AN AIR-BAG, AN APPARATUS FOR FOLDING AN AIR-BAG BY THE METHOD AND A FOLDED AIR-BAG
• PROCEDE ET DISPOSITIF DE PLIAGE D'UN COUSSIN GONFLABLE DE SECURITE, ET COUSSIN GONFLABLE DE SECURITE PLIE

(71) **AUTOLIV DEVELOPMENT AB** [SE/SE]; S-447 33 Vårgårda (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BILLOCK, Markus** [SE/SE]; Drottninggatan 62C, S-461 33 Trollhättan (SE). **KJELLÉN, Jörgen** [SE/SE]; Kvarnbacken 9, S-441 57 Alingsås (SE).

(74) **MEULLER, Erik**; Autoliv Development AB, S-447 83 Vårgårda (SE).

(81) AU BR CA CN CZ DE JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B60R 21/32, 21/01**

(11) **WO 01/70545** (13) A1

(21) PCT/JP00/01683

(22) **17 Mar/mar 2000 (17.03.2000)**

(25) ja (26) ja

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • IMPACT JUDGEMENT METHOD AND PASSENGER PROTECTION DEVICE
• METHODE D'EVALUATION DE CHOC ET DISPOSITIF DE PROTECTION DES PASSAGERS

(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) **YAMASHITA, Toshiyuki** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) **TAZAWA, Hiroaki** et al. / etc.; Daito Building 7F, 7-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) DE JP KR US.

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(51)[7] **B60R 22/44**

(11) **WO 01/70546** (13) A1

(21) PCT/US00/30728

(22) **9 Nov/nov 2000 (09.11.2000)**

(25) en (26) en

(30) 100 13 869.1 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SEAT BELT RETRACTOR
• DISPOSITIF DE RAPPEL DE CEINTURE DE SECURITE

(71) **BREED AUTOMOTIVE TECHNOLOGY, INC.** [US/US]; P.O. Box 33050, Lakeland, FL 33807-3050 (US).

(72) **SPECHT, Martin**; Im Harl 4, 82340 Feldafing (DE).

(74) **DRAYER, Lonnie, R.**; Breed Automotive Technology, Inc., P.O. Box 33050, Lakeland, FL 33807-3050 (US) et al. / etc.

(81) AT AU BR CA CN CZ DE DK ES FI GB HU ID IN JP KR MX NO NZ PL PT RU SE TR YU ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B60R 22/44, 22/46, 22/28**

(11) **WO 01/70547** (13) A1

(21) PCT/US00/31121

(22) **9 Nov/nov 2000 (09.11.2000)**

(25) en (26) en

(30) 100 13 870.5 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SEAT BELT RETRACTOR
• DISPOSITIF DE RAPPEL DE CEINTURE DE SECURITE

(71) **BREED AUTOMOTIVE TECHNOLOGY, INC.** [US/US]; P.O. Box 33050, Lakeland, FL 33807-3050 (US).

(72) **SPECHT, Martin**; Im Harl 4, 82340 Feldafing (DE).

(74) **DRAYER, Lonnie, R.**; Breed Automotive Technology, Inc., P.O. Box 33050, Lakeland, FL 33807-3050 (US) et al. / etc.

(81) AT AU BR CA CN CZ DE DK ES FI GB HU ID IN JP KR MX NO NZ PL PT RU SE TR YU ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B60S 3/04**

(11) **WO 01/70548** (13) A1

(21) PCT/BR00/00027

(22) **23 Mar/mar 2000 (23.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A DEVICE FOR WASHING THE CHASSIS OF A VEHICLE
• DISPOSITIF DE LAVAGE POUR CHASSIS DE VEHICULE

(71, 72) **BUCK, Marcos** [BR/BR]; Estrada do Espigão, 305, CEP-06700-300 Cotia, SP (BR).

(74) **MARTINEZ Y PELL, Rodolfo, Humberto, Jr.**; Martinez & Kneblewksi S/C Ltda., Avenida dos Carinás, 663 - Moema, CEP-04086-001 São Paulo, SP (BR).

(81) AU BG BY CA CZ GE HU ID IL IN JP KP MX NO NZ PL RO RU SG TR UA US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **B60T 8/00**

(11) **WO 01/70549** (13) A1

(21) PCT/DE01/00364

(22) **31 Jan/jan 2001 (31.01.2001)**

(25) de (26) de

(30) 100 14 220.6 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR DETERMINING THE LATERAL ACCELERATION OF A MOTOR VEHICLE
• PROCEDE POUR DETERMINER L'ACCELERATION TRANSVERSALE D'UN VEHICULE AUTOMOBILE

(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) **WETZEL, Gabriel** [FR/DE]; Brackenheimer Strasse 31, D-70435 Stuttgart (DE). **FAYE, Ian** [US/DE]; Parlerstrasse 14, 70192 Stuttgart (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B60T 8/40**

(11) **WO 01/70550** (13) A2

(21) PCT/EP01/03049

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) de (26) de

(30) 100 13 858.6 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PISTON PUMP
• POMPE A PISTON

(71) **CONTINENTAL TEVES AG & CO. OHG** [DE/DE]; Guerickestr. 7, 60488 Frankfurt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HINZ, Axel** [DE/DE]; An der Speichwiese 8b, 61267 Neu-Anspach (DE). **REINARTZ, Hans-Dieter** [DE/DE]; In der Römerstadt 169, 60439 Frankfurt/M (DE). **VOLZ, Peter** [DE/DE]; In den Wingerten 14, 64291 Darmstadt (DE). **VOGEL, Günther** [DE/DE]; Buchschlager Allee 11, 63303 Dreieich (DE). **VIERING, Matthias** [DE/DE]; Barkhausstrasse 22, 64289 Darmstadt (DE). **GREIFF, Uwe** [DE/DE]; Am Römischen Hof 36, 61352 Bad Homburg (DE).

(74) **CONTINENTAL TEVES AG & CO. OHG**; Guerickestr. 7, 60488 Frankfurt (DE).

(81) BR CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B60T 8/44, 13/52**

(11) **WO 01/70551** (13) A1

(21) PCT/EP01/02926

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) de (26) de

(30) 100 13 532.3 **20 Mar/mar 2000** DE **(20.03.2000)**

(30) 100 28 691.7 **9 Jun/juin 2000** DE **(09.06.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • VEHICLE BRAKING SYSTEM WITH A PNEUMATIC BRAKE BOOSTER
• SYSTEME DE FREINAGE AUTOMOBILE AVEC SERVOFREIN PNEUMATIQUE

(71) **CONTINENTAL TEVES AG & CO.OHG** [DE/DE]; Guerickestrasse 7, 60488 Frankfurt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BURGDORF, Jochen** [DE/DE]; Neugasse 11, 63075 Offenbach (DE). **DROTT, Peter** [DE/DE]; Am Kunzengarten 43, 65936 Frankfurt/Main (DE). **VOLZ, Peter** [DE/DE]; In den Wingerten 14, 64291 Darmstadt (DE).

(74) **CONTINENTAL TEVES AG & CO.OHG**; Guerickestrasse 7, 60488 Frankfurt (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **B60T 13/74, H02K 37/06**

(11) **WO 01/70552** (13) A1

(21) PCT/DE00/04378

(22) **9 Dec/déc 2000 (09.12.2000)**

(25) de (26) de

(30) 100 14 226.5 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ELECTROMECHANICAL WHEEL BRAKE DEVICE
• SYSTEME DE FREINAGE ELECTROMECANIQUE DE ROUE

(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) **HILZINGER, Juergen** [DE/DE]; Berghalde 11/1, 71229 Leonberg (DE). **SCHUMANN, Frank** [DE/DE]; Graf-Stadion-Strasse 10, 74357 Boennigheim (DE). **BLOSCH, Georg** [DE/DE]; Frauenstrasse 12, 71711 Murr (DE). **KASTINGER, Guenter** [DE/DE]; Buehnaeckerstrasse 1, 76571 Gaggenau-Sulzbach (DE).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B62B 1/22**

(11) **WO 01/70553** (13) A1

(21) PCT/US01/09184

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,628 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 09/814,209 **21 Mar/mar 2001** US **(21.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HAY BALE LIFTER DEVICE
• DISPOSITIF DE LEVAGE DE BALLES DE FOIN

(71, 72) **AGEE, Jace** [US/US]; HCR 61, Box 52, Alamo, NV 89001 (US). **AGEE, Ruth** [US/US]; HCR 61, Box 52, Alamo, NV 89001 (US).

(74) **MORRISS, Julie, K.** et al. / etc.; Morriss, Bateman, O'Bryant & Compagni, P.C., Suite 300, 5882 South 900 East, Salt Lake City, UT 84121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **B62B 13/12, 17/06**

(11) **WO 01/70554** (13) A1

(21) PCT/DE01/00915

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) de (26) de

(30) 100 13 669.9 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SLEDGE COMPRISING SKI-LIKE RUNNERS THAT CAN BE LAID ON EDGE
• LUGE AVEC PATINS EN FORME DE SKIS POUVANT ETRE PLACES SUR CHANT

(71, 72) **SCHEIB, Rudi** [DE/DE]; Johannes-Weisser-Weg 8, 89081 Ulm (DE).

(74) **HAFT, VON PUTTKAMER, BERNGRUBER, CZYBULKA, KARAKATSANIS**; Franziskanerstrasse 38, 81669 München (DE).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **B62D 5/06, 6/00**

(11) **WO 01/70555** (13) A1

(21) PCT/DE01/00922

(22) **10 Mar/mar 2001 (10.03.2001)**

(25) de (26) de

(30) 100 13 711.3 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • POWER-ASSISTED STEERING SYSTEM OF AN AUTOMOBILE
• SYSTEME DE DIRECTION ASSISTEE POUR VEHICULE A MOTEUR

(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) **WEEBER, Kai** [DE/DE]; Moerikestrasse 20, 71287 Weissach (DE). **MUENZ, Rainer** [DE/DE]; Obstwiesenweg 9, 71254 Ditzingen (DE).

(81) BR CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B62D 7/14, 7/15**

(11) **WO 01/70556** (13) A1

(21) PCT/EP01/02889

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) de (26) de

(30) 100 13 559.5 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MULTIDIRECTIONAL TRANSPORT VEHICLE, ESPECIALLY MULTIDIRECTIONAL STACKERS
• VEHICULE DE TRANSPORT MULTIDIRECTIONNEL, EN PARTICULIER CHARIOT ELEVATEUR MULTIDIRECTIONNEL

(71) **HUBTEX MASCHINENBAU GMBH & CO. KG** [DE/DE]; Industriepark West, Werner-von-Siemens-Strasse 8, 36041 Fulda (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERK, Wolfgang** [DE/DE]; Stangenweg 18, 36367 Wartenberg (DE). **HEGER, Winfried** [DE/DE]; Lindenstrasse 4, 36145 Hofbieber (DE).

(74) **KÖNIG PALGEN SCHUMACHER KLUIN**; Lohengrinstrasse 11, 40549 Düsseldorf (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **B62D 25/04, B60R 22/02**

(11) **WO 01/70557** (13) A1

(21) PCT/EP01/03151

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) de (26) de

(30) 200 05 145.8 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • STRUCTURAL ELEMENT FOR MOUNTING ON A VEHICLE STRUCTURE
• ELEMENT STRUCTUREL A MONTER SUR UNE STRUCTURE DE VEHICULE

(71) **ACTS - ADVANCED CAR TECHNOLOGY SYSTEMS GMBH & CO. KG** [DE/DE]; Kurfürst-Eppstein-Ring, 63877 SAILAUF (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHÜTT, Stephan** [DE/DE]; Hauptstrasse 105, 63773 Goldbach (DE). **ZIEGLOWSKI, Martin** [DE/DE]; Am Rosselrain 7, 63875 Mespelbrunn (DE). **EDO ROS, Manel** [ES/DE]; Aschaffstrasse 36A, 63741 Aschaffenburg (DE).

(74) **PFIZ, Thomas** et al. / etc.; Wolf & Lutz, Hauptmannsreute 93, 70193 Stuttgart (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B62D 25/14, 29/04, B60H 1/00**

(11) **WO 01/70558** (13) A1

(21) PCT/FR01/00807

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) fr (26) fr

(30) 00/03527 **20 Mar/mar 2000** FR **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • STRUCTURAL CROSSBEAM AND METHOD FOR MAKING SAME
• POUTRE TRANSVERSALE STRUCTURANTE ET PROCEDE DE REALISATION

(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) **BEN FREDJ, Mounir** [TN/JP]; 16, Tokugawa Village, 3-10-7, Mejiro Toshima-ku, Tokyo 171-0031 (JP). **DAUSCH, Uwe** [DE/FR]; 57, avenue de la Paix, F-78320 Le Mesnil St Denis (FR).

(74) **GERARD, Michel**; Valeo Climatisation, 8, rue Louis-Lormand, F-78321 La Verrière (FR).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B62D 31/00**

(11) **WO 01/70559** (13) A1

(21) PCT/PT01/00004

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) PT 102440 **23 Mar/mar 2000** PT **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MULTIPURPOSE UTILITY VEHICLE
• VEHICULE UTILITAIRE MULTIFONCTION

(71, 72) **DIAS, José, Ricardo, Barbosa** [PT/PT]; Avenida dos Combatentes da Grande Guerra, 137-R/C Dtº, P-1495-041 Algés (PT).

(74) **PEREIRA DA CRUZ, João**; Rua Vitor Cordon, 14, P-1249-103 Lisboa (PT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B62D 33/06**

(11) **WO 01/70560** (13) A1

(21) PCT/AT01/00078

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) de (26) de

(30) A 456/2000 **20 Mar/mar 2000** AT **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • UTILITY VEHICLE COMPRISING A DRIVER'S CAB WITH AN ELASTIC SUSPENSION
• VEHICULE UTILITAIRE A CABINE DE CONDUITE A SUSPENSION ELASTIQUE

(71) **STEYR DAIMLER PUCH FAHRZEUGTECHNIK AG & CO KG**

[AT/AT]; Liebenauer Hauptstrasse 317, A-8041 Graz (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEITNER, Martin** [AT/AT]; Penz 159, A-4441 Behamberg (AT). **BRAMBERGER, Rudolf** [AT/AT]; Penz 307, A-4441 Behamberg (AT). **ARNBERGER, Alois** [AT/AT]; Brucknerstrasse 7, A-4400 Steyr (AT). **KLUNDER, Remco** [NL/AT]; Karl-Marx-Hof 3, A-4400 Steyr (AT).

(74) **KOVAC, Werner**; Magna Europa AG, 2. Haidequerstrasse 3, A-1111 Wien (AT).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B62J 6/04**

(11) **WO 01/70561** (13) A1

(21) PCT/FR01/00864

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) fr (26) fr

(30) 00/03701 **23 Mar/mar 2000** FR **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CONTACT SUPPORT FOR CYCLE SAFETY DEVICE
• SUPPORT DE CONTACTS POUR DISPOSITIF DE SECURITE DE CYCLES

(71, 72) **GAUTIER, Gérard** [FR/FR]; 19 Villa de la Réunion, F-75016 Paris (FR). **BROQUIN-LACOMBE, Emmanuel** [FR/FR]; 28, rue Edmon Nocard, F-94410 Saint Maurice (FR). **JEULIN, Yves, Michel** [FR/FR]; 8, rue du Dessous des Bergers, F-75013 Paris (FR).

(74) **SOCIETE CIVILE CABINET ECREPONT**; Hennion, Jean-Claude, 27bis, rue du Vieux Faubourg, F-59800 Lille (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B62J 6/12**

(11) **WO 01/70562** (13) A1

(21) PCT/NL01/00232

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) nl (26) en

(30) 1014705 **21 Mar/mar 2000** NL **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LIGHTING DEVICE FOR A PEDAL
• DISPOSITIF D'ECLAIRAGE POUR PEDALE

(71) **KINETRON B.V.** [NL/NL]; Korvelseweg 155A, NL-5025 JD Tilburg (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VROMANS, Frans** [NL/NL]; Pijlijserstraat 25, NL-5041 KC Tilburg (NL). **MEIJER, Bernardus, Johannes** [NL/NL]; Korvelplein 181, NL-5025 JX Tilburg (NL). **KNAPEN, Petrus, Matheus, Josephus** [NL/NL]; Korvelseweg 157, NL-5025 JD Tilburg (NL).

(74) **DE HOOP, Eric**; Octrooibureau Vriesendorp & Gaade, P.O. Box 266, NL-2501 AW Den Haag (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(u) for / pour US only / seulement

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(51)[7] **B62K 25/04, 25/08, 25/30**

(11) **WO 01/70563** (13) A1

(21) PCT/EP01/00074

(22) **5 Jan/jan 2001 (05.01.2001)**

(25) de (26) de

(30) 200 05 224.1 **20 Mar/mar 2000** DE **(20.03.2000)**

(30) 100 25 901.4 **25 May/mai 2000** DE **(25.05.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BICYCLE
• VELO

(71, 72) **FELSL, Andreas** [DE/DE]; Zugspitzstrasse 10, 85540 Haar/Gronsdorf (DE). **ALBRECHT, Stephan** [DE/DE]; Heigenkam 1, 83627 Warngau (DE).

(74) **JEHLE, Volker** et al. / etc.; Patentanwälte Bosch, Graf v. Stosch, Jehle, Postfach 10 02 41, 80076 München (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B63B 35/04, F16L 1/235**

(11) **WO 01/70564** (13) A1

(21) PCT/NL00/00183

(22) **20 Mar/mar 2000 (20.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • APPARATUS AND METHOD FOR DEPLOYING AN OBJECT UNDER WATER
• APPAREIL ET PROCEDE POUR DEPLOYER UN OBJET SOUS L'EAU

(71, 72) **BERNARD, François** [GB/NL]; Willem de Zwijgerlaan 91, NL-2582 EK Den Haag (NL).

(74) **JORRITSMA, Ruurd**; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B63B 35/79, 35/73**

(11) **WO 01/70565** (13) A1

(21) PCT/AU01/00169

(22) **19 Feb/fév 2001 (19.02.2001)**

(25) en (26) en

(30) PQ 6377 **22 Mar/mar 2000** AU **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • REMOVABLE FIN SYSTEM
• SYSTEME DE DERIVES AMOVIBLES

(71) **LOW PRESSURE SYSTEMS PTY LTD.** [AU/AU]; ACN 067-776-176, 12 Edwin Avenue, Avalon, NSW 2107 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DAVEYI, Graeme** [AU/AU]; 12 Edwin Avenue, Avalon, NSW 2107 (AU). **BANKS, Jim** [AU/AU]; 12 Edwin Avenue, Avalon, NSW 2107 (AU). **HARPER, Derek** [AU/AU]; 12 Edwin Avenue, Avalon, NSW 2107 (AU).

(74) **TAYLOR, Paul, Robert**; Paul R. Taylor & Associates, P.O. Box 742, Spit Junction, NSW 2088 (AU).

(81) AU BR JP NZ US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B63B 57/00, 13/00**

(11) **WO 01/70566** (13) A1

(21) PCT/KR00/00588

(22) **7 Jun/juin 2000 (07.06.2000)**

(25) en (26) en

(30) 2000-13987 **20 Mar/mar 2000** KR **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • APPARATUS FOR REMOVING SEDIMENTS FROM BALLAST TANKS OF VESSELS
• DISPOSITIF SERVANT A ENLEVER DES SEDIMENTS DEPUIS DES CITERNES DE BALLAST DE NAVIRES

(71) **HYUNDAI HEAVY INDUSTRIES CO., LTD.** [KR/KR]; 1, Jeonha-Dong, Dong-Ku, Ulsan-Si 682-792 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHOI, Ji-Hoon** [KR/KR]; 409-701, Ssangyongajin Apartment, Cheongok-Dong, Buk-Ku, Ulsan-Si 683-500 (KR). **KIM, Young-Ki** [KR/KR]; 110-1403, Hansung Apartment, 698-2, Pungdukcheon-Ri, Suji-Eup, Yongin-Si, Kyongki-Do 449-840 (KR). **YI, Ho-Sang** [KR/KR]; 305, Royal-haits, 178, 1, Bangbae-Dong, Seocho-Ku, Seoul-Si 137-061 (KR). **LEE, Ki-Ju** [KR/KR]; 102-1302, Kunyoung Apartment, Songjung-Dong, Seongdong-Ku, Seoul-Si 133-160 (KR). **SONG, Yoo-Seok** [KR/KR]; 114-1406, Hyundaidongbufamily Apartment, Dongbu-Dong, Dong-Ku, Ulsan-Si 682-010 (KR). **HA, Jong-Pil** [KR/KR]; 505-305, Pyungchanghyundai Apartment, 1547, Samsan-Dong, Nam-Ku, Ulsan-Si 680-020 (KR). **KIM, Young-Gwon** [KR/KR]; 1-906, Sungwon Apartment, 402-1, Younam-Dong, Buk-Ku, Ulsan-Si 683-370 (KR).

(74) **CHOI, Young-Gyoo**; 8th floor, Heung Yong Bldg., 684-26, Yeoksam-Dong, Kangnam-Gu, Seoul-Si 135-080 (KR).

(81) CN JP PL US.

(84) EP (ES FI FR).

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(51)[7] **B63B 59/08**

(11) **WO 01/70567** (13) A1

(21) PCT/EP01/03230

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) de (26) de

(30) 100 13 997.3 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEVICE FOR CLEANING THE HULL EXTERIOR OF A BOAT
• DISPOSITIF POUR NETTOYER L'EXTERIEUR DE LA COQUE D'UN BATEAU

(71, 72) **REINEKE, Michael** [DE/DE]; Nordkanalallee 2, 41464 Neuss (DE).

(74) **STENGER, WATZKE & RING**; Kaiser-Friedrich-Ring 70, 40547 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B63C 11/42, E21B 41/04**

(11) **WO 01/70568** (13) A1

(21) PCT/NL00/00184

(22) **20 Mar/mar 2000 (20.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • APPARATUS FOR DEPLOYING A LOAD TO AN UNDERWATER TARGET POSITION WITH ENHANCED ACCURACY AND A METHOD TO CONTROL SUCH APPARATUS
• APPAREIL A PRECISION RENFORCEE PERMETTANT L'INSTALLATION D'UNE CHARGE EN UNE POSITION CIBLE SOUS-MARINE ET PROCEDE DE COMMANDE D'UN TEL APPAREIL

(71, 72) **BERNARD, François** [GB/NL]; Willem de Zwijgerlaan 91, NL-2582 EK Den Haag (NL).

(74) **JORRITSMA, Ruurd**; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B63H 5/07, 21/17, 25/48**

(11) **WO 01/70569** (13) A2

(21) PCT/US01/07238

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) en (26) en

(30) 09/531,340 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • STRUT-MOUNTED MARINE PROPULSION UNIT
• ENSEMBLE DE PROPULSION MARIN MONTE SUR UNE JAMBE DE SUPPORT

(71) **ELECTRIC BOAT CORPORATION** [US/US]; 75 Eastern Point Road, Groton, CT 06340-4989 (US).

(72) **QUADRINI, Micheal, A.**; 13 Links Passage, Westerly, RI 02891 (US). **VAN DINE, Pieter**; 40 Overlook Avenue, Mystic, CT 06355 (US).

(74) **HONE, Francis, J.** et al. / etc.; Baker Botts LLP, 30 Rockefeller Plaza, New York, NY 10112-0228 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B64D 9/00, B60P 1/36, B63B 27/22**

(11) **WO 01/70570** (13) A1

(21) PCT/EP01/03142

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) de (26) de

(30) 100 14 447.0 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TRANSPORT SYSTEM FOR CARGO HOLDS
• SYSTEME DE TRANSPORT POUR CHAMBRES DE CHARGEMENT DE MARCHANDISES

(71) **PFALZ-FLUGZEUGWERKE GMBH** [DE/DE]; Am Neuen Rheinhafen 10, 67346 Speyer (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FASSBECK, Ellen** [DE/DE]; Obere Langgasse 20, 67346 Speyer (DE). **LÜTZEL, Andrea** [DE/DE]; Salierstrasse 59, 67105 Schifferstadt (DE). **EITZENBERGER, Berthold** [DE/DE]; Maxstrasse 39, 67059 Ludwigshafen (DE). **HARTMANN, Jürgen** [DE/DE]; Am Rathausplatz 8, 67125 Dannstadt (DE). **HUMMEL, Roland** [DE/DE]; Am Hofgraben 19, 67373 Dudenhofen (DE). **KNEBL, Jürgen** [DE/DE]; Duttweilerstr. 43, 67435 Neustadt (DE). **MAUE, Michael** [DE/DE]; Ziegelofenweg 10, 67346 Speyer (DE). **MONSCHAUER, Guido** [DE/DE]; Ringstr. 22, 54316 Pluwig (DE). **MÜLLER, Peter** [DE/DE]; Albrecht-Dürer-Str. 8, 67346 Speyer (DE). **OETKEN, Axel** [DE/DE]; Bahnhofstr. 24, 27777 Ganderkesee (DE). **OSTERMANN, Ludger** [DE/DE]; Schlesier Str. 11, 67360 Lingenfeld (DE). **VOGT, Hans-Jürgen** [DE/DE]; Alemannenstr. 4, 67105 Schifferstadt (DE). **WEISSMÜLLER, Markus** [DE/DE]; Burgunderstr. 25, 64668 Rimbach (DE).

(74) **Günter, ISENBRUCK**; Bardehle, Pagenberg, Dost, Altenburg, Geissler, Isenbruck, Theodor-Heuss-Anlage 12, 68165 Mannheim (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B64D 17/02, 17/72, 17/34**

(11) **WO 01/70571** (13) A1

(21) PCT/US01/08391

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,653 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PARACHUTE WITH INFLATABLE ENCLOSURE
• PARACHUTE AVEC CAISSONS GONFLABLES

(71, 72) **TOWLEY, Carl, K.** [US/US]; 7924 Green Moss Glen, Severn, MD 21144 (US). **BALENA, Gordon** [CA/US]; 23501

Skyview Terrace, Los Gatos, CA 95033 (US). **OLSON, Greg** [US/US]; 1059 Clover Lane, Owatonna, MN 55060 (US).

(74) **FRESSOLA, Alfred, A.**; Ware, Fressola, Van Der Sluys & Adolphson LLP, Bradford Green, Building Five, 755 Main Street, P.O. Box 224, Monroe, CT (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B64F 1/305**

(11) **WO 01/70572** (13) A1

(21) PCT/CN01/00317

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) zh (26) zh

(30) 00 1 04014.6 **10 Mar/mar 2000** CN **(10.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AN AIR PASSENGER BRIDGE DEVICE WITH THE PASSAGE AND THE BEARING STRUCTURE APART
• INSTALLATION D'EMBARQUEMENT PRESENTANT DES STRUCTURES DE PASSAGE ET UNE OSSATURE PORTANTE

(71, 72) **WU, Jun** [CN/CN]; No. 11, Block 34 of New Two-Village, Wudong Street, Qingshan District, Wuhan City, Hubei Province 430084 (CN).

(74) **LUNG TIN INT'L PATENT & TRADEMARK AGENT LTD.**; Suite 504-511, Int'l Enterprises Cooperation Business Tower, No.20, Zhichun Road, Haidian District, Beijing 100088 (CN).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **B64G**

(11) **WO 01/70573** (13) A2

(21) PCT/US01/08777

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/531,810 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PASSIVE, MULTI-AXIS, HIGHLY DAMPED, SHOCK ISOLATION MOUNTS
• SUPPORTS ANTIVIBRATOIRES PASSIFS, A PLUSIEURS AXES, A AMORTISSEMENT ELEVE

(71) **CSA ENGINEERING, INC.** [US/US]; 2565 Leghorn Street, Mountain View, CA 94043-1613 (US).

(72) **WILKE, Paul, S.**; San Jose, CA 95124 (US). **JOHNSON, Conor, D.**; Belmont, CA 94002 (US). **PENDLETON, Scott, C.**; Foster City, CA 94404 (US).

(74) **BREWSTER, Rick, G.**; 1513 Flamingo Way, Sunnyvale, CA 94087 (US).

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)
(t) for the following designations / pour les désignations suivantes : EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

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(51)[7] **B65B 5/10, 23/02**

(11) **WO 01/70574** (13) A1

(21) PCT/SE01/00628

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) sv (26) en

(30) 0001027-2 **23 Mar/mar 2000** SE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND DEVICE FOR LOADING CARTONS IN A CONTAINER
• PROCEDE ET DISPOSITIF DE CHARGEMENT DE CARTONS DANS UN CONTENEUR

(71) **SVENSKA LANTÄGG AB** [SE/SE]; Storsvängen 6, S-532 38 Skara (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANDERSSON, Håkan** [SE/SE]; Kvarnliden 4, S-532 31 Skara (SE).

(74) **HANSSON THYRESSON PATENTBYRÅ AB**; Box 73, S-201 20 Malmö (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B65B 11/00**

(11) **WO 01/70575** (13) A1

(21) PCT/US01/09417

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/533,307 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SPOOL TRANSFER COIL WRAPPING MACHINE
• EMBALLEUSE AVEC BOBINE DE TRANSFERT DE ROULEAU

(71) **INTERGRATED INDUSTRIAL SYSTEMS** [US/US]; 475 Main Street, Yalesville, CT 06492 (US).

(72) **GELFMAN, Roman**; 211-G Brittany Farms Road, New Britain, CT 06053 (US). **SPANAKOS, Chris**; 9 Longmeadow Drive, Wolcott, CT 06716 (US). **PARNES, Melvin, G.**; 86 Phillips Road, Milford, NJ 08848 (US).

(74) **GARVEY, Michael, W.** et al. / etc.; Pearne & Gordon LLP, Suite 1200, 526 Superior Avenue East, Cleveland, OH 44114-1484 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B65B 11/02**

(11) **WO 01/70576** (13) A1

(21) PCT/ES00/00103

(22) **23 Mar/mar 2000 (23.03.2000)**

(25) es (26) es

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • WRAPPING METHOD AND MACHINE FOR IMPLEMENTING SAID METHOD
• PROCEDE DE CONDITIONNEMENT ET MACHINE DESTINEE A LA MISE EN OEUVRE DE CE PROCEDE

(71) **MAS, CONSTRUCCIONES MECANICAS, S.A.** [ES/ES]; Sant Sebastià, E-17455 Caldes de Malavella (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAS MIR, Alex** [ES/ES]; Sant Sebastià, E-17455 Caldes de Malavella (ES).

(74) **CARPINTERO LOPEZ, Francisco**; Herrero & Asociados, S.L., Alcalá, 21, E-28014 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B65B 63/00**

(11) **WO 01/70577** (13) A1

(21) PCT/US01/09567

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,608 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 60/218,220 **14 Jul/juil 2000** US **(14.07.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHODS OF PRODUCING A TERMINALLY STERILIZED TOPICAL PATCH PREPARATION
• PROCEDES DE PRODUCTION D'UNE PREPARATION SE PRESENTANT SOUS FORME DE TIMBRE A APPLICATION LOCALE AYANT SUBI UNE STERILISATION TERMINALE

(71) **TEIKOKU PHARMA USA, INC.** [US/US]; 745-D Camden Avenue, Campbell, CA 95008-4146 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHUDO, Jutaro** [JP/US]; 5026 Lassen Avenue, San Jose, CA 95129 (US). **DUONG, Tu, Xuan** [US/US]; 807 Alcosta Drive, Milpitas, CA 95035 (US). **CALDWELL, Larry** [US/US]; 4146 Cranford Circle, San Jose, CA 95124 (US).

(74) **FIELD, Bret, E.**; Bozicevic, Field & Francis LLP, Suite 200, 200 Middlefield Road, Menlo Park, CA 94035 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B65B 63/04**

(11) **WO 01/70578** (13) A1

(21) PCT/EP01/03402

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) PI2000A000024 **24 Mar/mar 2000** IT **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR AUTOMATIC FOLDING HOSIERY ARTICLES
• PROCEDE ET APPAREIL DESTINES AU PLIAGE AUTOMATIQUE D'ARTICLES DE BONNETERIE

(71) **S.R.A. S.R.L.** [IT/IT]; Via delle Fonti, I-50010 Badia a Settimo (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MANINI, Benito** [IT/IT]; Via Pacini, 43, I-50144 Firenze (IT).

(74) **CELESTINO, Marco**; ABM Agenzia Brevetti & Marchi, Via A. Della Spina, 40, I-56125 Pisa (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B65D**

(11) **WO 01/70579** (13) A2

(21) PCT/BR00/00128

(22) **31 Oct/oct 2000 (31.10.2000)**

(25) en (26) en

(30) PI 0001936-4 **21 Mar/mar 2000** BR **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • IMPROVEMENT INTRODUCED IN LID-SEAL OF METAL CONTAINERS FOR POWDER FOOD OR OTHERS
• PERFECTIONNEMENT PORTANT SUR UN COUVERCLE/SCELLEMENT DE CONTENANTS METALLIQUES D'ALIMENTS EN POUDRE OU AUTRE

(71) **RENNER HERRMANN S.A.** [BR/BR]; Av. Assis Brasil, 3966, CEP-91010-003 Porto Alegre, RS (BR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **THOMAS, Bier, Herrmann** [—/BR]; Av. Assis Brasil, 3966, CEP-91010-003 Porto Alegre, RS (BR).

(74) **FRANCISCO & MINATTI S/C LTDA**; Marcas e Patentes, Rua Com. José Xavier Gouveia, 26, CEP-01319-060 Porto Alegre, RS (BR).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **B65D**

(11) **WO 01/70580** (13) A2

(21) PCT/FI01/00283

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 20000669 **22 Mar/mar 2000** FI **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INNER SACK
• SAC INTERIEUR

(71) **KORSNÄS AB** [SE/SE]; S-801 81 Gävle (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SIEVERS, Valter** [FI/FI]; Mottimiehentie 12, FIN-37603 Valkeakoski (FI). **RIKAS-SAARI, Pentti** [FI/FI]; Leipiäläntie 22, FIN-37600 Valkeakoski (FI).

(74) **BERGGREN OY AB**; P.O. Box 16, FIN-00101 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B65D**

(11) **WO 01/70581** (13) A2

(21) PCT/US01/09084

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/534,273 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TAMPER-PROOF SALE AND METHOD FOR USING SAME
• FERMETURE INVIOLABLE ET PROCEDE D'UTILISATION

(71) **MEDIN CORPORATION** [US/US]; 125 South Street, Passaic, NJ 07055 (US).

(72) **SCHAINHOLZ, Jay, D.**; 250 Gorge Road, #18L, Cliffside Park, NJ 07010 (US). **OGMAN, Eugene**; 104 Smith Ridge Road, South Salem, NY 10590-1921 (US). **SHAMIR, Amos**; 5700 Arlington Avenue, Riverdale, NY 10471 (US).

(74) **COHEN, Robert, C.** et al. / etc.; Lerner, David, Littenberg, Krumholz & Mentlik, LLP, 600 South Avenue West, Westfield, NJ 07090 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Declarations / Déclarations :
(s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations

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(51)[7] **B65D**

(11) **WO 01/70582** (13) A2

(21) PCT/US01/09283

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/528,943 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FOOD CONTAINER FOR USE WITH CUP HOLDER AND A BLANK THEREFOR
• RECIPIENT ALIMENTAIRE S'UTILISANT AVEC UN SUPPORT DE RECIPIENT ET DECOUPE DUDIT RECIPIENT

(71) **ROCK-TENN COMPANY** [US/US]; 504 Thrasher Street, Norcross, GA 30071 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROCCAFORTE, Harry, I.** [US/US]; Apartment 1701, 2800 North Lake Shore Drive, Chicago, IL 60657 (US).

(74) **VIKSNINS, Ann, S.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B65D 6/18**

(11) **WO 01/70583** (13) A1

(21) PCT/NL01/00238

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) nl (26) en

(30) 1014718 **22 Mar/mar 2000** NL **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FOLDABLE CRATE
• CAISSE A CLAIRE-VOIE PLIABLE

(71) **BEEKENKAMP VERPAKKINGEN B.V.** [NL/NL]; Korte Kruisweg 141, NL-2676 ZG Maasdijk (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DE WIT, Justus** [NL/NL]; Gortestraat 40, NL-2311 NM Leiden (NL). **ZUYDERHOUDT, Krijn** [NL/NL]; Nieuwe Rijn 91, NL-2312 JL Leiden (NL).

(74) **'T JONG, Bastiaan, Jacobus**; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B65D 25/10**

(11) **WO 01/70584** (13) A1

(21) PCT/FR00/01548

(22) **6 Jun/juin 2000 (06.06.2000)**

(25) fr (26) fr

(30) 00/03623 **22 Mar/mar 2000** FR **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PACKAGING TRAY CAPABLE OF REUSE AND RECONFIGURATION FOR ELONGATED OBJECTS
• PLATEAU D'EMBALLAGE REUTILISABLE ET RECONFIGURABLE POUR OBJETS ALLONGES

(71, 72) **JOLY, Pierre** [FR/FR]; 106, Grande Rue, F-95630 Mériel (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **B65D 27/34**

(11) **WO 01/70585** (13) A1

(21) PCT/ES01/00111

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) es (26) es

(30) U 200000803 **24 Mar/mar 2000** ES **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • IMPROVED ENVELOPE: OPENING SYSTEM WITH VIOLATION CONTROL
• ENVELOPPE AMELIOREE :SYSTEME D'OUVERTURE AVEC CONTROLE DE VIOLATION

(71, 72) **LOPEZ TRUJILLO, Flavio** [ES/ES]; Calle Pez Volador, 36, Bajo-B, E-28007 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **B65D 41/17, 50/08, B29C 45/40**

(11) **WO 01/70586** (13) A1

(21) PCT/US00/25338

(22) **15 Sep/sep 2000 (15.09.2000)**

(25) en (26) en

(30) 60/189,869 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MOLDED CLOSURE WITH FLEX AREAS AND METHOD
• BOUCHON MOULE ET DOTE DE ZONES FLEXIBLES, ET PROCEDE ASSOCIE

(71) **PECHINEY PLASTIC PACKAGING, INC.** [US/US]; 8770 West Bryn Mawr Avenue, Chicago, IL 60631 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JACKSON, Douglas, J.** [US/US]; 132 Chestnut Drive, Wayne, NJ 07470 (US). **KING, Daniel, L.** [US/US]; 92 Sherman Ridge Road, Sussex, NJ 07461 (US).

(74) **AUDET, Paul, R.**; Ohlandt, Greeley, Ruggiero & Perle, L.L.P., 9th Floor, One Landmark Square, Stamford, CT 06901 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B65D 43/16, 5/54**

(11) **WO 01/70587** (13) A1

(21) PCT/US01/08390

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/527,996 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PAPERBOARD CAN WITH AN INTEGRATED PAPERBOARD LID HAVING A HINGE ON THE LID
• BOITE EN CARTON MUNIE D'UN COUVERCLE INTEGRE EN CARTON COMPORTANT UNE CHARNIERE SUR LEDIT COUVERCLE

(71) **STONE CONTAINER CORPORATION** [US/US]; 150 N. Michigan Avenue, Chicago, IL 60601 (US).

(72) **STEWART, Noel, G.**; 35 Northwood Oak Court, Oxford, GA 30054 (US). **FIELDER, L., David**; 35 Wisteria Drive, Oxford, GA 30054 (US). **HART, Joseph, J.**; 165 Kalos Street, Philadelphia, PA 19128 (US). **ROWLAND, Angela, L.**; 505 Hancock Court, Collegeville, PA 19426 (US). **BARKER, Suzanne, Theresa**; 33308 Brownlow Avenue South, St. Louis Park, MN 55426 (US).

(74) **HARRIS, Richard, D.** et al. / etc.; Law Offices of Dick and Harris, Suite 3800, 181 W. Madison Street, Chicago, IL 60602 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA

(BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **B65D 45/18**

(11) **WO 01/70588** (13) A1

(21) PCT/SE01/00537

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) sv (26) en

(30) 0001035-5 **20 Mar/mar 2000** SE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CONNECTION DEVICE, BOX AND CLAMP
• DISPOSITIF DE RACCORD, BOITE ET COLLIER DE SERRAGE

(71) **FOLDY PAC TRADING AB** [SE/SE]; Box 83, S-730 50 Skultuna (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RÖNNQUIST, Lennart** [SE/SE]; Katthedsvägen 13, S-730 50 Skultuna (SE).

(74) **KARLSSON, Leif** et al. / etc.; L.A. Groth & Co. KB, P.O. Box 6107, S-102 32 Stockholm (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B65D 51/32**

(11) **WO 01/70589** (13) A1

(21) PCT/EP01/03105

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) de (26) de

(30) 200 05 231.4 **20 Mar/mar 2000** DE **(20.03.2000)**

(30) 200 14 730.7 **25 Aug/août 2000** DE **(25.08.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SCREW CAP WITH A BRUSH
• BOUCHON A VIS AVEC PINCEAU

(71, 72) **EPLI, Susanne** [DE/DE]; Oberdorfstrasse 24, 73066 Uhingen (DE).

(74) **FUHLENDORF, Jörn**; Dreiss, Fuhlendorf, Steimle & Becker, Postfach 10 37 62, 70032 Stuttgart (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **B65D 75/36, 75/34**

(11) **WO 01/70590** (13) A1

(21) PCT/US01/08932

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/533,233 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TOOTHBRUSH DISPLAY TRAY
• PLATEAU-PRESENTOIR POUR BROSSES A DENTS

(71) **COLGATE-PALMOLIVE COMPANY** [US/US]; 300 Park Avenue, New York, NY 10022 (US).

(72) **SARKAR, Anand**; 2D/703 Powai Vihar, Powai, 400076 Mumbai (IN). **INGALE, Raju**; 79 Shaniwar Peth, 415110 Karad (IN).

(74) **MC GREAL, Michael, J.**; Colgate-Palmolive Company, 909 River Road, P.O. Box 1343, Piscataway, NJ 08855-1343 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **B65D 81/00, A47G 21/18**

(11) **WO 01/70591** (13) A1

(21) PCT/US01/09171

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/192,243 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INFUSION PACKET WITH USEFUL AND DECORATIVE ELEMENTS, SUPPORT MEMBER, DELIVERY SYSTEM AND METHOD
• PAQUET POUR SACHET A INFUSER PRESENTANT DES ELEMENTS DECORATIFS UTILES, ELEMENT DE SUPPORT, SYSTEME ET PROCEDE DE DISTRIBUTION

(71, 72) **STILLMAN, Suzanne, Jaffe** [US/US]; 264 South Linden Drive, Beverly Hills, CA 90212 (US).

(74) **KIRCHANSKI, Stefan, J.** et al. / etc.; Crosby, Heafey, Roach & May, 1901 Avenue of the Stars, Suite 700, Los Angeles, CA 90067 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B65D 81/05, 85/30**

(11) **WO 01/70592** (13) A1

(21) PCT/US01/08400

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/531,139 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PACKAGING CUSHION AND PACKAGING ASSEMBLIES INCORPORATING SAME
• COUSSIN D'EMBALLAGE ET ENSEMBLES D'EMBALLAGE CORRESPONDANTS

(71) **SEALED AIR CORPORATION (US)** [US/US]; Park 80 East, Saddle Brook, NJ 07663 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FARISON, Brian, Kent** [US/US]; 493 River Road, Gaylordsville, CT 06755 (US).

(74) **RUBLE, Daniel, B.** et al. / etc.; Sealed Air Corporation, P.O. Box 464, 100 Rogers Bridge Road, Duncan, SC 29334 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **B65D 81/05, 85/30**

(11) **WO 01/70593** (13) A1

(21) PCT/US01/08469

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/527,332 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PACKAGING CUSHION AND PACKAGING ASSEMBLIES INCORPORATING SAME
• COUSSIN D'EMBALLAGE ET ENSEMBLES D'EMBALLAGE LE CONTENANT

(71) **SEALED AIR CORPORATION (US)** [US/US]; Park 80 East, Saddle Brooke, NJ 07663 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FARISON, Brian, Kent** [US/US]; 493 River Road, Gaylordsville, CT 06755 (US).

(74) **RUBLE, Daniel, B.** et al. / etc.; Sealed Air Corporation, 100 Rogers Bridge Road, P.O. Box 464, Duncan, SC 29334 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **B65D 83/06, A47G 19/34, G01F 11/26**

(11) **WO 01/70594** (13) A1

(21) PCT/GB01/01245

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0006676.1 **21 Mar/mar 2000** GB **(21.03.2000)**

(30) 0009288.2 **14 Apr/avr 2000** GB **(14.04.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PRECISE DOSING DISPENSER
• DISTRIBUTEUR-DOSEUR PRECIS

(71, 72) **MENELAOU, Xanthos** [GB/GB]; 222A Sydney Road, London N10 2RS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B65D 83/10**

(11) **WO 01/70595** (13) A1

(21) PCT/US01/40341

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/190,821 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SURGICAL NEEDLE IMMOBILIZATION DEVICE
• DISPOSITIF D'IMMOBILISATION D'AIGUILLE CHIRURGICALE

(71) **ATRION MEDICAL PRODUCTS, INC.** [US/US]; 1426 Curt Francis Road, P.O. Box 564, Arab, AL 35016 (US).

(72) **KANNER, Rowland, W.**; 3600 Wyeth Drive, Guntersville, AL 35976 (US). **YOUNG, Larry, Lee**; 847 10th Circle N.E., Arab, AL 35016 (US).

(74) **GIANGIORGI, Richard, A.** et al. / etc.; Trexler, Bushnell, Giangiorgi, Blackstone & Marr, Ltd., Suite 3600, 105 West Adams Street, Chicago, IL 60603 (US).

(81) CA JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **B65D 88/00**

(11) **WO 01/70596** (13) A2

(21) PCT/IB01/00413

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 2000/1410 **20 Mar/mar 2000** ZA **(20.03.2000)**

(30) 508432 **27 Nov/nov 2000** NZ **(27.11.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CONTAINER FOR TRANSPORTING BULK MATERIAL
• CONTENEUR POUR TRANSPORTER DES MATIERES EN VRAC

(71) **VERSATILE CONTAINER HANDLING HOLDINGS (PTY) LTD** [ZA/ZA]; 30 Bird Street, Central Port Elizabeth, 6001 Port Elizabeth (ZA). **STEELBRO NEW ZEALAND LTD** [NZ/NZ]; 1-31 Treffers Road, Sockburn, Christchurch 4 (NZ).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FLEISCHER, Timothy, John** [ZA/ZA]; 154 Cape Road, Mill Park, 6001 Port Elizabeth (ZA). **BRUNDLE, Anthony** [AU/AU]; 175 Osborne Road, Williamstown, Melbourne, Victoria 3016 (AU).

(74) **GILSON, David, Grant** et al. / etc.; Spoor and Fisher, P.O. Box 41312, 2024 Craighall (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B65D 88/12**

(11) **WO 01/70597** (13) A1

(21) PCT/GB00/02101

(22) **9 Jun/juin 2000 (09.06.2000)**

(25) en (26) en

(30) 0006680.3 **21 Mar/mar 2000** GB **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TANK FOR HAZARDOUS MATERIAL
• RESERVOIR POUR MATIERES DANGEREUSES

(71) **FLEET TANKS (UK) LIMITED** [GB/GB]; Redmoss Business Centre, Greenbank Road, East Tullas, Aberdeen AB1 4BQ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GASKELL, Andrew, Jonathan** [GB/GB]; 45 Belfit Drive, Wingerworth, Chesterfield, Derbyshire S42 6UP (GB). **SLEE, Norman, John** [GB/GB]; 56 Buckie Road, Bridge of Don, Aberdeen AB22 8DN (GB).

(74) **STUTTARD, Garry, Philip** et al. / etc.; Urquhart-Dykes & Lord, Tower House, Merrion Way, Leeds LS2 8PA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B65D 90/04**

(11) **WO 01/70598** (13) A2

(21) PCT/IB01/00486

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 0006973.2 **22 Mar/mar 2000** GB **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A FLEXIBLE TANK AND METHOD OF MAKING SUCH A TANK
• RESERVOIR SOUPLE ET SON PROCEDE DE FABRICATION

(71) **LOGIS LIMITED** [—/—]; 18 Milner House, Parliamont Street (BM).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MCCLEAN, Damien** [IE/US]; c/o Logis Ltd., Suite 710, 16055 Space Center Boulevard, Houston, TX 77062 (US).

(74) **KINSLER, Maureen, Catherine** et al. / etc.; Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)[7] **B65D 90/12, 88/12, B60P 1/64**

(11) **WO 01/70599** (13) A1

(21) PCT/FI01/00287

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) fi (26) en

(30) 20000680 **23 Mar/mar 2000** FI **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CONTAINER FRAME
• CADRE DE CONTENEUR

(71) **MULTILIFT OY** [FI/FI]; P.O. Box 39, FIN-21201 Raisio (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NYBACK, Leif-Göran** [SE/SE]; Sländst. 32, S-144 40 Rönninge (SE). **RAISIO, Reijo, Juhani** [FI/FI]; Lillukantie 2 A, FIN-25500 Perniö (FI).

(74) **BERGGREN OY AB**; P.O. Box 16, FIN-00101 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B65F 1/06**

(11) **WO 01/70600** (13) A2

(21) PCT/CA01/00354

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 2,302,043 **22 Mar/mar 2000** CA **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND DEVICE FOR MOUNTING A FLEXIBLE BAG
• PROCEDE ET DISPOSITIF DE MONTAGE D'UN SAC FLEXIBLE

(71, 72) **WONG, Stephen, King-Tong** [CA/CA]; 5 Echo Valley Ridge, Toronto, Ontario M9B 2B2 (CA).

(74) **WONG, David, W.**; 46 Willowbrook Road, Thornhill, Ontario L3T 4W9 (CA).

(81) AU CN JP KR MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **B65F 1/06, 1/14, 1/16**

(11) **WO 01/70601** (13) A1

(21) PCT/GB00/01058

(22) **20 Mar/mar 2000 (20.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A BIN FOR RECYCLING WASTE OR DISPOSABLE MATERIALS
• CONTENANT DE RECYCLAGE DE DECHETS OU D'ARTICLES JETABLES

(71, 72) **COWAN, Gordon** [GB/GB]; 12 Edenkiln Place, Strathblane, Glasgow G63 9EB (GB).

(81) AU CA DE JP MX NO NZ US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **B65G**

(11) **WO 01/70602** (13) A2

(21) PCT/EP01/02865

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) de (26) de

(30) 100 12 942.0 **19 Mar/mar 2000** DE **(19.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMMISSIONING SYSTEM WITH PRODUCT STORAGE COMPARTMENTS DISPOSED IN A SHELF AND WITH A POSITIONABLE EJECTOR UNIT
• DISPOSITIF DE PREPARATION DE COMMANDES COMPORTANT DES COMPARTIMENTS DE STOCKAGE DISPOSES DANS UN RAYON ET UNE UNITE D'EJECTION POSITIONNABLE

(71) **KNAPP LOGISTIK AUTOMATION GMBH** [AT/AT]; Günter-Knapp-Strasse 5-7, A-8075 Hart bei Graz (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FREUDELSPERGER, Karl** [AT/AT]; Günter-Knapp-Strasse 5-7, A-8075 Hart bei Graz (AT).

(74) **HANKE, Hilmar**; Leopoldstrasse 77, 80802 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B65G 19/22, 19/28, B01D 21/18**

(11) **WO 01/70603** (13) A1

(21) PCT/FI01/00170

(22) **21 Feb/fév 2001 (21.02.2001)**

(25) fi (26) en

(30) 20000667 **22 Mar/mar 2000** FI **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SCRAPER BAR APPARATUS
• APPAREIL A BARRE DE RACLAGE

(71) **FINNKETJU INVEST OY** [FI/FI]; Rekitie 1, FIN-26510 Rauma (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TUOMIKOSKI, Pekka** [FI/FI]; Puuluntie, FIN-26410 Kaaro (FI).

(74) **KANGASMÄKI, Reijo**; Finnish Patent Consulting FPC, Hermiankatu 14, FIN-33720 Tampere (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B65G 45/00, 45/12, 45/14**

(11) **WO 01/70604** (13) A1

(21) PCT/US01/09000

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/191,554 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 60/247,520 **9 Nov/nov 2000** US **(09.11.2000)**

(30) 09/808,657 **15 Mar/mar 2001** US **(15.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A LIGHT DUTY BELT CLEANING SYSTEM
• SYSTEME DE NETTOYAGE DE BANDES TRANSPORTEUSES DE TYPE LEGER

(71) **ASGCO MANUFACTURING, INC.** [US/US]; 301-323 Gordon Street, Allentown, PA 18102 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FINGER, Keith, E.** [US/US]; 5525 Lois Lane, Northampton, PA 18067 (US). **MOTT, George, T.** [US/US]; 113 Windsor Road, Alburtis, PA 18011 (US).

(74) **BERARD, Clement, A.**; 1601 Market Street, Suite 720, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B65G 49/07**

(11) **WO 01/70605** (13) A1

(21) PCT/US01/05820

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,096 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CHUCK TRANSPORT METHOD AND SYSTEM
• PROCEDE ET SYSTEME DE TRANSPORT POUR SUPPORT DE TRANCHE

(71) **TOKYO ELCTRON LIMITED** [JP/JP]; TBS Broadcast Center, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JOHNSON, Wayne, L.** [US/US]; 13658 S. 32nd Street, Phoenix, AZ 85044 (US).

(74) **CASEY, Michael, R.** et al. / etc.; Oblon, Spivak, McClelland, Maier & Neustadt, P.C., 4th Floor, 1755 Jefferson Davis Highway, Arlington, VA 22202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B65H 5/00**

(11) **WO 01/70606** (13) A1

(21) PCT/US01/08306

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,433 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 09/809,157 **15 Mar/mar 2001** US **(15.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MAIL PIECE FEEDER FOR VERTICALLY ORIENTATED MAIL PIECES AND HAVING REVERSIBLE RETARD ROLLERS
• CHARGEUR D'OBJETS DE CORRESPONDANCE POUR OBJETS DE CORRESPONDANCE ORIENTES VERTICALEMENT, POSSEDANT DES ROULEAUX DE RETARD REVERSIBLES

(71) **ASCOM HASLER MAILING SYSTEMS, INC.** [US/US]; 19 Forest Parkway, Shelton, CT 06484-0903 (US).

(72) **BROWN, Michael, A.**; 84 Field Street, Norwalk, CT 06851 (US).

(74) **GREEN, Clarence, A.**; Perman & Green, LLP, 425 Post Road, Fairfield, CT 06430 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B65H 16/04**

(11) **WO 01/70607** (13) A1

(21) PCT/EP01/00896

(22) **26 Jan/jan 2001 (26.01.2001)**

(25) de (26) de

(30) 200 05 148.2 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEVICE FOR UNWINDING OR APPLYING ADHESIVE TAPE
• DISPOSITIF DE DEROULEMENT ET D'APPLICATION DE RUBAN ADHESIF

(71) **SILU VERWALTUNG AG** [CH/CH]; Huobmattstrasse 7, CH-6045 Meggen (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SIEBER, Reto** [CH/CH]; Miramar, CH-6019 Sigigen (CH). **SIEBER, Marco** [CH/CH]; Im Fang 4, CH-6026 Rain (CH).

(74) **LESKE, Thomas**; Bardehle, Pagenberg, Dost, Altenburg, Geissler, Isenbruck, Galileiplatz 1, 81679 München (DE).

(81) AE AG AL AM AU AZ BA BB BG BR BY BZ CA CN CR CU CZ DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **B65H 23/32**

(11) **WO 01/70608** (13) A1

(21) PCT/DE01/01015

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) de (26) de

(30) 100 14 257.5 **22 Mar/mar 2000** DE **(22.03.2000)**

(30) 100 22 964.6 **11 May/mai 2000** DE **(11.05.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ANGLE BAR ASSEMBLY AND METHOD FOR DEVIATING A MATERIAL WEB
• DISPOSITIF DE BARRES DE RETOURNEMENT ET PROCEDE DE DEVIATION D'UNE BANDE DE MATERIAU

(71) **KOENIG & BAUER AKTIENGESELLSCHAFT** [DE/DE]; Friedrich-Koenig-Strasse 4, 97080 Würzburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEIS, Anton** [DE/DE]; Mozartstrasse 2, 64653 Lorsch (DE).

(74) **KOENIG & BAUER AKTIENGESELLSCHAFT**; - Lizenzen - Patente -, Friedrich-Koenig-Strasse 4, 97080 Würzburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **B65H 23/32**

(11) **WO 01/70609** (13) A1

(21) PCT/DE01/01016

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) de (26) de

(30) 100 14 257.5 **22 Mar/mar 2000** DE **(22.03.2000)**

(30) 100 22 964.6 **11 May/mai 2000** DE **(11.05.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEVICE FOR DEFLECTING A MATERIAL WEB
• DISPOSITIF DESTINE A DEVIER UNE BANDE DE MATERIAU

(71) **KOENIG & BAUER AKTIENGESELLSCHAFT** [DE/DE]; Friedrich-Koenig-Strasse 4, 97080 Würzburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MICHALIK, Horst, Bernhard** [DE/DE]; Allerseeweg 22, 97204 HÖchberg (DE). **HARTMANN, Manfred, Wolfgang** [DE/DE]; Engenthal 68, 97725 Elfershausen (DE).

(74) **KOENIG & BAUER AKTIENGESELLSCHAFT**; Lizenzen - Patente, Friedrich-Koenig-Strasse 4, 97080 Würzburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **B65H 29/40, 43/00**

(11) **WO 01/70610** (13) A1

(21) PCT/EP01/03213

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) de (26) de

(30) 100 14 440.3 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LEAF TREATMENT DEVICE AND A METHOD FOR ADJUSTING A LEAF TREATMENT DEVICE
• DISPOSITIF DE DISTRIBUTION DE FEUILLES ET SON PROCEDE D'INSTALLATION

(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) **WERNER, Frank** [DE/DE]; Plievierpark 18, 81737 München (DE). **WAGNER, Alois** [DE/DE]; Münchnerstrasse 13a, 82140 Olching (DE). **LINCK, Ralf** [DE/DE]; Guardinestrasse 46, 81375 München (DE).

(74) **KLUNKER, SCHMITT-NILSON, HIRSCH**; Winzererstrasse 106, 80797 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **B65H 54/36, 59/38**

(11) **WO 01/70611** (13) A2

(21) PCT/US01/08450

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/531,380 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF CONTROLLING STRAND GUIDE POSITION DURING PACKAGE BUILDUP
• PROCEDE DE COMMANDE DE LA POSITION D'UN BRIN-GUIDE LORS DE L'ELABORATION D'UN EMBALLAGE

(71) **OWENS CORNING** [US/US]; One Owens Corning Parkway, Toledo, OH 43659 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ADCOCK, Joseph, A.** [US/US]; 968 Forest Hills Road, Heath, OH 43056 (US). **FORBES, Clark, T.** [US/US]; 1578 Independence Drive, Newark, OH 43055 (US). **MANN, Douglas, B.** [US/US]; 3959 Hammond's Ferry, Evans, GA 30809 (US). **MAYMIR, Juan-Carlos** [US/US]; 3258 Tumwater Valley Drive, Pickerington, OH 43147 (US). **RICHEY, Keith, B.** [US/US]; 302 Surrey Lane, Anderson, SC 29621 (US).

(74) **ECKERT, Inger, H.** et al. / etc.; Owens Corning Science & Technology Center, 2790 Columbus Road, Building 54-1, Granville, OH 43023-1200 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B66B 1/40**

(11) **WO 01/70613** (13) A1

(21) PCT/US01/04574

(22) **12 Feb/fév 2001 (12.02.2001)**

(25) en (26) en

(30) 09/526,380 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LEVELING SYSTEM FOR ELEVATOR
• SYSTEME DE MISE A NIVEAU POUR ASCENSEUR

(71) **OTIS ELEVATOR COMPANY** [US/US]; 10 Farm Springs, Farmington, CT 06032 (US).

(72) **COSTE, Steven, D.**; 111 Elizabeth Road, Berlin, CT 06037 (US). **STONE, Jason, S.**; 125 Oxford Way, Torrington, CT 06790 (US). **SHULL, Julian, H., Jr.**; 121 Brookwood Drive, Southington, CT 06489 (US). **SCHAFER, D. Richard,**; 8 Silver Lane, Easthampton, MA 01027 (US). **TRINH, Kim, Ngoc**; 14 Mountain View Terrace, Danbury, CT 06810 (US). **EDGAR, William, G.**; 19 Maureen Drive, Simsbury, CT 06070 (US). **HELDWEIN, Carl**; 64 Colechester Lane, Palm Coast, FL 32137-9039 (US).

(74) **HENLEY, Randy, G.** et al. / etc.; Otis Elevator Company, Intellectual Property Dept., 10 Farm Springs, Farmington, CT 06032 (US).

(81) CN DE JP SG.

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(51)[7] **B66B 17/12**

(11) **WO 01/70614** (13) A1

(21) PCT/EP01/01863

(22) **20 Feb/fév 2001 (20.02.2001)**

(25) de (26) de

(30) 100 14 002.5 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ELEVATOR IN WHICH THE DRIVE IS MOUNTED IN THE COUNTERWEIGHT
• ASCENSEUR A MOYENS DE COMMANDE PREVUS DANS LE CONTREPOIDS

(71) **HIRO LIFT HILLENKÖTTER + RONSIECK GMBH** [DE/DE]; Meller Strasse 6, 33613 Bielefeld (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HEIN, Wilfried** [DE/DE]; Jöllenbecker Strasse 37, 33613 Bielefeld (DE).

(74) **THIELKING, Bodo** et al. / etc.; Gadderbaumer Strasse 14, 33602 Bielefeld (DE).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **B66B 23/00**

(11) **WO 01/70615** (13) A1

(21) PCT/EP01/02661

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) de (26) de

(30) 100 14 158.7 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DAMPING DEVICE FOR FLOOR COVERINGS ON CONVEYOR SYSTEMS FOR PEOPLE
• SYSTEME D'AMORTISSEMENT POUR REVETEMENT DE SOL SITUE SUR DES INSTALLATIONS DE TRANSPORT DE PERSONNES

(71) **KONE CORPORATION** [FI/FI]; Kartanontie 1, FIN-00330 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHÖNEWEISS, Klaus** [DE/DE]; Nordstrasse 17, 45525 Hattingen (DE).

(74) **SPANNAGEL, Achim**; c/o Wolfgang Cichy, Wilhelmstrasse 76, 58256 Ennepetal (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B66C 23/53, 23/76, B63B 35/00 // 43/06**

(11) **WO 01/70616** (13) A1

(21) PCT/NO01/00119

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) no (26) en

(30) 20001471 **22 Mar/mar 2000** NO **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LOAD TRANSFER SYSTEM
• SYSTEME DE TRANSFERT DE CHARGE

(71) **SEAMETRIC INTERNATIONAL AS** [NO/NO]; P.O. Box 8034, N-4068 Stavanger (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KJERSTAD, Jostein** [NO/NO]; Skibmannsveien 25, N-4056 Tananger (NO).

(74) **JOHNSEN, Anne** et al. / etc.; Onsagers AS, P.O. Box 265 Sentrum, N-0103 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B66F 3/12**

(11) **WO 01/70617** (13) A1

(21) PCT/EP01/00631

(22) **20 Jan/jan 2001 (20.01.2001)**

(25) de (26) de

(30) 100 13 485.8 **18 Mar/mar 2000** DE **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • JACK
• CRIC

(71) **KRUPP BILSTEIN GMBH** [DE/DE]; August-Bilstein-Strasse 4, 58256 Ennepetal (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALTEN, Ferdinand** [DE/DE]; Im Wiesengrund 5, 54429 Mandern (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B66F 9/12, B21K 1/72**

(11) **WO 01/70618** (13) A1

(21) PCT/EP01/03152

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) de (26) de

(30) 100 13 543.9 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR PRODUCING A FORK PRONG
• PROCEDE DE PRODUCTION D'UN FOURCHON

(71) **CFS FALKENROTH UMFORMTECHNIK GMBH & CO.** [DE/DE]; Asenbach 1, 58579 Schalksmühle (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STRECK, Hans-Dieter** [DE/DE]; Am Golling 20, 58509 Lüdenscheid (DE).

(74) **COHAUSZ HANNIG DAWIDOWICZ & PARTNER GBR**; Schumannstrasse 97-99, 40237 Düsseldorf (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B66F 9/24, 9/22, 9/06**

(11) **WO 01/70619** (13) A1

(21) PCT/EP01/02891

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) de (26) de

(30) 100 13 547.1 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MULTIPLE WAY LIFT TRUCK
• CHARIOT ELEVATEUR MULTIDIRECTIONNEL

(71) **HUBTEX MASCHINENBAU GMBH & CO. KG** [DE/DE]; Industriepark West, Werner-von-Siemens-Strasse 8, 36041 Fulda (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERK, Wolfgang** [DE/DE]; Stangenweg 18, 36367 Wartenberg (DE). **HEGER, Winfried** [DE/DE]; Lindenstrasse 4, 36145 Hofbieber (DE).

(74) **KÖNIG PALGEN SCHUMACHER KLUIN**; Lohengrinstrasse 11, 40549 Düsseldorf (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **B67B 7/04**

(11) **WO 01/70620** (13) A1

(21) PCT/IE01/00037

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) S2000/0220 **22 Mar/mar 2000** IE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A CORKSCREW
• TIRE-BOUCHON

(71, 72) **KANE, Stephen** [IE/IE]; 9 Four Seasons Drive, Roslevan, Ennis, County Clare (IE).

(74) **O'CONNOR, Donal, H.** et al. / etc.; Cruickshank & Co., 1 Holles Street, Dublin 2 (IE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B67D 1/04, 1/00, 1/08, A61L 2/10, 2/20, 2/025, 2/23**

(11) **WO 01/70621** (13) A1

(21) PCT/US00/07617

(22) **23 Mar/mar 2000 (23.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BEVERAGE STORAGE AND DISPENSING CONTAINER
• STOCKAGE DE BOISSON ET CONTENANT DISTRIBUTEUR

(71, 72) **BUCKNER, Lynn** [US/US]; P.O. Box 609, Chickamauga, GA 30707 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B67D 1/14, 1/04, 1/12**

(11) **WO 01/70622** (13) A1

(21) PCT/GB01/01230

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 0006744.7 **20 Mar/mar 2000** GB **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FLOW CONTROL APPARATUS
• APPAREIL DE COMMANDE DE DEBIT

(71) **WADDINGTON & DUVAL LIMITED** [GB/GB]; Lee Road, Merton Park Estate, Merton, London SW19 3WD (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WOODWARD, Ian, David** [GB/GB]; Fir Trees, Old Lodge Lane, Kenley CR8 5EU (GB). **TYRRELL, Derek, Lionel** [GB/GB]; 31 Hainault Avenue, Rochford, Essex SS4 1UH (GB).

(74) **FINDLAY, Alice, Rosemary,** et al. / etc.; Lloyd Wise, Tregear & Co., Commonwealth House, 1-19 New Oxford Street, London WC1A 1LW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B67D 3/00**

(11) **WO 01/70623** (13) A1

(21) PCT/US01/08868

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/528,925 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 09/170,370 **10 Nov/nov 2000** US **(10.11.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEVICE FOR DIRECTED DELIVERANCE OF FREE-FLOWING MATERIALS
• DISPOSITIF DE DISTRIBUTION DIRIGEE DE MATIERES A ECOULEMENT FLUIDE

(71, 72) **ALLDREDGE, Evette** [US/US]; 5925 Cargo Circle, Kearns, UT 84118 (US).

(72, 75) **NIVEN, Gregg, D.** [US/US]; 5935 West Cargo Circle, Salt Lake City, UT 84118 (US).

(74) **CLAYTON, Grant, R.** et al. / etc.; Clayton, Howarth & Cannon, P.C., P.O. Box 1909, Sandy, UT 84091 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B67D 5/14**

(11) **WO 01/70624** (13) A2

(21) PCT/US01/09310

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/533,443 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • APPARATUS FOR MONITORING AND CONTROLLING FUEL DELIVERY AND METHODS OF MONITORING AND CONTROLLING SAME
• APPAREIL PERMETTANT DE SURVEILLER ET DE REGULER UNE DISTRIBUTION DE CARBURANT, ET PROCEDES DE SURVEILLANCE ET DE REGULATION DE DISTRIBUTION

(63) US 09/533,443 (CON) 23 Mar/mar 2000 (23.03.2000)

(71) **MANAGEMENT AND REPORT TECHNOLOGIES, INC.** [US/US]; 2650 Hanson Street, Ft. Myers, FL 33901 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HENDRICKS, John, R.** [—/US]; 6234 St. Andrews Circle, Ft. Myers, FL 33919 (US). **MOORE, Sandy, N.** [—/US]; 9317 Pineapple Road, Ft. Myers, FL 33912 (US). **CHILDS, Stephen, D.** [—/US]; 12561 Equestrian Circle, Ft. Myers, FL 33907 (US).

(74) **WHITTLE, Jeffrey, S.**; Allen, Dyer, Doppelt, Milbrath & Gilchrist, P.A., Suite 1401, 225 South Orange Avenue, P.O. Box 3791, Orlando, FL 32802-3791 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **B81B**

(11) **WO 01/70625** (13) A2

(21) PCT/DE01/00992

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) de (26) de

(30) 100 13 904.3 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MICROMECHANICAL COMPONENT AND BALANCING METHOD
• COMPOSANT MICROMECANIQUE ET PROCEDE D'EQUILIBRAGE

(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) **MUCHOW, Joerg** [DE/DE]; Baumsatzstrasse 55, 72124 Pliezhausen (DE). **FRANZ, Jochen** [DE/DE]; Lueftestrasse 59, 72762 Reutlingen (DE). **LIPPHARDT, Uwe** [DE/DE]; Hegelweg 3, 72820 Sonnenbuehl (DE). **DUELL, Andreas** [DE/DE]; Elfenstrasse 62, 70567 Stuttgart (DE). **ROMES, Wolfgang** [DE/DE]; Im Tennenloch 5, 72829 Engstingen (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C01B 3/26, 31/20**

(11) **WO 01/70626** (13) A1

(21) PCT/US00/42620

(22) **6 Dec/déc 2000 (06.12.2000)**

(25) en (26) en

(30) 60/169,500 **7 Dec/déc 1999** US **(07.12.1999)**

(30) 09/724,131 **28 Nov/nov 2000** US **(28.11.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MIXED CONDUCTING MEMBRANE FOR CARBON DIOXIDE SEPARATION AND PARTIAL OXIDATION REACTIONS
• MEMBRANE CONDUCTRICE MIXTE POUR SEPARATION DU DIOXIDE DE CARBON ET REACTIONS D'OXYDATION PARTIELLE

(71) **ELTRON RESEARCH, INC.** [US/US]; 4600 Nautilus Court South, Boulder, CO 80301-3241 (US).

(72) **SAMMELLS, Anthony, F.**; 2145 Knollwood Drive, Boulder, CO 80302 (US).

(74) **GREENLEE, Lorance, L.** et al. / etc.; Greenlee, Winner and Sullivan, P.C., Suite 201, 5370 Manhattan Circle, Boulder, CO 80303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C01B 6/00**

(11) **WO 01/70627** (13) A2

(21) PCT/US01/09055

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,492 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HYDROGEN CATALYSIS
• CATALYSE DE L'HYDROGENE

(71) **BLACKLIGHT POWER, INC.** [US/US]; 493 Old Trenton Road, Cranbury, NJ 08512 (US).

(72) **MILLS, Randell, L.**; 1780 Greenbriar Court, Yardley, PA 19067 (US).

(74) **MELCHER, Jeffrey, S.**; Manelli, Denison & Selter, PLLC, 7th Floor, 2000 M Street N.W., Washington, DC 20036-3307 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C01B 33/12, C04B 41/50, H01L 21/312, 21/316**

(11) **WO 01/70628** (13) A2

(21) PCT/US01/08997

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/528,835 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 09/681,332 **19 Mar/mar 2001** US **(19.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PLASMA PROCESSING FOR POROUS SILICA THIN FILM
• TRAITEMENT AU PLASMA DE FILMS MINCES DE SILICE POREUSE

(71) **DOW CORNING CORPORATION** [US/US]; Midland, MI 48686-0994 (US). **AXCELIS TECHNOLOGIES, INC.** [US/US]; 7600 Standish Place, Rockville, MD 20855-2798 (US).

(72) **BERRY, Ivan, Louis, III**; 3716 Font Hill Drive, Ellicott City, MD 21042 (US). **CHUNG, Kyuha**; 4707 Trail Wood Circle, North, Midland, MI 48642 (US). **HAN, Qingyuan**; 6522 Southwind Circle, Midland, MI 48640 (US). **LIU, Youfan**; 6000 Summerset Drive, Columbia, MD 21044 (US). **MOYER, Eric, Scott**; 4500 Andre Street, Midland, MI 48642 (US). **SPAULDING, Michael, John**; 892 Burns Road, Essexville, MI 48732 (US). **WALDFRIED, Carlo**; 3411 Surrey Lane, Falls Church, VA 22041 (US). **BRIDGEWATER, Todd**; 1023 Brissette Beach, Kawkawlin, MI 48631 (US). **CHEN, Wei**; 513 Stillmeadow Lane, Midland, MI 48642 (US).

(74) **BEYER, James, E.** et al. / etc.; Killworth Gottman Hagan & Schaeff, L.L.P., Suite 500, One Dayton Centre, One South Main Street, Dayton, OH 45402-2023 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C01B 39/00**

(11) **WO 01/70629** (13) A2

(21) PCT/US01/08107

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 60/190,185 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 60/213,076 **21 Jun/juin 2000** US **(21.06.2000)**

(30) 60/246,632 **8 Nov/nov 2000** US **(08.11.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS FOR MANUFACTURE OF ZEOLITES AND ZEOLITE MIXTURES HAVING ENHANCED CATION EXCHANGE PROPERTIES, PRODUCTS PRODUCED THEREBY, AND DETERGENT COMPOSITIONS FORMULATED THEREWITH
• PROCEDE POUR LA FABRICATION DE ZEOLITES ET MELANGES DE ZEOLITES AYANT DES PROPRIETES D'ECHANGE CATIONIQUE AUGMENTEES, DES PRODUITS AINSI OBTENUS, ET COMPOSITIONS DE DETERGENT FORMULEES AVEC CEUX-CI

(71) **PQ HOLDING, INC.** [US/US]; 103 Springer Building, 3411 Silverside Road, Wilmington, DE 19803 (US).

(72) **MICCO, Daniel, J.**; 35 Second Street, Bridgeport, PA 19405 (US). **HINCHEY, Richard, J.**; 123 Inverrary Drive, Blue Bell, PA 19422 (US).

(74) **LEWIS, Christopher, R.** et al. / etc.; Ratner & Prestia, 301 One Westlakes (Berwyn), P.O. Box 980, Valley Forge, PA 19482-0980 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C01B 39/00**

(11) **WO 01/70630** (13) A2

(21) PCT/US01/09070

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/533,771 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 09/533,606 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 09/533,707 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A METHOD OF FORMING HIGH ALUMINUM ALUMINOSILICATE ZEOLITES, MICROCRYSTALLINE ZEOLITES AND MACROSCOPIC AGGREGATES THEREOF
• PROCEDE DE FABRICATION DE ZEOLITES D'ALUMINOSILICATE A TENEUR EN ALUMINIUM ELEVEE, DE ZEOLITES MICROCRISTALLINES ET AGREGATS MACROSCOPIQUES DE CELLES-CI

(71) **ENGELHARD CORPORATION** [US/US]; 101 Wood Avenue, P.O. Box 770, Iselin, NJ 08830-0770 (US).

(72) **KUZNICKI, Steven, M.**; 602 Route 523, Whitehouse Station, NJ 08889 (US). **LANGNER, Tadeusz, W.**; 514 Lafayette Street, Linden, NJ 07036 (US). **CURRAN, Jacqueline, S.**; 30 Hamilton Avenue, Cranford, NJ 07016 (US). **BELL, Valerie, A.**; 1845 Woodland Avenue, Edison, NJ 08820 (US).

(74) **MILLER, Stephen, I.** et al. / etc.; Engelhard Corporation, 101 Wood Avenue, P.O. Box 770, Iselin, NJ 08830-0770 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)[7] **C01G 23/00, 37/00, 31/00, 41/00, 51/00, B01J 21/06, 23/00, 37/03, 31/12, C07C 5/333**

(11) **WO 01/70631** (13) A1

(21) PCT/EP01/02364

(22) **2 Mar/mar 2001 (02.03.2001)**

(25) de (26) de

(30) 100 13 934.5 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • POROUS, DOPED TITANIUM OXIDES AS SELECTIVE OXIDATION AND DEHYDRATION CATALYSTS
• OXYDES DE TITANE DOPES POREUX UTILISES COMME CATALYSEURS D'OXYDATION ET DE DESHYDROGENATION SELECTIFS

(71) **STUDIENGESELLSCHAFT KOHLE MBH** [DE/DE]; Kaiser-Wilhelm-Platz 1, 45470 Mülheim/Ruhr (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAIER, Wilhelm, F.** [DE/DE]; Steingatt 20, 45289 Essen (DE). **LETTMANN, Christian** [DE/DE]; Baderweg 88, 45259 Essen (DE).

(74) **VON KREISLER, Alek** et al. / etc.; Deichmannhaus am Hauptbahnhof, 50667 Köln Köln (DE).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **C01G 49/00, 23/04, C09C 1/24**

(11) **WO 01/70632** (13) A1

(21) PCT/JP01/02228

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-83419 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TITANIUM-IRON BASED COMPOSITE OXIDE PIGMENT AND METHOD FOR PRODUCTION THEREOF
• PIGMENT D'OXYDE COMPOSITE A BASE DE FER ET DE TITANE ET SON PROCEDE DE FABRICATION

(71) **FERRO ENAMELS (JAPAN) LIMITED** [JP/JP]; 1-27, Oyodo-kita 2-chome, Kita-ku, Osaka-shi, Osaka 531-8526 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUZUKI, Takayuki** [JP/JP]; c/o FERRO ENAMELS (JAPAN) LIMITED, 1-27, Oyodo-kita 2-chome, Kita-ku, Osaka-shi, Osaka 531-8526 (JP). **KATAOKA, Koji** [JP/JP]; c/o FERRO ENAMELS (JAPAN) LIMITED, 1-27, Oyodo-kita 2-chome, Kita-ku, Osaka-shi, Osaka 531-8526 (JP).

(74) **KISHIMOTO, Einosuke** et al. / etc.; c/o KISHIMOTO & CO., Inaba Building, 3rd floor, 13-18, Nishishinsaibashi 1-chome, Chuo-ku, Osaka-shi, Osaka 542-0086 (JP).

(81) CA CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C02F 1/40, E02B 15/04, B01D 17/02**

(11) **WO 01/70633** (13) A1

(21) PCT/SE01/00505

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) sv (26) en

(30) 0000964-7 **21 Mar/mar 2000** SE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A DEVICE FOR SEPARATING A SURFACE LAYER OF A LIQUID
• DISPOSITIF PERMETTANT DE SEPARER UNE COUCHE SUPERFICIELLE D'UN LIQUIDE

(71) **ALFA LAVAL AB** [SE/SE]; S-147 80 Tumba (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GUSTAFSSON, Bengt, Olof** [SE/SE]; Höganloftsvägen 3, S-144 62 Rönninge (SE).

(74) **BERGLUND, Stefan** et al. / etc.; Bjerkéns Patentbyrå KB, Östermalmsgatan 58, S-114 50 Stockholm (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C02F 1/56**

(11) **WO 01/70634** (13) A1

(21) PCT/US01/07107

(22) **6 Mar/mar 2001 (06.03.2001)**

(25) en (26) en

(30) 09/532,119 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • VERY HIGH MOLECULAR WEIGHT CATIONIC DISPERSION POLYMERS FOR DEWATERING ANIMAL FARM WASTEWATER
• POLYMERES DE DISPERSION CATIONIQUES DE POIDS MOLECULAIRE TRES ELEVE POUR ASSECHEMENT DES EAUX USEES DE FERMES D'ELEVAGE

(71) **NALCO CHEMICAL COMPANY** [US/US]; One Nalco Center, Naperville, IL 60653-1198 (US).

(72) **SIVAKUMAR, Ananthasubramanian**; 1057 Lakestone Lane, Aurora, IL 60504 (US). **JOHNSON, Cathy, C.**; 27 School Street, Geneva, IL 60134 (US).

(74) **KEEFER, Timothy, J.**; Wildman, Harrold, Allen & Dixon, 225 West Wacker Drive, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C02F 3/06, 11/02, B09B 3/00, C05F 9/02, 17/02**

(11) **WO 01/70635** (13) A1

(21) PCT/JP01/02207

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-83492 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • WASTEWATER TREATMENT APPARATUS AND METHOD FOR RECYCLING MATERIAL FOR WASTEWATER TREATMENT
• APPAREIL DE TRAITEMENT D'EAUX USEES ET PROCEDE DE RECYCLAGE DE MATERIAU DESTINE AU TRAITEMENT D'EAUX USEES

(71) **SANYO ELECTRIC CO., LTD.** [JP/JP]; 5-5, Keihan-Hondori 2-chome, Moriguchi City, Osaka 570-8677 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMADA, Atsushi** [JP/JP]; c/o SANYO ELECTRIC CO., LTD., 5-5, Keihan-Hondori 2-chome, Moriguchi City, Osaka 570-8677 (JP).

(74) **YOSHIDA, Kenji** et al. / etc.; 34-12, Kichijoji-honcho 1-chome, Musashino-shi, Tokyo 180-0004 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C02F 3/30**

(11) **WO 01/70636** (13) A1

(21) PCT/KR01/00449

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 2000-14206 **21 Mar/mar 2000** KR **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SEWAGE AND WASTEWATER DISPOSAL SYSTEM
• SYSTEME D'EVACUATION D'EAUX D'EGOUT ET D'EAUX USEES

(71, 72) **KIM, Woon, Chang** [KR/KR]; #612-701 Eunbitmaeul Apt., 37/5, Hwajeong 1-dong, Deokyang-gu, Goyang-si, Gyeonggido 412-748 (KR).

(74) **KIM, Byung, Jin** et al. / etc.; #201 Hwajin Bldg., 828 Yoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C02F 3/34, 3/10, 3/08**

(11) **WO 01/70637** (13) A1

(21) PCT/JP01/02362

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-85416 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR DIRECT CLARIFICATION OF GROUND WATER POLLUTED WITH NITRATE
• PROCEDE DE CLARIFICATION DIRECTE D'EAU SOUTERRAINE POLLUEE PAR DES NITRATES

(71) **JAPAN SCIENCE AND TECHNOLOGY CORPORATION** [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) **MATSUMURA, Masatoshi** [JP/JP]; 1250-2, Koya, Tsukuba-shi, Ibaraki 300-2642 (JP). **FIDEL, Rey, Nayve** [PH/PH]; Biotech, University of Philippines Los Banos College, Laguna 4031 (PH).

(74) **NISHIZAWA, Toshio**; 6F, Mani-Building, 37-10, Udagawa-cho, Shibuya-ku, Tokyo 150-0042 (JP).

(81) KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C02F 5/08**

(11) **WO 01/70638** (13) A1

(21) PCT/PL01/00023

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) P-339110 **19 Mar/mar 2000** PL **(19.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMPOSITION PREVENTING FORMATION OF SCALE AND CORROSION OF EQUIPMENT IN THE PROCESS OF PREPARATION OF SPECIALLY PURE OR STERILE WATER
• COMPOSITION EMPECHANT LA FORMATION DE TARTRE ET DE CORROSION SUR L'EQUIPEMENT UTILISE AU COURS DU PROCESSUS DE PREPARATION D'EAU PARTICULIEREMENT PURE ET STERILE

(71, 72) **BUGALSKI, Tadeusz** [PL/PL]; ul. Radosna 7/27, PL-43-306 Bielsko-Biala (PL). **PANAJEVA, Svietlana** [RU/RU]; ul. 50-lecia Pazdziernika, 4/32, Shebiekino, 309250 (RU).

(81) AE AU BR CA CN IL JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C03B 23/203**

(11) **WO 01/70639** (13) A1

(21) PCT/IT01/00136

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 00830218.4 **22 Mar/mar 2000** EP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • GLASS DOUBLE LAYER MOSAIC TESSERA, UNITED AND COLOURED BY THERMIC FUSION
• TESSELLE DE MOSAIQUE DOUBLE COUCHE EN VERRE, ASSEMBLEE ET COLOREE PAR FUSION THERMIQUE

(71) **MEGARON S.R.L.** [IT/IT]; Via Nazionale, 479, I-84015 Nocera Superiore (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DI COSTANZO, Carmine** [IT/IT]; Via Trieste, 11, I-84015 Nocera Superiore (IT).

(81) AE AU BG BR CA CH CN CU CZ DZ ID IL IN IS JP MA MX NO NZ PL RO SG SK TR UA US VN ZA.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C03C 4/04, 13/04, 3/06**

(11) **WO 01/70640** (13) A1

(21) PCT/GB01/01218

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 00302381.9 **23 Mar/mar 2000** EP **(23.03.2000)**

(30) 60/195,305 **10 Apr/avr 2000** US **(10.04.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • OPTICAL WAVEGUIDES AND DEVICES INCLUDING SAME
• GUIDES D'ONDES OPTIQUES ET DISPOSITIFS INCORPORANT LESDITS GUIDES D'ONDES

(71) **UNIVERSITY OF SOUTHAMPTON** [GB/GB]; Centre for Enterprise & Innovation, Highfield, Southampton, Hampshire SO17 1BJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRAMBILLA, Gilberto** [IT/GB]; University of Southampton, Centre for Enterprise & Innovation, Highfield, Southampton, Hampshire SO17 1BJ (GB). **PRUNERI, Valerio** [IT/IT]; University of Southampton, Centre for Enterprise & Innovation, Highfield, Southampton, Hampshire SO17 1BJ (GB). **REEKIE, Laurence** [GB/AU]; University of Southampton, Centre for Enterprise & Innovation, Highfield, Southampton, Hampshire SO17 1BJ (GB).

(74) **HAINES, Miles, John**; D Young & Co., 21 New Fetter Lane, London EC4A 1DA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C03C 17/34, A61L 33/00, B01J 19/00**

(11) **WO 01/70641** (13) A1

(21) PCT/US01/08993

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/532,419 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • POLYMER COATED SURFACES FOR MICROARRAY APPLICATIONS
• SURFACES REVETUES DE POLYMERE POUR MICRO-ECHANTILLONS

(71) **INCYTE PHARMACEUTICALS, INC.** [US/US]; 3160 Porter Drive, Palo Alto, CA 94304 (US).

(72) **ARNOLD, Lyle, J., Jr.**; 15638 Boulder Mt. Rd., Poway, CA 92064 (US). **SAWAN, Samuel, P.**; 37 Beverlee Road, Tyngsborough, MA 01879 (US). **LEE, Paul, H.**; 1782 Nursery Way, Pleasanton, CA 94588 (US).

(74) **OSMAN, Richard, Aron**; Science & Technology Law Group, 75 Denise Drive, Hillborough, CA 94010 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C03C 25/00**

(11) **WO 01/70642** (13) A2

(21) PCT/NL01/00237

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,830 **24 Mar/mar 2000** US **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • RADIATION-CURABLE COATINGS SUITABLE FOR HIGH-SPEED APPLICATION ONTO OPTICAL FIBERS
• REVETEMENTS PHOTODURCISSABLES ADAPTES A L'APPLICATION A VITESSE ELEVEE SUR FIBRES OPTIQUES

(71) **DSM N.V.** [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SZUM, David, Michael** [US/NL]; Mgr. van Steelaan 1F, NL-2273 EG Voorburg (NL). **JOHNSON, Robert, William** [US/US]; 508 James Court, Algonquin, IL 60102 (US).

(74) **DEN HARTOG, Jeroen, Hendrikus, Joseph**; DSM Patents & Trademarks, P.O. Box 9, NL-6160 MA Geleen (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C04B**

(11) **WO 01/70643** (13) A2

(21) PCT/US00/42721

(22) **8 Dec/déc 2000 (08.12.2000)**

(25) en (26) en

(30) 60/191,657 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 09/655,189 **5 Sep/sep 2000** US **(05.09.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • WEAR RESISTANT CERAMIC
• CERAMIQUE RESISTANTE A L'USURE

(71) **ZIRCOA INC.** [US/US]; 31501 Solon Road, Solon, OH 44139 (US).

(72) **FARBER, Boris, Y.**; 34461 Southside Park Drive, Solon, OH 44139 (US).

(74) **KUSNER, Mark**; Mark Kusner Co., LPA, Highland Place, Suite 310, 6151 Wilson Mills Road, Highland Heights, OH 44143 (US).

(81) AU IL IN JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C04B 14/10, 41/50**

(11) **WO 01/70644** (13) A1

(21) PCT/GB01/01217

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 0006623.3 **20 Mar/mar 2000** GB **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • KAOLIN PRODUCTS AND THEIR PREPARATION AND USE IN PAPER MAKING AND COATING
• PRODUITS A BASE DE KAOLIN, LEUR PREPARATION ET LEUR UTILISATION DANS LA FABRICATION ET LE COUCHAGE DE PAPIER

(71) **IMERYS MINERALS LIMITED** [GB/GB]; John Keay House, St Austell, Cornwall PL25 4DJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HUSBAND, John, Claude** [GB/GB]; 32 Park Way, Fairfield Park, St Austell, Cornwall PL25 4HR (GB).

(74) **O'BRIEN, Keith, Edward**; Imerys Minerals Limited, Intellectual Property Department, John Keay House, St Austell, Cornwall PL25 4DJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C04B 18/02, 40/00, B01F 15/02, B28C 7/02**

(11) **WO 01/70645** (13) A1

(21) PCT/EP01/02598

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) de (26) de

(30) 100 13 664.8 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND DEVICE FOR GRANULATING SLURRY AND/OR POWDERED MATERIAL
• PROCEDE ET DISPOSITIF POUR LA GRANULATION DE BOUES OU DE MATIERE PULVERULENTE

(71) **VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH & CO** [AT/AT]; Turmstrasse 44, A-4020 Linz (AT). **ZETTL GMBH & CO. KG** [DE/DE]; Oldenbourgstrasse 11, 81247 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AICHINGER, Christoph** [AT/AT]; Lacken 20, A-4112 Rottenegg (AT). **AIGNER, Alfred** [AT/AT]; Froschau 56, A-4391 Waldhausen (AT). **SCHREY, Günter** [AT/AT]; Nöbauerstrasse 54, A-4040 Linz (AT). **ZETTL, Stefan** [US/US]; Reginbaldstrasse 15, 81247 München (US).

(74) **VA TECH PATENTE GMBH**; Stahlstrasse 21a, A-4020 Linz (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C04B 28/04, 7/00**

(11) **WO 01/70646** (13) A1

(21) PCT/EP01/03275

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 00/03996 **23 Mar/mar 2000** FR **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CEMENTING COMPOSITIONS AND APPLICATION OF THESE COMPOSITIONS TO CEMENTING OIL WELLS OR THE LIKE
• COMPOSITIONS DE CIMENTATION ET UTILISATION DE CES COMPOSITIONS POUR CIMENTER DES PUITS DE PETROLE OU ANALOGUE

(71) **SOFITECH N.V.** [BE/BE]; Rue de Stalle 142, B-1180 Brussels (BE).
(for all designated States except / pour tous les États désignés sauf CA FR US)

(71) **SCHLUMBERGER CANADA LIMITED** [CA/CA]; Monenco Place, 24th floor, 801 6th Avenue, S.W., Calgary, Alberta T2P 3W2 (CA).
(only for / seulement pour CA)

(71) **COMPAGNIE DES SERVICES DOWELL SCHLUMBERGER** [FR/FR]; 50, avenue Jean-Jaurès, F-92541 Montrouge (FR).
(only for / seulement pour FR)

(72, 75) **BARLET-GOUEDARD, Véronique** [FR/FR]; Résidence La Baleine, 2, impasse du Cachalot, F-92290 Chatenay Malabry (FR). **GOFFE, Bruno** [FR/FR]; 1, rue Jeanne d'Arc, F-91120 Palaiseau (FR).

(74) **HYDEN, Martin**; Etudes et Productions Schlumberger, Département Propriété Intellectuelle, 1, rue Henri Becquerel, Boîte postale 202, F-92142 Clamart Cedex (FR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CO CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C04B 38/10, 24/26**

(11) **WO 01/70647** (13) A1

(21) PCT/IB01/00357

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 2000/1435 **22 Mar/mar 2000** ZA **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF PRODUCING A HYDRAULIC BINDER FOAM
• PROCEDE DE PRODUCTION D'UNE MOUSSE DE LIANT HYDRAULIQUE

(71) **BALMORAL TECHNOLOGIES (PTY) LTD** [ZA/ZA]; Building 16 CSIR Campus, Meiring Naude Road, Scientia, 0002 Pretoria (ZA).
(only for / seulement pour ZA)

(71) **WINDSOR TECHNOLOGIES LIMITED** [BS/BS]; Sandringham House, 83 Shirley Street, Nassau (BS).
(for all designated States except / pour tous les États désignés sauf US ZA)

(72, 75) **SYMONS, Michael, Windsor** [GB/ZA]; 16 Luipaards Avenue, Monument Park, 0002 PRETORIA (ZA).

(74) **GILSON, David, Grant** et al. / etc.; Spoor and Fisher, PO Box 41312, 2024 Craighall (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C05G 3/00, C05D 1/02**

(11) **WO 01/70648** (13) A1

(21) PCT/FR01/00710

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) fr (26) fr

(30) 00/03818 **21 Mar/mar 2000** FR **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NOVEL AGENTS AND DUST FREE COMPOSITIONS, METHOD FOR OBTAINING SAME AND USE IN PARTICULAR FOR SOIL AMENDMENT
• NOUVEAUX AGENTS ET COMPOSITIONS ANTIPOUSSIERES, LEUR PROCEDE D'OBTENTION ET LEUR UTILISATION NOTAMMENT DANS L'AMENDEMENT DES SOLS

(71) **GROUPE MEAC SA** [FR/FR]; 31, rue Nicole, BP 371, F-28007 Chartres Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GUERRINI, Etienne** [FR/FR]; 42, rue de Loigny La Bataille, F-28150 Voves (FR).

(74) **CABINET MICHEL RICHEBOURG**; Le Clos du Golf, 69, rue Saint Simon, F-42000 Saint-Etienne (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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Declarations / Déclarations :
(r) for all designations / pour toutes les désignations
(s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations
(u) for / pour US only / seulement

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(51)[7] **C07B 31/00, 41/02, 45/06, C07D 233/54**

(11) **WO 01/70649** (13) A1

(21) PCT/EP01/02302

(22) **1 Mar/mar 2001 (01.03.2001)**

(25) de (26) de

(30) 100 14 298.2 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR REDUCING ORGANIC COMPOUNDS IN A MICROREACTOR BY MEANS OF HYDRIDES AND/OR THE DERIVATIVES THEREOF
• PROCEDE DE REDUCTION DE COMPOSES ORGANIQUES AU MOYEN D'HYBRIDES ET/OU DE LEURS DERIVES, DANS UN MICROREACTEUR

(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) **WURZIGER, Hanns** [DE/DE]; Greinstrasse 7b, 64291 Darmstadt (DE). **PIEPER, Guido** [DE/DE]; Adlerstrasse 57, 68199 Mannheim (DE). **SCHWESINGER, Norbert** [DE/DE]; Sturmheide 10, 98693 Ilmenau (DE).

(74) **MERCK PATENT GMBH**; Frankfurter Strasse 250, 64293 Darmstadt (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07B 43/08, 35/06, C07C 253/00**

(11) **WO 01/70650** (13) A1

(21) PCT/EP01/02300

(22) **1 Mar/mar 2001 (01.03.2001)**

(25) de (26) de

(30) 100 14 296.6 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR DEHYDRATING ORGANIC COMPOUNDS IN A MICROREACTOR
• PROCEDE DE DESHYDRATATION DE COMPOSES ORGANIQUES DANS UN MICROREACTEUR

(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) **WURZIGER, Hanns** [DE/DE]; Greinstrasse 7b, 64291 Darmstadt (DE). **PIEPER, Guido** [DE/DE]; Adlerstrasse 57, 68199 Mannheim (DE). **SCHWESINGER, Norbert** [DE/DE]; Sturmheide 10, 98693 Ilmenau (DE).

(74) **MERCK PATENT GMBH**; Frankfurter Strasse 250, 64293 Darmstadt (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07C 2/12, 9/22**

(11) **WO 01/70651** (13) A2

(21) PCT/US01/08025

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 09/533,432 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYNTHETIC HYDROCARBON FLUIDS
• FLUIDES HYDROCARBONES SYNTHETIQUES

(71) **MOBIL OIL CORPORATION** [US/US]; 3225 Gallows Road, Fairfax, VA 22037 (US).

(72) **WU, Margaraet, M.**; 45 Richmond Drive, Skillman, NJ 08558 (US).

(74) **PURWIN, Paul, E.** et al. / etc.; ExxonMobil Research and Engineering Company, P.O. Box 900, Annandale, NJ 08801-0900 (US).

(81) AU JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C07C 2/86, B01J 19/08**

(11) **WO 01/70652** (13) A1

(21) PCT/CH00/00296

(22) **25 May/mai 2000 (25.05.2000)**

(25) en (26) en

(30) 00810248.5 **23 Mar/mar 2000** EP **(23.03.2000)**

(30) 00810249.3 **23 Mar/mar 2000** EP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FUEL SYNTHESIS
• SYNTHESE DE COMBUSTIBLE

(71) **ABB RESEARCH LTD.** [CH/CH]; Affolternstrasse 52, CH-8050 Zürich (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ELIASSON, Baldur** [CH/CH]; Chilemattweg 5, CH-5413 Birmenstorf (CH). **ZHANG, Kui** [CN/CH]; Postfach 338, CH-5404 Baden-Dättwil (CH). **KOGELSCHATZ, Ulrich** [DE/CH]; Obere Parkstrasse 8, CH-5212 Hausen (CH). **KILLER, Eric** [CH/CH]; Zentralstrasse 95, CH-5430 Wettingen (CH).

(74) **ABB BUSINESS SERVICES LTD**; Intellectual Property (SLE-I), Haselstrasse 16/699, CH-5401 Baden (CH).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07C 7/00, 7/148**

(11) **WO 01/70653** (13) A1

(21) PCT/US00/07703

(22) **23 Mar/mar 2000 (23.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS FOR SELECTIVELY SEPARATING HYDROGEN, OR BOTH HYDROGEN AND CARBON MONOXIDE FROM UNSATURATED HYDROCARBONS
• PROCEDE DE SEPARATION SELECTIVE D'HYDROGENE, OU A LA FOIS D'HYDROGENE ET DE MONOXYDE DE CARBONE, A PARTIR D'HYDROCARBURES INSATURES

(71) **EXXON CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520-5200 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAUGHN, Stephen, N.** [US/US]; 1111 Southern Hills, Kingwood, TX 77339 (US). **OU, John, Di-Yi** [US/US]; 15415 Bay Green Court, Houston, TX 77059 (US). **DANIEL, Lawrence, G.** [US/US]; 5427 Hazel, Baytown, TX 77521 (US).

(74) **KELLER, Bradley, A.** et al. / etc.; Exxon Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07C 7/14**

(11) **WO 01/70654** (13) A1

(21) PCT/IL01/00257

(22) **18 Mar/mar 2001 (18.03.2001)**

(25) en (26) en

(30) 09/532,317 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF SEPARATION OF HYDROCARBON OILS FROM A WAXY FEEDSTOCK AND SEPARATION SYSTEM FOR IMPLEMENTATION OF SAID METHOD
• PROCEDE DE SEPARATION D'HUILES D'HYDROCARBURES D'UNE CHARGE PARAFFINEUSE ET SYSTEME DE SEPARATION DE MISE EN OEUVRE DUDIT PROCEDE

(71) **YUTEC TECHNOLOGIES LTD.** [IL/IL]; P.O. Box 25321, 99 Hahistadrut Ave., 31250 Haifa (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VISHNEVSKY, Anatoly** [IL/IL]; 20/19 Zalman Shneur St., Ramot Remez, 32544 Haifa (IL).

(74) **AGRANOV, David**; Moriah Ave. 20, 34571 Haifa (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07C 11/02, 5/46**

(11) **WO 01/70655** (13) A1

(21) PCT/EP01/03954

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 00106398.1 **24 Mar/mar 2000** EP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CATALYTIC CONVERSION OF ALKANES TO ALKENES
• CRAQUAGE CATALYTIQUE D'ALCANES EN ALCENES

(71) **AVENTIS ANIMAL NUTRITION S.A.** [FR/FR]; 42, avenue Aristide Briand, F-92160 Antony (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEGENDRE, Olivier** [FR/FR]; 4, allée de la Bellardière, F-95220 Herblay (FR).

(74) **AVENTIS CROPSCIENCE S.A.**; Département Propriété Industrielle, 14-20, rue Pierre Baizet, Boîte postale 9163, F-69263 Lyon Cedex 09 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07C 11/02, 11/24, C10G 15/08, 15/12**

(11) **WO 01/70656** (13) A1

(21) PCT/RU00/00375

(22) **21 Sep/sep 2000 (21.09.2000)**

(25) ru (26) ru

(30) 2000106774 **21 Mar/mar 2000** RU **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR DIRECT METHANE PYROLYSIS
• PROCEDE DE PYROLYSE DIRECTE DU METHANE

(71) **ZAKRYTOE AKTSIONERNOYE OBSCHESTVO "TOPLIVNAYA KOMPANIYA "SIBUR - NIZHNY NOVGOROD"** [RU/RU]; ul. Beketova, 61, Nizhny Novgorod, 603146 (RU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GENKIN, Vladimir Naumovich** [RU/RU]; ul. Rodionova, 17-30, Nizhny Novgorod, 603039 (RU). **GENKIN, Mikhail Vladimirovich** [RU/RU]; ul. Belinskogo, 118-51, Nizhny Novgorod, 603000 (RU). **TYNNIKOV, Jury Georgievich** [RU/RU]; ul. Brinskogo, 1-115, Nizhny Novgorod, 603163 (RU).

(74) **SHKANOVA, Lamara, Vakhtangovna**; ul. Beketova, 61, Nizhny Novgorod, 601346 (RU).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **C07C 29/00**

(11) **WO 01/70657** (13) A2

(21) PCT/EP01/03374

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) de (26) de

(30) 100 14 646.5 **24 Mar/mar 2000** DE **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR THE PRODUCTION OF ALCOHOLS ON RHENIUM-CONTAINING ACTIVATED CHARCOAL SUPPORTED CATALYSTS
• PROCEDE POUR PRODUIRE DES ALCOOLS SUR DES CATALYSEURS A SUPPORT CONSTITUE DE CHARBON ACTIF, CONTENANT DU RHENIUM

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FISCHER, Rolf-Hartmuth** [DE/DE]; Bergstrasse 98, 69121 Heidelberg (DE). **PINKOS, Rolf** [DE/DE]; Birkental 3a, 67089 Bad Dürkheim (DE). **SCHUNK, Stephan, Andreas** [DE/DE]; Kaiserstr. 59, 69115 Heidelberg (DE). **WULFF-DÖRING, Joachim** [DE/DE]; Hanns-Fay-Str. 4, 67227 Frankenthal (DE).

(74) **ISENBRUCK, Günter**; Bardehle, Pagenberg, Dost, Altenburg, Geissler, Isenbruck, Theodor-Heuss-Anlage 12, 68165 Mannheim (DE).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C07C 29/141, 29/36, 31/20, 45/50, 47/26**

(11) **WO 01/70658** (13) A1

(21) PCT/EP01/03277

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 00302362.9 **22 Mar/mar 2000** EP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS FOR PREPARING A 1,3-DIOL
• PROCEDE DE PREPARATION DE 1,3-DIOL

(71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LANGE, Jean-Paul** [BE/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07C 29/141, 29/149, 29/16, 31/20**

(11) **WO 01/70659** (13) A1

(21) PCT/GB01/01128

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 0006722.3 **20 Mar/mar 2000** GB **(20.03.2000)**

(30) 0020738.1 **22 Aug/août 2000** GB **(22.08.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS FOR THE PREPARATION OF PROPANE-1,3-DIOL BY VAPOR PHASE HYDROGENATION OF 3-HYDROXYPROPANAL, BETA-PROPIOLACTONE, OLIGOMERS OF BETA-PROPIOLACTONE, ESTERS OF 3-HYDROXYPROPANOIC ACID OR MIXTURES THEREOF
• PROCEDE DE PREPARATION DE PROPANE-1,3-DIOL PAR HYDROGENATION EN PHASE VAPEUR DE 3-HYDROXYPROPANAL, β-PROPIOLACTONE, OLIGOMERES DE β-PROPIOLACTONE, ESTERS D'ACIDE 3-HYDROXYPROPANOIQUE OU DE LEURS MELANGES

(71) **KVAERNER PROCESS TECHNOLOGY LIMITED** [GB/GB]; 20 Eastbourne Terrace, London W2 6LE (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CRABTREE, Simon, Peter** [GB/GB]; 37 Chillingham Road, Newton Hall, Durham DH1 5NA (GB). **HENDERSON, Richard, Kevin** [GB/GB]; Flat 3, Ivycroft, Netherby Rise, Darlington DL3 8SE (GB).

(74) **EYLES, Christopher, Thomas**; W.P. Thompson & Co., Celcon House, 289-293 High Holborn, London WC1V 7HU (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07C 29/16, 31/125**

(11) **WO 01/70660** (13) A1

(21) PCT/EP01/03276

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 00302361.1 **22 Mar/mar 2000** EP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS FOR PREPARING AN ALCOHOL FROM AN OLEFIN
• PROCEDE DE PREPARATION D'UN ALCOOL A PARTIR D'UNE OLEFINE

(71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LANGE, Jean-Paul** [BE/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07C 43/00**

(11) **WO 01/70661** (13) A2

(21) PCT/EP01/03086

(22) **17 Mar/mar 2001 (17.03.2001)**

(25) de (26) de

(30) 100 13 766.0 **20 Mar/mar 2000** DE **(20.03.2000)**

(30) 100 13 764.4 **20 Mar/mar 2000** DE **(20.03.2000)**

(30) 100 13 762.8 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ALKOXYLATED PERFUMED ALCOHOLS AND THE USE THEREOF
• ALCOOLS DE SUBSTANCES ODORANTES ALCOXYLES ET LEUR UTILISATION

(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, 40589 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GASSENMEIER, Thomas, Otto** [DE/DE]; Mannheimer Weg 16, 40229 Düsseldorf (DE). **ZANDER, Lars** [DE/DE]; Cäcilienstrasse 12, 40589 Düsseldorf (DE). **VON RYBINSKI, Wolfgang** [DE/DE]; Leinenweberweg 12, 40593 Düsseldorf (DE). **KRUPP, Ute** [DE/DE]; Eduard-Lucas-Strasse 26a, 45131 Essen (DE).

(81) AE AG AL AM AU AZ BA BB BG BR BY BZ CA CN CO CR CU CZ DM DZ EE GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LV MA MD MG MK MN MW MX MZ NO NZ PL RO RU SD SG SI SK SL TJ TM TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07C 57/48, 57/50, 69/618, C07D 311/04**

(11) **WO 01/70662** (13) A2

(21) PCT/US01/08079

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 09/532,677 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • 2,4-PENTADIENOIC ACID DERIVATIVES HAVING SELECTIVE ACTIVITY FOR RETINOID X (RXR) RECEPTORS
• DERIVES DE L'ACIDE 2,4-PENTADIENOIQUE POSSEDANT UNE ACTIVITE SELECTIVE POUR DES RECEPTEURS RETINOIDES X (RXR)

(71) **ALLERGAN SALES, INC.** [US/US]; 2525 Dupont Drive, Irvine, CA 92612 (US).

(72) **VULIGONDA, Vidyasagar**; 15 Sweet Rain, Irvine, CA 92714 (US). **TSANG,**

Kwok, Yin; 26 Bearpaw, #55C, Irvine, CA 92604 (US). **VASUDEVAN, Jayasree**; 1220 S. Nigh Star Way, Anaheim, CA 92808 (US). **CHANDRARATNA, Roshantha, A.**; 25241 Buckskin, Laguna Hills, CA 92653 (US).

(74) **BARAN, Robert, J.** et al. / etc.; c/o Allergan Sales, Inc., 2525 Dupont Drive, Irvine, CA 92612 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07C 65/30, 69/94**

(11) **WO 01/70663** (13) A2

(21) PCT/US01/08548

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,466 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NOVEL AMPHIPATHIC ALDEHYDES AND THEIR USE AS ADJUVANTS AND IMMUNOEFFECTORS
• NOUVEAUX ALDEHYDES AMPHIPATHIQUES ET LEUR UTILISATION EN TANT QU'ADJUVANTS ET EFFECTEURS IMMUNOLOGIQUES

(71) **CORIXA CORPORATION** [US/US]; Suite 200, 1124 Columbia Street, Seattle, WA 98104 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JOHNSON, David** [US/US]; 121 Woodland Way, Hamilton, MT 59840 (US).

(74) **BAUDE, Eric, J.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th Floor, Two Embarcadero Center, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07C 69/00**

(11) **WO 01/70664** (13) A2

(21) PCT/US01/09096

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,656 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LIPOXIN ANALOGS AND METHODS FOR THE TREATMENT OF PERIODONTAL DISEASE
• COMPOSES ANALOGUES A LA LIPOXINE ET PROCEDES DE TRAITEMENT DE PARODONTOPATHIE

(71) **TRUSTEES OF BOSTON UNIVERSITY** [US/US]; 147 Bay State Road, Boston, MA 02215 (US). **BRIGHAM AND WOMEN'S HOSPITAL** [US/US]; Corporate Sponsored Research and Licensing, 75 Francis Street, Boston, MA 02115 (US). **UNIVERSITY OF SOUTHERN CALIFORNIA** [US/US]; 3716 S. Hope Street, Suite 313, Los Angeles, CA 90007 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAN DYKE, Thomas, E.** [US/US]; 1 Rutledge Street, West Roxbury, MA 02132 (US). **PETASIS, Nicos, A.** [US/US]; 3037 Gotera Drive, Hacienda Heights, CA 91745 (US). **SERHAN, Charles, N.** [US/US]; 51 Crown Ridge Road, Wellesley, MA 02482 (US).

(74) **PRIOR, Kimberly, J.** et al. / etc.; Kilpatrick Stockton LLP, 2400 Monarch Tower, 3424 Peachtree Road, N.E., Atlanta, GA 30326 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07C 209/62**

(11) **WO 01/70665** (13) A2

(21) PCT/US01/23467

(22) **17 Jan/jan 2001 (17.01.2001)**

(25) en (26) en

(30) 09/489,214 **21 Jan/jan 2000** US **(21.01.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SEPARATION OF THE PRODUCTS OF POLYAMIDE AMMONOLYSIS
• SEPARATION DES PRODUITS DE L'AMMONOLYSE DE POLYAMIDES

(71) **E. I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) **FERGUSSON, Stuart, Borden**; 820 Selkirk Road, Kingston, Ontario K7P 1B6 (CA). **YAN, Yuhua**; 213 Arcadia Court, Vernon Hills, IL 60061 (US).

(74) **MEDWICK, George, M.**; E. I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) CA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C07C 209/86**

(11) **WO 01/70666** (13) A1

(21) PCT/US01/08945

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/531,210 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SEPARATION OF 2,4-TOLUENEDIAMINE FROM AN ISOMERIC MIXTURE OF TOLUENEDIAMINES
• SEPARATION DE 2,4-TOLUENEDIAMINE D'UN MELANGE ISOMERE DE TOLUENEDIAMINES

(71) **ALBEMARLE CORPORATION** [US/US]; 451 Florida Street, Baton Rouge, LA 70801-1765 (US).

(72) **PRINDLE, John, C., Jr.**; 2450 July Street, Baton Rouge, LA 70808 (US). **EASSON, Michael, W.**; 58497 Bayou Road, Apt. C, Plaquemine, LA 70764 (US). **PALMER, James, Dee**; 1909 Karen Circle, Magnolia, AR 71753 (US). **JONES, Jason, G.**; 5233 Citrus Boulevard, Apt. #366, River Ridge, LA 70123 (US). **MORTENSEN, Max**; 61819 Avonlea Circle, Bend, OR 97702 (US). **BOONE, James, E.**; 11043 Meadow Lake Drive, Baton Rouge, LA 70810 (US).

(74) **PIPPENGER, Philip, M.** et al. / etc.; Albemarle Corporation, Patent and Trademark Division, 451 Florida Street, Baton Rouge, LA 70801-1765 (US).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **C07C 211/53, 251/24, 245/08, 309/46, 309/88, 331/28, 275/40, 251/22, 321/28, C07D 213/38, 215/12, 221/10, 213/76, 239/26, A61K 51/04 // C07M 5:00, A61K 100:10, 100:20, 100:02, 100:00, 123:00**

(11) **WO 01/70667** (13) A1

(21) PCT/JP01/02204

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-80081 **22 Mar/mar 2000** JP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • IMAGE DIAGNOSIS PROBE BASED ON SUBSTITUTED AZOBENZENE OR ANALOGUE THEREOF FOR DISEASE ATTRIBUTABLE TO AMYLOID ACCUMULATION AND COMPOSITION FOR IMAGE DIAGNOSIS CONTAINING THE SAME
• SONDE DE DIAGNOSTIC PAR IMAGE, A BASE D'AZOBENZENE SUBSTITUE OU D'UN ANALOGUE DE CELUI-CI, POUR LES MALADIES IMPUTABLES A L'ACCUMULATION D'AMYLOIDE ET COMPOSITION POUR LE DIAGNOSTIC PAR IMAGE LE CONTENANT

(71) **BF RESEARCH INSTITUTE, INC.** [JP/JP]; 17-85, Jyusohonmachi 2-chome,

Yodogawa-ku, Osaka-shi, Osaka 532-8686 (JP).
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(72, 75) **KUDO, Yukitsuka** [JP/JP]; Room 105, Daiichi Virasante, 15-11, Senriyamahigashi 1-chome, Suita-shi, Osaka 565-0842 (JP). **SUZUKI, Masako** [JP/JP]; 19-3, Suehiro-cho, Suita-shi, Osaka 564-0022 (JP). **SUEMOTO, Takahiro** [JP/JP]; Room 402, RAVIR, 1-55, Onoharahigashi 1-chome, Minoh-shi, Osaka 562-0031 (JP). **SHIMAZU, Hiroshi** [JP/JP]; 22-1, Shoujakuhonmachi 2-chome, Settsu-shi, Osaka 566-0024 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; AOYAMA & PARTNERS, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07C 229/00**

(11) **WO 01/70668** (13) A2

(21) PCT/US01/08191

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 09/533,680 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AMINES SUBSTITUTED WITH A DIHYDRONAPHTHALENYL, CRHOMENYL, OR THIOCHROMENYL GROUP, AN ARYL OR HETEROARYL GROUP AND AN ALKYL GROUP, HAVING RETINOID-LIKE BIOLOGICAL ACTIVITY
• AMINES SUBSTITUEES PAR UN GROUPE DIHYDRONAPHTALENYLE, CHROMENYLE OU THIOCHROMENYLE, UN GROUPE ARYLE OU HETEROARYLE ET UN GROUPE ALKYLE, ET PRESENTANT UNE ACTIVITE BIOLOGIQUE DU TYPE RETINOIDE

(71) **ALLERGAN SALES, INC.** [US/US]; 2525 Dupont Drive, Irvine, CA 92612 (US).

(72) **BEARD, Richard, L.**; 2341 Azure Avenue, Newport Beach, CA 92660 (US). **VU, Thong**; 14152 Flower Street, No. A4, Garden Grove, CA 92843 (US). **COLON, Diana, F.**; 4220 Park Newport, Newport Beach, CA 92660 (US). **VULIGONDA, Vidyasagar**; 15 Sweet Rain, Irvine, CA 92714 (US). **CHANDRARATNA, Roshantha, A.**; 25241 Buckskin, Laguna Hills, CA 92653 (US).

(74) **BARAN, Robert, J.**; Allergan Sales, Inc., 2525 Dupont Drive, Irvine, CA 92612 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07C 231/02, 233/51, C07D 295/205**

(11) **WO 01/70669** (13) A2

(21) PCT/US01/07411

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) en (26) en

(30) 60/190,810 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS FOR FORMING AN AMIDE BOND
• PROCEDE DE FORMATION D'UNE LIAISON AMIDE

(71) **ORTHO-MCNEIL PARMACEUTICAL, INC.** [US/US]; U.S. Route #202, P.O. Box 300, Raritan, NJ 08869-0602 (US).

(72) **ROSSLER, Armin**; Grenzlandstr. 9, 78244 Gottmadingen (DE).

(74) **JOHNSON, Philip, S.** et al. / etc.; Johnson & Johnson, 1 Johnson & Johnson Plaza, New Brunswick, NJ 08933-7003 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07C 233/87, C07D 295/14, 211/42, 211/74, 211/34, A61K 31/198, 31/4453, 31/445, 31/495, 31/5375, A61P 43/00, 29/00, 19/02, 1/04, 17/00, 11/06, 37/08, 25/00, 3/10, 9/00, 9/10, 35/00, C07D 285/06, A61K 31/433, C07D 239/38, A61K 31/45**

(11) **WO 01/70670** (13) A1

(21) PCT/JP01/02257

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) ja (26) ja

(30) 2000/81130 **23 Mar/mar 2000** JP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NOVEL PHENYLALANINE DERIVATIVE
• NOUVEAU DERIVE DE PHENYLALANINE

(71) **AJINOMOTO CO., INC.** [JP/JP]; 15-1, Kyobashi 1-Chome, Chuo-Ku, Tokyo 104-0031 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUZUKI, Nobuyasu** [JP/JP]; c/o Pharmaceutical Research Laboratories, AJINOMOTO CO., INC., 1-1, Suzuki-Cho, Kawasaki-Ku, Kawasaki-Shi, Kanagawa 210-0801 (JP). **YOSHIMURA, Toshihiko** [JP/JP]; c/o Pharmaceutical Research Laboratories, AJINOMOTO CO., INC., 1-1, Suzuki-Cho, Kawasaki-Ku, Kawasaki-Shi, Kanagawa 210-0801 (JP). **IZAWA, Hiroyuki** [JP/JP]; c/o Pharmaceutical Research Laboratories, AJINOMOTO CO., INC., 1-1, Suzuki-Cho, Kawasaki-Ku, Kawasaki-Shi, Kanagawa 210-0801 (JP). **MAKINO, Shingo** [JP/JP]; c/o Pharmaceutical Research Laboratories, AJINOMOTO CO., INC., 1-1, Suzuki-Cho, Kawasaki-Ku, Kawasaki-Shi, Kanagawa 210-0801 (JP). **NAKANISHI, Eiji** [JP/JP]; c/o Pharmaceutical Research Laboratories, AJINOMOTO CO., INC., 1-1, Suzuki-Cho, Kawasaki-Ku, Kawasaki-Shi, Kanagawa 210-0801 (JP). **MURATA, Masahiro** [JP/JP]; c/o Pharmaceutical Research Laboratories, AJINOMOTO CO., INC., 1-1, Suzuki-Cho, Kawasaki-Ku, Kawasaki-Shi, Kanagawa 210-0801 (JP). **TSUJI, Takashi** [JP/JP]; c/o Pharmaceutical Research Laboratories, AJINOMOTO CO., INC., 1-1, Suzuki-Cho, Kawasaki-Ku, Kawasaki-Shi, Kanagawa 210-0801 (JP).

(74) **NAKAMURA, Minoru** et al. / etc.; Room 646, Shin-Tokyo Bldg, 3-1, Marunouchi 3-Chome, Chiyoda-Ku, Tokyo 100-8355 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07C 235/00**

(11) **WO 01/70671** (13) A2

(21) PCT/US01/09338

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/191,242 **22 Mar/mar 2000** US **(22.03.2000)**

(30) 60/220,232 **24 Jul/juil 2000** US **(24.07.2000)**

(30) 60/254,635 **11 Dec/déc 2000** US **(11.12.2000)**

(30) 60/262,015 **17 Jan/jan 2001** US **(17.01.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INSECTICIDAL ANTHRANILAMIDES
• ANTHRANILAMIDES INSECTICIDES

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAHM, George, P.** [US/US]; 148 Fairhill Drive, Wilmington, DE 19808 (US).

MYERS, Brian, J. [US/US]; 102 East Ruddy Duck Circle, Oxford, PA 19363 (US). **SELBY, Thomas, P.** [US/US]; 116 Hunter Court, Wilmington, DE 19808 (US). **STEVENSON, Thomas, M.** [US/US]; 103 Iroquois Court, Newark, DE 19702 (US).

(74) **BIRCH, Linda, D.**; E.I. Du Pont de Nemours and Company, Legal/Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07C 235/00**

(11) **WO 01/70672** (13) A2

(21) PCT/US01/09501

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,528 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMPOUNDS AND METHODS TO TREAT ALZHEIMER'S DISEASE
• COMPOSES ET METHODES DE TRAITEMENT DE LA MALADIE D'ALZHEIMER

(71) **ELAN PHARMACEUTICALS, INC.** [US/US]; 800 Gateway Boulevard, South San Francisco, CA 94080 (US).

(72) **HOM, Roy**; 82 Ina Court, San Francisco, CA 94112 (US). **MAMO, Shumeye**; 564 Oakland Avenue #14, Oakland, CA 95611 (US). **TUNG, Jay**; 2224 Semeria Avenue, Belmont, CA 94002 (US). **GAILUNAS, Andrea**; 1080 Eddy Street, #501, San Francisco, CA 94109 (US). **JOHN, Varghese**; 1722 18th Avenue, San Francisco, CA 94122 (US). **FANG, Larry**; 1193 Beach Park Boulevard, Foster City, CA 94404 (US).

(74) **DAIGNAULT, Ronald, A.**; Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07C 237/00**

(11) **WO 01/70673** (13) A2

(21) PCT/US01/08334

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 60/190,182 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 60/233,373 **18 Sep/sep 2000** US **(18.09.2000)**

(30) 60/255,539 **14 Dec/déc 2000** US **(14.12.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CYCLIC β-AMINO ACID DERIVATIVES AS INHIBITORS OF MATRIX METALLOPROTEASES AND TNF-α
• DERIVES CYCLIQUES D'ACIDES BETA-AMINES COMME INHIBITEURS DE METALLOPROTEASES DE MATRICE ET DE TNF-ALPHA

(71) **DUPONT PHARMACEUTICALS COMPANY** [US/US]; Chestnut Run Plaza, 974 Centre Road, Wilmington, DE 19805 (US).

(72) **DUAN, Jingwu**; 17 Springbrook Lane, Newark, DE 19711 (US). **OTT, Gregory**; 2038 Locust Street, Philadelphia, PA 18193 (US). **CHEN, Linhua**; 402 Foulk Road, Apartment 2C1, Wilmington, DE 19803 (US). **LU, Zhonghui**; 3314 Old Capital Trail, Wilmington, DE 19808 (US). **MADUSKUIE, Thomas, P., Jr.**; 613 Foulkstone Road, Wilmington, DE 19803 (US). **VOSS, Matthew, E.**; 106 Westview Drive, Lincoln University, PA 19352 (US). **XUE, Chu-Biao**; 11 Rivendell Court, Hockessin, DE 19707 (US).

(74) **VANATTEN, Mary, K.**; Dupont Pharmaceuticals Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) AT AU BR CA CH CN CZ DE DK EE ES FI HU IN JP KR LT LU LV MX NZ PL PT RO SE SG SI SK UA VN ZA.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C07C 251/40, C07D 273/04, 271/07, A61K 31/535, 31/41, 31/40, 31/16, A61P 25/16**

(11) **WO 01/70674** (13) A1

(21) PCT/HU01/00029

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) P 0001178 **20 Mar/mar 2000** HU **(20.03.2000)**

(30) P 0100987 **7 Mar/mar 2001** HU **(07.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROPENECARBOXYLIC ACID AMIDOXIME DERIVATIVES, A PROCESS FOR THE PREPARATION THEREOF, AND PHARMACEUTICAL COMPOSITIONS CONTAINING THE SAME
• DERIVES AMIDOXIME D'ACIDE PROPENECARBOXYLIQUE, LEUR PROCEDE DE PREPARATION, ET COMPOSITIONS PHARMACEUTIQUES RENFERMANT CES DERIVES

(71) **N-GENE KUTATÓ KFT.** [HU/HU]; Szent István krt. 18, H-1137 Budapest (HU).
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(72, 75) **LITERÁTI NAGY, Péter** [HU/HU]; Jablonka u. 61/b, H-1037 Budapest (HU). **SÜMEGI, Balázs** [HU/HU]; Homokkő u. 7, H-7623 Pécs (HU). **TAKÁCS, Kálmán** [HU/HU]; Vas u. 12, H-1082 Budapest (HU).

(74) **ADVOPATENT**; Office of Patent and Trademark Attorneys, P.O. Box 11, H-1251 Budapest (HU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07C 259/06, 235/38, 235/78, 311/19, 321/20, 321/28, C07D 295/14, 213/75, 213/70, 239/90, 253/04, 209/12, 333/56, A61K 31/16, 31/18, 31/44, 31/495, A61P 35/00**

(11) **WO 01/70675** (13) A2

(21) PCT/IB01/00683

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 60/192,151 **24 Mar/mar 2000** US **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INHIBITORS OF HISTONE DEACETYLASE
• INHIBITEURS D'HISTONE DESACETYLASE

(71) **METHYLGENE, INC.** [CA/CA]; 7220 Frederick Banting, St. Laurent, Quebec H4S 2A1 (CA).

(72) **DELORME, Daniel**; 793 Charbonneau, St. Lazare, Quebec J7T 2B2 (CA). **WOO, Soon, Hyung**; 319 Pen Road, Beaconsfield, Quebec H9W 1B5 (CA). **VAISBURG, Arkadii**; #10 Riverwood Grove, Kirkland, Quebec H9J 2X2 (CA).

(74) **COTE, France** et al. / etc.; SWABEY OGILVY RENAULT, Suite 1600, 1981 McGill College Avenue, Montréal, Québec H3A 2Y3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07C 271/68, 47/225, A61K 31/11, 31/325**

(11) **WO 01/70676** (13) A1

(21) PCT/GB01/01213

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 0006741.3 **20 Mar/mar 2000** GB **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SPONGE ANTITUMOR COMPOUNDS
• COMPOSANTS ANTITUMORAUX PROVENANT D'UNE EPONGE

(71) **PHARMA MAR, S.A.** [ES/ES]; Calle de la Calera, 3, Poligono Industrial de Tres Cantos, Tres Cantos, E-28760 Madrid (ES).
(for all designated States except / pour tous les États désignés sauf US)

(71) **RUFFLES, Graham, Keith** [GB/GB]; 57-60 Lincoln's Inn Fields, London WC2A 3LS (GB).
(only for / seulement pour SD)

(72, 75) **TANAKA, Junichi** [JP/JP]; University of the Ryukyus, Department of Chemistry, Biology & Marine Science, Nishihara, Okinawa 903-0213 (JP). **HIGA, Tatsuo** [JP/JP]; University of the Ryukyus, Department of Chemistry, Biology & Marine Science, Nishihara, Okinawa 903-0213 (JP).

(74) **RUFFLES, Graham, Keith**; Marks & Clerk, 57-60 Lincoln's Inn Fields, London WC2A 3LS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07C 311/07, 311/09, 311/11, 311/14, 311/20, 311/24, 323/67, C07D 207/36, 211/14, 213/38, 213/70, 213/71, 213/81, 215/20, 233/84, 249/08, 275/02, 277/36, 277/42, 295/18, 295/22, 307/64, 307/81, 319/18, 333/20, 333/34, 409/12, 413/12, 413/14, 417/12, 487/04, 491/08, 491/10, A61K 31/18, A61P 25/28**

(11) **WO 01/70677** (13) A1

(21) PCT/GB01/01154

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 0006717.3 **20 Mar/mar 2000** GB **(20.03.2000)**

(30) 0026827.6 **2 Nov/nov 2000** GB **(02.11.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SULPHONAMIDO-SUBSTITUTED BRIDGED BICYCLOALKYL DERIVATIVES
• DÉRIVÉS DE BICYXLOALKYLE À PONTAGE À SUBSTITUTION SULPHONAMIDO

(71) **MERCK SHARP & DOHME LIMITED** [GB/GB]; Hertford Road, Hoddesdon, Hertfordshire EN11 9BU (GB). **MERCK FROSST CANADA & CO.** [CA/CA]; Purdy's Wharf Tower One, 1959 Upper Water Street, Halifax, Nova Scotia B3J 2X2 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BELANGER, Patrice, Charles** [CA/CA]; 419 Davignon Drive, Dollard-des-Ormeaux, Québec H9B 1Y4 (CA). **COLLINS, Ian, James** [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). **HANNAM, Joanne, Claire** [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). **HARRISON, Timothy** [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). **LEWIS, Stephen, John** [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). **MADIN, Andrew** [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). **MC IVER, Edward, Giles** [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). **NADIN, Alan, John** [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). **NEDUVELIL, Joseph, George** [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). **SHEARMAN, Mark, Steven** [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). **SMITH, Adrian, Leonard** [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). **SPAREY, Timothy, Jason** [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). **STEVENSON, Graeme, Irvine** [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) **HORGAN, James, Michael, Frederic**; European Patent Department, Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07C 317/00**

(11) **WO 01/70678** (13) A2

(21) PCT/EP01/03375

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) de (26) de

(30) 100 14 645.7 **24 Mar/mar 2000** DE **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SUBSTITUTED BIPHENYL DERIVATIVES
• DERIVES DE BIPHENYLE 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) **JURASZYK, Horst** [DE/DE]; Kleiner Ring 14, 64342 Seeheim (DE). **DORSCH, Dieter** [DE/DE]; Königsberger Strasse 17A, 64372 Ober-Ramstadt (DE). **MEDERSKI, Werner** [DE/DE]; Am Ohlenberg 29, 64390 Erzhausen (DE). **TSAKLAKIDIS, Christos** [GR/DE]; Hügelstrasse 1/1, 69469 Weinheim (DE). **BARNES, Christopher** [DE/DE]; Alleestrasse 21, 65812 Bad Soden (DE). **GLEITZ, Johannes** [DE/DE]; Liebigstrasse 26, 64293 Darmstadt (DE).

(74) **ISENBRUCK, Günter**; Bardehle, Pagenberg, Dost, Altenburg, Geissler, Isenbruck, Theodor-Heuss-Anlage 12, 68165 Mannheim (DE).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C07C 319/28, 319/26, 319/00, 321/12**

(11) **WO 01/70679** (13) A1

(21) PCT/US01/04695

(22) **13 Feb/fév 2001 (13.02.2001)**

(25) en (26) en

(30) 09/532,530 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • H_2S SCAVENGERS FOR POLYSULFIDE PRODUCTS AND METHODS FOR SCAVENGING H_2S FROM POLYSULFIDE PRODUCTS
• PIEGEURS D'H_2S POUR PRODUITS POLYSULFURES ET PROCEDES DE PIEGEAGE D'H_2S DANS DES PRODUITS SULFURES

(71) **THE LUBRIZOL CORPORATION** [US/US]; Patent Dept. - 022B, 29400 Lakeland Boulevard, Wickliffe, OH 44092-2298 (US).

(72) **FORESTER, David, R.**; 10209 Stonehedge Drive, Concord, OH 44077 (US). **MALIK, Bharat, B.**; 640 Birch Drive, Euclid, OH 44132 (US).

(74) **GILBERT, Teresan, W.**; The Lubrizol Corporation, 29400 Lakeland Boulevard, Wickliffe, OH 44092-2298 (US).

(81) AU CA JP SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C07C 323/09, 319/28**

(11) **WO 01/70680** (13) A1

(21) PCT/JP01/02220

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-77561 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS FOR PRODUCING 4-BROMOTHIOANISOLE
• PROCEDE DE PREPARATION D'UN 4-BROMOTHIOANISOLE

(71) **SUMITOMO SEIKA CHEMICALS CO., LTD.** [JP/JP]; 346-1, Miyanishi, Harimacho, Kako-gun, Hyogo 675-0145 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WAKIMURA, Kenichi** [JP/JP]; c/o Fine Chemicals Research Laboratory, Sumitomo Seika Chemicals Co., Ltd., 346-1, Miyanishi, Harimacho, Kako-gun, Hyogo 675-0145 (JP). **KARINO, Hitoshi** [JP/JP]; c/o Fine Chemicals Research Laboratory, Sumitomo Seika Chemicals Co., Ltd., 346-1, Miyanishi, Harimacho, Kako-gun, Hyogo 675-0145 (JP). **KAGANO, Hirokazu** [JP/JP]; c/o Fine Chemicals Research Laboratory, Sumitomo Seika Chemicals Co., Ltd., 346-1, Miyanishi, Harimacho, Kako-gun, Hyogo 675-0145 (JP).

(74) **YASUTOMI, Yasuo** et al. / etc.; Chuo BLDG., 4-20, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).

(81) CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C07C 335/20, C07H 21/00, C12Q 1/68, G01N 33/53**

(11) **WO 01/70681** (13) A1

(21) PCT/EP01/03295

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) de (26) de

(30) 100 13 993.0 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ARTICLES HAVING AN ACTIVATED SURFACE FOR IMMOBILIZING MACROMOLECULES AND METHOD FOR PRODUCING SUCH ARTICLES
• ARTICLE A SURFACE ACTIVEE POUR L'IMMOBILISATION DE MACROMOLECULES, ET PROCEDE DE FABRICATION D'UN TEL ARTICLE

(71) **CHIMERA BIOTEC GMBH** [DE/DE]; Schwachhauser Heerstrasse 30A, 28209 Bremen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BENTERS, Rüdiger** [DE/DE]; Brückstrasse 9, 26452 Sande (DE). **NIEMEYER, Christof** [DE/DE]; Tettenbornstrasse 4, 28211 Bremen (DE). **WÖHRLE, Dieter** [DE/DE]; Schelenkampsweg 12, 28359 Bremen (DE).

(74) **STILKENBÖHMER, Uwe**; Eisenführ, Speiser & Partner, Martinistrasse 24, 28195 Bremen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D**

(11) **WO 01/70682** (13) A2

(21) PCT/US01/08784

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/191,059 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CARBOCYCLIC SIDE CHAIN CONTAINING METALLOPROTEASE INHIBITORS
• CHAINE LATERALE CARBOCYCLIQUE CONTENANT DES INHIBITEURS DE METALLOPROTEASES

(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) **NATCHUS, Michael, George** [US/US]; 1096 Laurel Avenue, Cincinnati, OH 45246 (US). **PIKUL, Stanislaw** [PL/US]; 10833 Cottage Garden Drive, Apartment 101, Germantown, MD 20874 (US). **ALMSTEAD, Neil, Gregory** [US/US]; 167 Rachel Court, Franklin Park, NJ 08823 (US). **LAUFER-SWEILER, Matthew, J.** [US/US]; 4251 Green Arbors Lane, Cincinnati, OH 45249 (US). **BOOKLAND, Roger, Gunnard** [US/US]; 960 Spruceglen Drive, Cincinnati, OH 45224 (US). **TULLIS, Joshua, S.** [US/US]; 6671 Parklake Drive, Mason, OH 45040 (US). **DE, Biswanath** [US/US]; 11269 Cornell Woods Drive, Cincinnati, OH 45241 (US).

(74) **THE PROCTER & GAMBLE COMPANY**; c/o Reed, T., David, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 1/00**

(11) **WO 01/70683** (13) A2

(21) PCT/JP01/02344

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 2000-81937 **23 Mar/mar 2000** JP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • 3-SUBSTITUTED-4-PYRIMIDONE DERIVATIVES
• DERIVES 4-PYRIMIDONE 3-SUBSTITUES

(71) **MITSUBISHI-TOKYO PHARMACEUTICALS, INC.** [JP/JP]; 2-6, Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP). **SANOFI-SYNTHELABO** [FR/FR]; 174, avenue de France, F-75013 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANDO, Ryoichi** [JP/JP]; Mitsubishi-Tokyo Pharmaceuticals, Inc., Research Center, 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-0033 (JP). **UEHARA, Fumiaki** [JP/JP]; Mitsubishi-Tokyo Pharmaceuticals, Inc., Research Center, 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-0033 (JP). **SAITO, Ken-ichi** [JP/JP]; Mitsubishi-Tokyo Pharmaceuticals, Inc., Research C, enter, 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-0033 (JP).

(74) **IMAMURA, Masazumi** et al. / etc.; Kyobashi Nisshoku Building, 8th Floor, 8-7, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 207/00**

(11) **WO 01/70684** (13) A2

(21) PCT/US01/06173

(22) **27 Feb/fév 2001 (27.02.2001)**

(25) en (26) en

(30) 60/190,133 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PEPTIDOMIMETIC LIGANDS FOR CELLULAR RECEPTORS AND ION CHANNELS
• LIGANDS PEPTIDOMIMETIQUES POUR RECEPTEURS CELLULAIRES ET CANAUX IONIQUES

(63) US 60/190,133 (CIP)
16 Mar/mar 2000 (16.03.2000)

(71) **SEPRACOR, INC.** [US/US]; 111 Locke Drive, Marlborough, MA 01752 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PERSONS, Paul, E.** [US/US]; 526 Charlestown Meadows Drive, Westborough,

MA 01581 (US). **HOLLAND, Joanne, M.** [US/US]; 126 Harvard Street, #3, Brookline, MA 02445 (US). **HAUSKE, James, R.** [US/US]; 4 Ralph Road, Hopkinton, MA 01748 (US).

(74) **GORDON, Dana, M.** et al. / etc.; Patent Group, Foley, Hoag & Eliot, LLP, One Post Office Square, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 207/46, 401/12, C08G 65/329, C07F 7/18, C07D 213/82, A61K 47/48, C07K 17/06, 17/14, C12N 11/06, 11/14**

(11) **WO 01/70685** (13) A2

(21) PCT/US01/09252

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,186 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HYDRAZINE-BASED AND CARBONYL-BASED BIFUNCTIONAL CROSSLINKING REAGENTS
• AGENTS DE RETICULATION BIFONCTIONNELS A BASE D'HYDRAZINE ET DE CARBONYLE

(63) US 60/191,186 (CIP) 22 Mar/mar 2000 (22.03.2000)

(71) **SOLULINK, INCORPORATED** [US/US]; 6310 Nancy Ridge Drive, Suite 101, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHWARTZ, David, A.** [US/US]; 1544 Valleda Lane, Encinitas, CA 92024 (US).

(74) **SEIDMAN, Stephanie, L.** et al. / etc.; Heller Ehrman White & McAuliffe LLP, 4250 Executive Square, Suite 700, La Jolla, CA 92037 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 209/16, A61K 31/40**

(11) **WO 01/70686** (13) A1

(21) PCT/US00/31144

(22) **14 Nov/nov 2000 (14.11.2000)**

(25) en (26) en

(30) 60/190,205 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • 5-HYDROXY INDOLE DERIVATIVES FOR TREATING GLAUCOMA
• DERIVES DE 5-HYDROXY-INDOLE DESTINES AU TRAITEMENT DU GLAUCOME

(71) **ALCON UNIVERSAL LTD.** [CH/CH]; P.O. Box 62, Bosch 60, CH-6331 Hunenberg (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAY, Jesse, A.** [US/US]; 4132 Hildring Drive, Fort Worth, TX 76109 (US). **ZINKE, Paul, W.** [US/US]; 4129 Willow Way Road, Fort Worth, TX 76133 (US).

(74) **YEAGER, Sally, S.** et al. / etc.; R & D Counsel, Mail Code Q-148, 6201 South Freeway, Fort Worth, TX 76134 (US).

(81) AU BR CA CN JP KR MX PL US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C07D 209/40, A61K 31/40, C07D 401/12, A61K 31/44, C07D 409/12, A61K 31/535**

(11) **WO 01/70687** (13) A1

(21) PCT/EP01/03144

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) de (26) de

(30) 100 14 370.9 **23 Mar/mar 2000** DE **(23.03.2000)**

(30) 100 38 975.9 **10 Aug/août 2000** DE **(10.08.2000)**

(30) 100 65 434.7 **27 Dec/déc 2000** DE **(27.12.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INDOLES FOR TREATING DISEASES THAT CAN BE TREATED USING THYROID HORMONES
• INDOLES POUR LE TRAITEMENT DE MALADIES POUVANT ETRE TRAITEES A L'AIDE D'HORMONES THYROIDIENNES

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HANING, Helmut** [DE/DE]; Claudiusweg 3, 42115 Wuppertal (DE). **SCHMIDT, Gunter** [DE/DE]; Pahlkestr. 63, 42115 Wuppertal (DE). **PERNERSTORFER, Josef** [AT/DE]; Alsenstr. 19, 42103 Wuppertal (DE). **SCHMECK, Carsten** [DE/DE]; Graf-Adolf-Str. 36, 42119 Wuppertal (DE). **MÜLLER, Ulrich** [DE/DE]; Neuer Triebel 91, 42111 Wuppertal (DE). **BISCHOFF, Hilmar** [DE/DE]; Am Rohm 78, 42113 Wuppertal (DE). **VÖHRINGER, Verena** [DE/DE]; Am Hochsitz 17, 42113 Wuppertal (DE). **REINEMER, Peter** [DE/JP]; 5-31-401 Rokkodai-cho, Nada-ku, Kobe, Hyogo 657-0013 (JP). **APELER, Heiner** [DE/DE]; Neuer Triebel 71, 42111 Wuppertal (DE). **SCHMIDT, Delf** [DE/DE]; Am Eckbusch 55b, 42113 Wuppertal (DE). **JONGHAUS, Willi** [DE/DE]; Am Eckbusch 55, 42113 Wuppertal (DE). **FAESTE, Christiane** [DE/DE]; Zwirnerweg 15, 42781 Haan (DE). **ZOCHE, Martin** [DE/DE]; Egenstr. 64, 42113 Wuppertal (DE). **HAUSWALD, Markus** [DE/DE]; Hammersteiner Allee 32, 42329 Wuppertal (DE). **WOLTERING, Michael** [DE/DE]; Falkenberg 151, 42113 Wuppertal (DE). **KRETSCHMER, Axel** [DE/DE]; Am Acker 23, 42113 Wuppertal (DE).

(74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 211/00**

(11) **WO 01/70688** (13) A2

(21) PCT/EP01/02852

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) de (26) de

(30) 100 13 499.8 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SUBSTITUTED BENZAMIDES
• BENZAMIDES SUBSTITUES

(71) **GRÜNENTHAL GMBH** [DE/DE]; Zieglerstrasse 6, 52078 Aachen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FROSCH, Stefanie** [DE/DE]; Beckerstrasse 49, 52078 Aachen (DE). **GERMANN, Tieno** [DE/DE]; Forensberger Strasse 16, 52134 Herzogenrath (DE). **ZIMMER, Oswald** [DE/DE]; Talblick 39, 52146 Würselen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)[7] **C07D 211/32, 401/04, 471/10, A61K 31/454, 31/438, 31/451, 31/4725, A61P 43/00, 25/00, 25/18, 25/24, 25/08, 25/28, 25/16, 25/04**

(11) **WO 01/70689** (13) A1

(21) PCT/JP01/02265

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) ja (26) ja

(30) 2000-85202 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DIPHENYLALKYLAMINE DERIVATIVES USEFUL AS OPIOID δ RECEPTOR AGONISTS
• DERIVES DE LA DIPHENYLALKYLAMINE UTILES COMME AGONISTES DU RECEPTEUR DE L'OPIOIDE δ

(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) **TSUSHIMA, Masaki** [JP/JP]; c/o PHARMACEUTICAL RESEARCH CENTER, MEIJI SEIKA KAISHA, LTD., 760, Morooka-cho, Kouhoku-ku, Yokohama-shi, Kanagawa 222-8567 (JP). **TADAUCHI, Kaori** [JP/JP]; c/o PHARMACEUTICAL RESEARCH CENTER, MEIJI SEIKA KAISHA, LTD., 760, Morooka-cho, Kouhoku-ku, Yokohama-shi, Kanagawa 222-8567 (JP). **ASAI, Kenji** [JP/JP]; c/o PHARMACEUTICAL RESEARCH CENTER, MEIJI SEIKA KAISHA, LTD., 760, Morooka-cho, Kouhoku-ku, Yokohama-shi, Kanagawa 222-8567 (JP). **MIIKE, Naoko** [JP/JP]; c/o PHARMACEUTICAL RESEARCH CENTER, MEIJI SEIKA KAISHA, LTD., 760, Morooka-cho, Kouhoku-ku, Yokohama-shi, Kanagawa 222-8567 (JP). **KUDO, Toshiaki** [JP/JP]; c/o PHARMACEUTICAL RESEARCH CENTER, MEIJI SEIKA KAISHA, LTD., 760, Morooka-cho, Kouhoku-ku, Yokohama-shi, Kanagawa 222-8567 (JP).

(74) **IMAMURA, Masazumi** et al. / etc.; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 211/34, 401/06, 405/06, 409/06, 417/06, 413/06, 211/66, 335/02, 309/06, A61K 31/4545, A61P 29/00**

(11) **WO 01/70690** (13) A1

(21) PCT/US01/08783

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/191,303 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HETEROCYCLIC SIDE CHAIN CONTAINING METALLOPROTEASE INHIBITORS
• CHAINE LATERALE HETEROCYCLIQUE CONTENANT DES INHIBITEURS DE METALLOPROTEASES

(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) **PIKUL, Stanislaw** [PL/US]; 10833 Cottage Garden Drive, Apt. 101, Germantown, MD 20874 (US). **OHLER, Norman, Eugene** [US/US]; D12506 Great Park Circle, Germantown, MD 20876 (US). **ALMSTEAD, Neil, Gregory** [US/US]; 167 Rachel Court, Franklin Park, NJ 08823 (US). **LAUGHLIN, Steven, Karl** [US/US]; 5039 Sandman Drive #12, Taylor Mill, KY 41015 (US). **NATCHUS, Michael, George** [US/US]; 1096 Laurel Avenue, Cincinnati, OH 45246 (US). **DE, Biswanath** [US/US]; 11269 Cornell Woods Drive, Cincinnati, OH 45241 (US).

(74) **THE PROCTER & GAMBLE COMPANY**; c/o Reed, T., David, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **C07D 211/34, 211/96, 211/66, 309/14, 309/08, 309/06, 407/12, 401/12, A61K 31/445, 31/535, 31/35**

(11) **WO 01/70691** (13) A1

(21) PCT/US01/08931

(22) **2 Mar/mar 2001 (02.03.2001)**

(25) en (26) en

(30) 60/191,302 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HETEROCYCLIC SIDE CHAIN CONTAINING, N-SUBSTITUTED METALLOPROTEASE INHIBITORS
• INHIBITEURS DE METALLOPROTEASES N-SUBSTITUES RENFERMANT UNE CHAINE LATERALE HETEROCYCLIQUE

(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) **PIKUL, Stanislaw** [PL/US]; 10833 Cottage Garden Drive, Apt. 101, Germantown, MD 20874 (US). **OHLER, Norman, Eugene** [US/US]; D12506 Great Park Circle, Germantown, MD 20876 (US). **ALMSTEAD, Neil, Gregory** [US/US]; 167 Rachel Court, Franklin Park, NJ 08823 (US). **LAUGHLIN, Steven, Karl** [US/US]; 5039 Sandman Drive, #12, Taylor Mill, KY 41015 (US). **NATCHUS, Michael, George** [US/US]; 1096 Laurel Avenue, Cincinnati, OH 45246 (US). **DE, Biswanath** [US/US]; 11269 Cornell Woods Drive, Cincinnati, OH 45241 (US).

(74) **THE PROCTER & GAMBLE COMPANY**; c/o Mr. T. David Reed, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **C07D 213/00**

(11) **WO 01/70692** (13) A2

(21) PCT/EP01/03083

(22) **17 Mar/mar 2001 (17.03.2001)**

(25) de (26) de

(30) 100 14 006.8 **22 Mar/mar 2000** DE **(22.03.2000)**

(30) 100 57 911.6 **21 Nov/nov 2000** DE **(21.11.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HETEROCYCLIC ACYLSULFIMIDES, A METHOD FOR THEIR PRODUCTION, AGENTS CONTAINING THE SAME AND THEIR USE AS PESTICIDES
• ACYLSULFIMIDES HETEROCYCLIQUES, LEUR PROCEDE DE PREPARATION, SUBSTANCES LES CONTENANT, ET LEUR UTILISATION EN TANT QU'AGENT DE LUTTE CONTRE LES PARASITES

(71) **AVENTIS CROPSCIENCE GMBH** [DE/DE]; Brüningstrasse 50, 65929 Frankfurt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(71) **KORNUTA, Nataliya, Olexandrivna** (heiress of the deceased inventor / héritière

de l'inventeur décédé) [UA/UA]; O.Gonchara Str. 41a, App. 13, Kiev, 01034 (UA).
(only for / seulement pour US)

(72) **KORNUTA, Pavel, Petrovich** (deceased / décédé).

(72, 75) **SHERMOLOVICH, Yuriy Grigorievich** [UA/UA]; Prospect 40-let Oktyabrya, 21, app. 69, Kiev, 03039 (UA). **DÖLLER, Uwe** [DE/DE]; Rembrandtring 24a, 63110 Rodgau (DE). **ORT, Oswald** [DE/DE]; Eppenhainer Strasse 14, 61479 Glashütten (DE). **SCHAPER, Wolfgang** [DE/DE]; Kapellenweg 5c, 86420 Diedorf (DE). **JANS, Daniela** [DE/DE]; Schöne Aussicht 11, 61348 Bad Homburg v. d. H. (DE). **SANFT, Ulrich** [DE/DE]; Am Vogelgesang 7g, 65817 Eppstein/Ts. (DE). **THÖNESSEN, Maria-Theresia** [DE/DE]; Frauenlobstrasse 10, 55262 Heidesheim (DE). **BECKMANN, Marion** [DE/DE]; Dreiweidenstrasse 8, 65195 Wiesbaden (DE). **WAIBEL, Jutta, Maria** [DE/DE]; Manderscheider Strasse 51, 60529 Frankfurt (DE). **PAZENOK, Sergiy** [UA/DE]; Am Flachsland 56, 65779 Kelkheim (DE).

(81) AE AG AL AM AU AZ BA BB BG BR BY BZ CA CN CO CR CU CZ DM DZ EE GD GE HR HU ID IL IN IS JP KG KP KR KZ LC LK LR LT LV MA MD MG MK MN MX NO NZ PL RO RU SG SI SK TJ TM TT UA US UZ VN YU ZA.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 213/55, 209/18, 307/54, 277/74, 277/36, 213/70, 233/84, C07C 59/64, 57/30, 323/62, 323/56, 47/23, 47/24, 47/277, A61K 31/192, 31/4402, 31/4406, 31/4409, 31/426, 31/428, 31/4164, A61P 9/00, 17/00, 19/00, 27/00, 29/00**

(11) **WO 01/70693** (13) A2

(21) PCT/US01/08781

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/191,296 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DIFLUOROBUTYRIC ACID METALLOPROTEASE INHIBITORS
• INHIBITEURS DE METALLOPROTEASES D'ACIDE DIFLUOROBUTYRIQUE

(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) **PIKUL, Stanislaw** [PL/US]; 10833 Cottage Garden Drive, Apt. 101, Germantown, MD 20874 (US). **MIELING, Glen, Edward** [US/US]; 7395 Desert Spring Court, West Chester, OH 45069 (US). **SOLINSKY, Kelly, Michelle** [US/US]; 3150 Willis Avenue, Cincinnati, OH 45208 (US). **ALMSTEAD, Neil, Gregory** [US/US]; 167 Rachel Court, Franklin Park, NJ 08823 (US). **DE, Biswanath** [US/US]; 11269 Cornell Woods Drive, Cincinnati, OH 45241 (US). **NATCHUS, Michael, George** [US/US]; 1096 Laurel Avenue, Cincinnati, OH 45246 (US).

(74) **REED, T., David**; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 213/74**

(11) **WO 01/70694** (13) A1

(21) PCT/HR00/00011

(22) **2 May/mai 2000 (02.05.2000)**

(25) en (26) en

(30) P20000162A **20 Mar/mar 2000** HR **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AMORPHOUS TORASEMIDE MODIFICATION
• FORME MODIFIEE DE TORASEMIDE AMORPHE

(71) **PLIVA d.d.** [HR/HR]; Ulica grada Vukovara 49, 10000 Zagreb (HR).
(for all designated States except / pour tous les États désignés sauf US)

(71) **FILIĆ, Darko** [HR/HR]; Marice Barić 17, 10000 Zagreb (HR). **DUMIĆ, Miljenko** [HR/HR]; Ivane Brlić Mažuranić, 10000 Zagreb (HR).
(only for / seulement pour US)

(72, 75) **KLEPIĆ, Božena** [HR/HR]; Petra Skoka 8, 10450 Jastrebarsko (HR). **DANILOVSKI, Aleksandar** [HR/HR]; Rastočine 4/VI, 51000 Rijeka (HR). **TUDJA, Marijan** [HR/HR]; Koste Racina 3, 10000 Zagreb (HR).

(74) **PLIVA d.d.**; Pravni Poslovi, Vesna Vasiljevic, Ulica grada Vukovara 49, 10000 Zagreb (HR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 213/75, 489/04, A61K 31/4402, 31/5025, A61P 9/10, 17/00, 29/00, 35/00, 37/00**

(11) **WO 01/70695** (13) A1

(21) PCT/US01/09256

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,358 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INHIBITORS OF p38
• INHIBITEURS DE P38

(71) **VERTEX PHARMACEUTICALS INCORPORATED** [US/US]; 130 Waverly Street, Cambridge, MA 02139-4242 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SALITURO, Francesco** [US/US]; 25 Baker Drive, Marlborough, MA 01752 (US). **BEMIS, Guy** [US/US]; 256 Appleton Street, Arlington, MA 02476 (US). **EVINDAR, Ghotas** [CA/CA]; 30 Charles Street W., Apartment 609, Toronto, Ontario M4Y 1R5 (CA).

(74) **HALEY, James, F., Jr.**; c/o Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Published / Publiée : *(c)*

Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(t) for all designations / pour toutes les désignations

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(51)[7] **C07D 213/77, 405/12, 409/12, 417/12, A61K 31/443, 31/4709, 31/4402, 31/5377, 31/4436, 31/4545, A61P 43/00, 35/00, 35/04, 29/00, 19/02**

(11) **WO 01/70696** (13) A1

(21) PCT/JP01/02157

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ja (26) ja

(30) 2000-78808 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NITROETHENAMINE DERIVATIVES OR SALTS THEREOF AND PHARMACEUTICAL COMPOSITIONS CONTAINING THE DERIVATIVES OR THE SALTS
• DERIVES DE NITROETHENAMINE OU SELS DESDITS COMPOSES, ET COMPOSITIONS PHARMACEUTIQUES CONTENANT CES DERIVES OU CES SELS

(71) **ISHIHARA SANGYO KAISHA, LTD.** [JP/JP]; 3-15, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIYATA, Keizo** [JP/JP]; c/o Ishihara Sangyo Kaisha, Ltd., Chuo Kenkyusho, 3-1, Nishi-shibukawa 2-chome, Kusatsu-shi, Shiga 525-0025 (JP). **KIMURA, Hirohiko** [JP/JP]; c/o Ishihara Sangyo Kaisha, Ltd., Chuo Kenkyusho, 3-1, Nishi-shibukawa 2-chome, Kusatsu-shi, Shiga 525-0025 (JP). **YAMAMOTO, Kazuhiro** [JP/JP]; c/o Ishihara Sangyo Kaisha, Ltd., Chuo Kenkyusho, 3-1, Nishi-shibukawa 2-chome, Kusatsu-shi, Shiga 525-0025 (JP).

(74) **SENMYO, Kenji** et al. / etc.; Torimoto Kogyo Bldg., 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo 101-0042 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 215/16, 215/20, C07C 211/00, 233/00**

(11) **WO 01/70697** (13) A1

(21) PCT/US01/08865

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,588 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESSES FOR PREPARING 6-HYDROXY-3,4-DIHYDROQUINOLINONE, CILOSTAZOL AND N-(4-METHOXYPHENYL)-3-CHLOROPROPIONAMIDE

• PROCEDES DE PREPARATION DE 6-HYDROXY-3,4-DIHYDROQUINOLINONE, DE CILOSTAZOL ET DE N-(4-METHOXYPHENYL)-3-CHLOROPROPIONAMIDE

(71) **TEVA PHARMACEUTICAL INDUSTRIES LTD.** [IL/IL]; 5 Basel Street, P.O. Box 3190, 49131 Petah Tiqva (IL).
(for all designated States except / pour tous les États désignés sauf BB US)

(71) **TEVA PHARMACEUTICALS USA, INC.** [US/US]; 1090 Horsham Road, P.O. Box 1090, North Wales, PA 19454-1090 (US).
(only for / seulement pour BB)

(72, 75) **MENDELOVICI, Marioara** [IL/IL]; Rechov Hadar 6/12, Rehovot (IL). **PILARSKY, Gideon** [IL/IL]; Ataroth 12/29, Holon (IL). **NIDAM, Tamar** [IL/IL]; Rechov Weizman 53/40, Yehud (IL).

(74) **BRAINARD, Charles, R.** et al. / etc.; Kenyon & Kenyon, One Broadway, New York, NY 10004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 215/22, 215/14, A61K 31/47, A61P 43/00, 3/10, 3/06, 9/10**

(11) **WO 01/70698** (13) A1

(21) PCT/JP01/02168

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ja (26) ja

(30) 2000-79146 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • QUINOLINE DERIVATIVES AND MEDICINAL USE THEREOF

• DERIVES QUINOLINE ET UTILISATION MEDICINALE DE CEUX-CI

(71) **MITSUI CHEMICALS, INC.** [JP/JP]; 2-5, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-6070 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TSUNODA, Hidetoshi** [JP/JP]; c/o Mitsui Chemicals, Inc., 1144, Togo, Mobara-shi, Chiba 297-0017 (JP). **FUKAZAWA, Nobuyuki** [JP/JP]; c/o Mitsui Chemicals, Inc., 2-5, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-6070 (JP). **NAGASE, Hiroshi** [JP/JP]; c/o Mitsui Chemicals, Inc., 1144, Togo, Mobara-shi, Chiba 297-0017 (JP). **CHIBA, Kyoko** [JP/JP]; c/o Mitsui Chemicals, Inc., 1144, Togo, Mobara-shi, Chiba 297-0017 (JP). **NAKAO, Toshifumi** [JP/JP]; c/o Mitsui Chemicals, Inc., 1144, Togo, Mobara-shi, Chiba 297-0017 (JP). **ASADA, Noriaki** [JP/JP]; c/o Mitsui Chemicals, Inc., 1144, Togo, Mobara-shi, Chiba 297-0017 (JP). **YAMAKI, Toshifumi** [JP/JP]; c/o Mitsui Chemicals, Inc., 1144, Togo, Mobara-shi, Chiba 297-0017 (JP). **KIBAYASHI, Kenji** [JP/JP]; 3-21-28, Saidera, Suita-shi, Osaka 565-0836 (JP). **MIGITA, Hideyuki** [JP/JP]; 2141, Togo, Mobara-shi, Chiba 297-0017 (JP). **MORIKAWA, Maki** [JP/JP]; 2785-1, Mutsuno, Mobara-shi, Chiba 297-0012 (JP).

(74) **KANEDA, Nobuyuki** et al. / etc.; 8th Floor, 16th Kowa Bldg., 9-20, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C07D 219/08, 241/46, A61K 51/04**

(11) **WO 01/70699** (13) A1

(21) PCT/JP01/02205

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-80083 **22 Mar/mar 2000** JP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AZURE A ANALOGUES USEFUL AS PROBES IN THE DIAGNOSTIC IMAGING FOR DISEASES DUE TO ACCUMULATION OF AMYLOID AND COMPOSITIONS FOR DIAGNOSTIC IMAGING CONTAINING THE ANALOGUES

• ANALOGUES D'AZUR A UTILISES COMME SONDES DANS L'IMAGERIE DIAGNOSTIQUE DES MALADIES DUES A L'ACCUMULATION D'AMYLOIDE, ET COMPOSITIONS RENFERMANT CES ANALOGUES DESTINEES A L'IMAGERIE DIAGNOSTIQUE

(71) **BF RESEARCH INSTITUTE, INC.** [JP/JP]; 17-85, Jyusohonmachi 2-chome, Yodogawa-ku, Osaka-shi, Osaka 532-8686 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KUDO, Yukitsuka** [JP/JP]; Room 105, Daiichi Virasante, 15-11, Senriyamahigashi 1-chome, Suita-shi, Osaka 565-0842 (JP). **SUZUKI, Masako** [JP/JP]; 19-3, Suehiro-cho, Suita-shi, Osaka 564-0022 (JP). **SUEMOTO, Takahiro** [JP/JP]; Room 402, RAVIR, 1-55, Onoharahigashi 1-chome, Minoh-shi, Osaka 562-0031 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; AOYAMA & PARTNERS, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 231/06, 409/04, 401/04, A61K 31/415, A61P 25/04, 9/00, C07D 231/08**

(11) **WO 01/70700** (13) A1

(21) PCT/EP01/03247

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 00201032.0 **23 Mar/mar 2000** EP **(23.03.2000)**

(30) 1014728 **23 Mar/mar 2000** NL **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • 4,5-DIHYDRO-1H-PYRAZOLE DERIVATIVES HAVING CB_1-ANTAGONISTIC ACTIVITY

• DERIVES DE 4,5-DIHYDRO-1H-PYRAZOLE AYANT UNE ACTIVITE ANTAGONISTE DE CB_1

(71) **SOLVAY PHARMACEUTICALS B.V.** [NL/NL]; C.J. van Houtenlaan 36, NL-1381 CP Weesp (NL).

(72) **LANGE, Josephus, H., M.**; C.J. van Houtenlaan 36, NL-1381 CP Weesp (NL). **KRUSE, Cornelis, G.**; C.J. van Houtenlaan 36, NL-1381 CP Weesp (NL). **TIPKER,**

Jacobus; C.J. van Houtenlaan 36, NL-1381 CP Weesp (NL). **TULP, Martinus, T., M.**; C.J. van Houtenlaan 36, NL-1381 CP Weesp (NL). **VAN VLIET, Bernardus, J.**; C.J. van Houtenlaan 36, NL-1381 CP Weesp (NL).

(74) **MUIS, Maarten**; Octrooibureau Zoan B.V., P.O. Box 140, NL-1380 AC Weesp (NL).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 231/56, A61K 31/416, A61P 27/06**

(11) **WO 01/70701** (13) A1

(21) PCT/US00/31143

(22) **14 Nov/nov 2000 (14.11.2000)**

(25) en (26) en

(30) 60/190,283 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • 5-HYDROXY INDAZOLE DERIVATIVES FOR TREATING GLAUCOMA
• DERIVES D'INDAZOLE 5-HYDROXY PERMETTANT DE TRAITER LE GLAUCOME

(71) **ALCON UNIVERSAL LTD.** [CH/CH]; P.O. Box 62, Bosch 60, CH-6331 Hunenberg (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAY, Jesse, A.** [US/US]; 4132 Hildring Drive, Fort Worth, TX 76109 (US). **FENG, Zixia** [CN/US]; 4204 Hideaway Drive, Fort Worth, TX 76107 (US).

(74) **YEAGER, Sally, S.** et al. / etc.; R & D Counsel, Mail Code Q-148, 6201 South Freeway, Fort Worth, TX 76134 (US).

(81) AU BR CA CN JP KR MX PL US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C07D 231/56, A61K 31/416, A61P 27/06**

(11) **WO 01/70702** (13) A1

(21) PCT/US00/31247

(22) **14 Nov/nov 2000 (14.11.2000)**

(25) en (26) en

(30) 60/190,380 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • 6-HYDROXY-INDAZOLE DERIVATIVES FOR TREATING GLAUCOMA
• DERIVES DE 6-HYDROXY-INDAZOLE DESTINES AU TRAITEMENT DU GLAUCOME

(71) **ALCON UNIVERSAL LTD.** [CH/CH]; P.O. Box 62, Bosch 60, CH-6331 Hunenberg (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAY, Jesse, A.** [US/US]; 4132 Hildring Drive, Fort Worth, TX 76109 (US). **DANTANARAYANA, Anura, P.** [US/US]; 5824 Bayside Drive, Fort Worth, TX 76132 (US). **FENG, Zixia** [CN/US]; 4024 Hideaway Drive, Fort Worth, TX 76017 (US).

(74) **YEAGER, Sally, S.** et al. / etc.; R & D Counsel, Mail Code Q-148, 6201 South Freeway, Fort Worth, TX 76134 (US).

(81) AU BR CA CN JP KR MX PL US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C07D 233/00**

(11) **WO 01/70703** (13) A2

(21) PCT/US01/09262

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/533,207 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SUBSTITUTED 1-(4-AMINOPHENYL)IMIDAZOLES AND THEIR USE AS ANTI-INFLAMMATORY AGENTS
• 1-(4-AMINOPHENYL)IMIDAZOLES SUBSTITUES ET LEUR UTILISATION COMME AGENTS ANTI-INFLAMMATOIRES

(71) **BOEHRINGER INGELHEIM PHARMACEUTICALS, INC.** [US/US]; 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US).

(72) **BETAGERI, Rajashekhar**; 62 Redwood Drive, Bethel, CT 06801 (US).

(74) **RAYMOND, Robert, P.** et al. / etc.; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877 (US).

(81) CA JP MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C07D 233/68, A61K 31/4164, A61P 29/00**

(11) **WO 01/70704** (13) A1

(21) PCT/ES01/00114

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) es (26) es

(30) P 200000707 **23 Mar/mar 2000** ES **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NOVEL IMIDAZOLE DERIVATIVES WITH ANTI-INFLAMMATORY ACTIVITY
• NOUVEAUX DERIVES D'IMIDAZOLE AVEC ACTIVITE ANTI-INFLAMMATOIRE

(71) **J. URIACH & CIA S.A.** [ES/ES]; Decano Bahi, 59-67, E-08026 Barcelona (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALMANSA ROSALES, Carmen** [ES/ES]; Independencia, 333, E-08026 Barcelona (ES). **GONZALEZ GONZALEZ, Concepcion** [ES/ES]; Sant Joan Bosco, 56, E-08830 Sant Boi de Llobregat (ES). **TORRES BARREDA, María Carmen** [ES/ES]; Ponent, 160, E-08912 Badalona (ES).

(74) **ISERN JARA, Jaime**; Avenida Diagonal, 463 bis 2, E-08036 Barcelona (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 235/30, A61K 31/4184, A61P 27/06**

(11) **WO 01/70705** (13) A1

(21) PCT/US00/31260

(22) **14 Nov/nov 2000 (14.11.2000)**

(25) en (26) en

(30) 60/190,280 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • 2-ACYLAMINOBENZIMIDAZOLE DERIVATIVES FOR TREATING GLAUCOMA
• DERIVES DE 2-ACYLAMINOBENZIMIDAZOLE UTILISES POUR TRAITER LE GLAUCOME

(71) **ALCON UNIVERSAL LTD.** [CH/CH]; Bosch 60, P.O. Box 62, CH-6331 Hunenberg (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RUSINKO, Andrew** [US/US]; 2502 Mandy Way, Arlington, TX 76017 (US). **HELLBERG, Mark, R.** [US/US]; 5211 Overridge Drive, Arlington, TX 76017 (US). **NAMIL, Abdelmuola** [FR/US]; 6007 Green Forest Court, Arlington, TX 76001 (US).

(74) **YEAGER, Sally, S.** et al. / etc.; R & D Counsel, 6201 South Freeway, Mail Code Q-148, Fort Worth, TX 76134 (US).

(81) AU BR CA CN JP MX PL US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C07D 237/00**

(11) **WO 01/70706** (13) A2

(21) PCT/US01/05811

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 60/191,291 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • 4-OXO-1,4-DIHYDRO-3-CINNOLINECARBOXAMIDES AS ANTIVIRAL AGENTS
• 4-OXO-1,4-DIHYDRO-3-CINNOLINECARBOXAMIDES EN TANT QU'AGENTS ANTIVIRAUX

(71) **PHARMACIA & UPJOHN COMPANY** [US/US]; 301 Henrietta Street, Kalamazoo, MI 49001 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAILLANCOURT, Valerie, A.** [US/US]; 4342 Bronson Boulevard, Kalamazoo, MI 49008 (US). **LARSEN, Scott, D.** [US/US]; 56 Naples Court, Kalamazoo, MI 49009 (US). **NAIR, Sajiv, K.** [IN/US]; 4373 Hemmingway Drive, Kalamazoo, MI 49009 (US).

(74) **SOLOMON, Andrew, M.**; Intellectual Property Legal Services, Pharmacia & Upjohn Company, 301 Henrietta Street, Kalamazoo, MI 49001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 239/00**

(11) **WO 01/70707** (13) A2

(21) PCT/US01/07865

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 60/191,572 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ASYMMETRIC SYNTHESIS OF QUINAZOLIN-2-ONES USEFUL AS HIV REVERSE TRANSCRIPTASE INHIBITORS

• SYNTHESE ASYMETRIQUE DE QUINAZOLIN-2-ONES UTILISEES COMME INHIBITEURS DE LA TRANSCRIPTASE INVERSE DU VIH

(71) **DUPONT PHARMACEUTICALS COMPANY** [US/US]; Chestnut Run Plaza, 974 Centre Road, Wilmington, DE 19805 (US).

(72) **PARSONS, Rodney, L.**; 1804 Thomas Road, Wilmington, DE 19803 (US). **DOROW, Roberta, L.**; 3554 Swan Creek, Portage, MI 49024 (US). **DAVULCU, Akin, H.**; 2414 McCawber Drive, Wilmington, DE 19808 (US). **FORTUNAK, Joseph, M.**; 19 Somerset Lane, Newark, DE 19711 (US). **HARRIS, Gregory, D.**; 304 Spalding Road, Wilmington, DE 19803 (US). **KAUFFMAN, Goss, S.**; 7 Pegasus Place, Bear, DE 19701 (US). **NUGENT, William, A.**; 5 Coachman Court, Wilmington, DE 19803 (US). **RADESCA, Lilian, A.**; 103 Cheltenham Road, Newark, DE 19711 (US).

(74) **VANATTEN, Mary, K.**; Dupont Pharmaceuticals Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) AT AU BR CA CH CN CZ DE DK EE ES FI GB HU IL IN JP KR LT LU LV MX NO NZ PL PT RO SE SG SI SK UA VN ZA.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C07D 241/02, 241/36, 401/00, 413/00, 487/00, A61K 31/535, 31/495, 31/50, A61P 15/10**

(11) **WO 01/70708** (13) A1

(21) PCT/US01/08935

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/191,442 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 60/242,265 **20 Oct/oct 2000** US **(20.10.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SUBSTITUTED PIPERIDINES AS MELANOCORTIN RECEPTOR AGONISTS

• PIPERIDINES SUBSTITUEES EN TANT QU'AGONISTES DU RECEPTEUR DE LA MELANOCORTINE

(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) **PALUCKI, Brenda, L.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **BARAKAT, Khaled, J.** [—/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **GUO, Liangqin** [CN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **LAI, Yingjie** [CA/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **NARGUND, Ravi, P.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **PARK, Min, K.** [KR/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **POLLARD, Patrick, G.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **SEBHAT, Iyassu, K.** [GB/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **YE, Zhixiong** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(74) **MERCK & CO., INC.**; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 285/32**

(11) **WO 01/70709** (13) A2

(21) PCT/NL01/00191

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) en (26) en

(30) 00200825.8 **8 Mar/mar 2000** EP **(08.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • 3-OXY-7-SULFAMYL-3,4-DIHYDRO-1,2,4-BENZOTHIADAZINE-1,1-DIOXIDE DERIVATIVES HAVING DIURETIC AND/OR NATRIURETIC ACTIVITY

• DERIVES DE 3-OXY-7-SULFAMYL-3,4-DIHYDRO-1,2,4-BENZOTHIADAZINE-1,1-DIOXYDE A ACTIVITE DIURETIQUE ET/OU NATRIURIQUE

(71) **FARMA INVENTA B.V.** [NL/NL]; Snelliusstraat 6, NL-6533 NV Nijmegen (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GUELEN, Petrus, Johannes, Maria** [NL/NL]; Voorstraat 11, NL-5371 KE Ravenstein (NL).

(74) **PRINS, A., W.**; Vereenigde, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 301/19 // 303/04, C07B 61/00**

(11) **WO 01/70710** (13) A1

(21) PCT/JP01/02186

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ja (26) ja

(30) 2000-83961 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS FOR PRODUCING PROPYLENE OXIDE

• PROCEDE DE PRODUCTION D'OXYDE DE PROPYLENE

(71) **SUMITOMO CHEMICAL COMPANY, LIMITED** [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8550 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TSUJI, Junpei** [JP/JP]; 1-9-2-225, Yushudainishi, Ichihara-shi, Chiba 299-0125 (JP). **YAMAMOTO, Jun** [JP/JP]; 98-4-405, Daijuku, Sodegaura-shi, Chiba 299-0241 (JP).

(74) **JINNO, Naoyoshi** et al. / etc.; c/o Sumitomo Chemical Intellectual Property Service, Limited, 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8550 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU

TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 301/19 // 303/04, C07B 61/00**

(11) **WO 01/70711** (13) A1

(21) PCT/JP01/02187

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ja (26) ja

(30) 2000-83962 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS FOR PRODUCING PROPYLENE OXIDE
• PROCEDE DE PRODUCTION D'OXYDE DE PROPYLENE

(71) **SUMITOMO CHEMICAL COMPANY, LIMITED** [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8550 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TSUJI, Junpei** [JP/JP]; 1-9-2-225, Yushudainishi, Ichihara-shi, Chiba 299-0125 (JP). **OMAE, Toshikazu** [JP/JP]; 144-16, Mariyatsu, Kisarazu-shi, Chiba 292-0201 (JP).

(74) **JINNO, Naoyoshi** et al. / etc.; c/o Sumitomo Chemical Intellectual Property Service, Limited, 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8550 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 301/19 // 303/04, C07B 61/00**

(11) **WO 01/70712** (13) A1

(21) PCT/JP01/02188

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ja (26) ja

(30) 2000-83964 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS FOR PRODUCING OXIRANE COMPOUND
• PROCEDE DE PRODUCTION D'UN COMPOSE D'OXIRANE

(71) **SUMITOMO CHEMICAL COMPANY, LIMITED** [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8550 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **OKU, Noriaki** [JP/JP]; C-201, Hibarino-haitsu, Goi 255-1, Ichihara-shi, Chiba 290-0056 (JP). **SEO, Takeo** [JP/JP]; 6-4-11, Tsubakimori, Chuo-ku, Chiba-shi, Chiba 260-0042 (JP).

(74) **JINNO, Naoyoshi** et al. / etc.; c/o Sumitomo Chemical Intellectual Property Service, Limited, 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8550 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 301/19 // 303/04, C07B 61/00**

(11) **WO 01/70713** (13) A1

(21) PCT/JP01/02189

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ja (26) ja

(30) 2000-83954 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS FOR PRODUCING OXIRANE COMPOUND
• PROCEDE DE PRODUCTION D'UN COMPOSE D'OXIRANE

(71) **SUMITOMO CHEMICAL COMPANY, LIMITED** [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8550 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **OKU, Noriaki** [JP/JP]; C-201, Hibarino-haitsu, Goi 255-1, Ichihara-shi, Chiba 290-0056 (JP). **KATAO, Masaaki** [JP/JP]; 3-5-21, Souja, Ichihara-shi, Chiba 290-0023 (JP).

(74) **JINNO, Naoyoshi** et al. / etc.; c/o Sumitomo Chemical Intellectual Property Service, Limited, 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8550 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 301/19 // 303/04, C07B 61/00**

(11) **WO 01/70714** (13) A1

(21) PCT/JP01/02190

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ja (26) ja

(30) 2000-083957 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS FOR PRODUCING PROPYLENE OXIDE
• PROCEDE DE PRODUCTION D'UN OXYDE DE PROPYLENE

(71) **SUMITOMO CHEMICAL COMPANY, LIMITED** [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8550 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SEO, Takeo** [JP/JP]; 6-4-11, Tsubakimori, Chuo-ku, Chiba-shi, Chiba 260-0042 (JP). **TSUJI, Junpei** [JP/JP]; 1-9-2-225, Yushudainishi, Ichihara-shi, Chiba 299-0125 (JP).

(74) **JINNO, Naoyoshi** et al. / etc.; c/o Sumitomo Chemical Intellectual Property Service, Limited, 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8550 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 301/19 // 303/04, C07B 61/00**

(11) **WO 01/70715** (13) A1

(21) PCT/JP01/02191

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ja (26) ja

(30) 2000-83959 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS FOR PRODUCING PROPYLENE OXIDE
• PROCEDE DE PREPARATION D'OXYDE DE PROPYLENE

(71) **SUMITOMO CHEMICAL COMPANY, LIMITED** [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8550 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **OKU, Noriaki** [JP/JP]; C-201, Hibarino-haitsu, Goi 255-1, Ichihara-shi, Chiba 290-0056 (JP). **OMAE, Toshikazu** [JP/JP]; 144-16, Mariyatsu, Kisarazu-shi, Chiba 292-0201 (JP).

(74) **JINNO, Naoyoshi** et al. / etc.; c/o Sumitomo Chemical Intellectual Property Service, Limited, 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8550 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)[7] **C07D 303/38, 417/06, 491/04 // (C07D 417/06, 303:00, 277:00)**

(11) **WO 01/70716** (13) A1

(21) PCT/US01/07749

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 09/528,526 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A PROCESS FOR THE PREPARATION OF EPOTHILONE ANALOGS AND INTERMEDIATES
• PREPARATION D'ANALOGUES ET D'INTERMEDIAIRES D'EPOTHILONE

(71) **BRISTOL-MYERS SQUIBB COMPANY** [US/US]; Lawrenceville-Princeton Road, P.O. Box 4000, Princeton, NJ 08543-4000 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LI, Wen, Sen** [US/US]; 14 Dearborn Drive, Holmdel, NJ 07733 (US). **THORNTON, John, E.** [US/US]; 2127 W. Wellington Road, Newtown, PA 18940 (US). **GUO, Zhenrong** [CA/US]; 21 Augusta Place, East Brunswick, NJ 08816 (US). **SWAMINATHAN, Shankar** [US/US]; 25 Potomac Road, Monmouth Junction, NJ 08852 (US). **MCCONLOGUE, Gary, W.** [US/US]; 15 Mershon Lane, Plainsboro, NJ 08536 (US).

(74) **ALGIERI, Aldo** et al. / etc.; Bristol-Myers Squibb Company, Lawrenceville-Princeton Road, P.O. Box 4000, Princeton, NJ 08543-4000 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 305/14**

(11) **WO 01/70717** (13) A1

(21) PCT/CA01/00369

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/190,995 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CONVERSION OF 9-DIHYDRO-13-ACETYLBACCATIN III TO BACCATIN III AND 10-DEACETYLBACCATIN III
• CONVERSION DE 9-DIHYDRO-13-ACETYLBACCATINE III EN BACCATINE III ET 10-DESACETYLBACCATINE III

(63) US 60/190,995 (CON) 21 Mar/mar 2000 (21.03.2000)

(71) **ACTIPHARM INC.** [CA/CA]; 1791 Barrington Street, Suite 1500, Halifax, Nova Scotia B3J 1L3 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KASITU, Gertrude, C.** [CA/CA]; 414 Bonaventure Place, Debert, Nova Scotia B0M 1G0 (CA). **NOAH, Japheth, W.** [CA/CA]; 414 Bonaventure Place, Debert, Nova Scotia B0M 1G0 (CA).

(74) **RICHES, MCKENZIE & HERBERT LLP**; Suite 2900, 2 Bloor Street East, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Published / Publiée : *(c)*

Declarations / Déclarations :
(u) for / pour US only / seulement; (u) for / pour US only / seulement

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(51)[7] **C07D 305/14, A61K 31/337**

(11) **WO 01/70718** (13) A1

(21) PCT/US01/07666

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) en (26) en

(30) 60/190,174 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TAXANE ANTICANCER AGENTS
• AGENTS ANTICANCEREUX A BASE DE TAXANE

(71) **BRISTOL-MYERS SQUIBB COMPANY** [US/US]; P.O. Box 4000, Princeton, NJ 08543-4000 (US).

(72) **KADOW, John, F.**; 9 Quarry Run, Wallingford, CT 06492 (US). **SCHWARTZ, Wendy, S.**; 7 Amaryllis Drive, Windsor, CT 06095 (US). **SCOLA, Paul, M.**; 182 Georgetown Drive, Glastonbury, CT 06033 (US). **XUE, Qiufen, May**; 75 Barrington Way, Glastonbury, CT 06033 (US). **WITTMAN, Mark, D.**; 30 Fairlawn Drive, Wallingford, CT 06492 (US). **WU, Mu-jen**; 3 Edgemere Drive, Albertson, NY 11507 (US).

(74) **DUBOFF, Samuel, J.**; Bristol-Myers Squibb Company, 5 Research Parkway, Wallingford, CT 06492 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 311/92, 211/94, 311/96, C09K 9/02, G02B 5/23, G03C 1/685, 1/73, G02C 7/02**

(11) **WO 01/70719** (13) A2

(21) PCT/US01/05881

(22) **23 Feb/fév 2001 (23.02.2001)**

(25) en (26) en

(30) 09/532,978 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HYDROXYLATED/CARBOXYLATED NAPHTHOPYRANS
• NAPHTOPYRANES HYDROXYLES/CARBOXYLES

(71) **TRANSITIONS OPTICAL, INC.** [US/US]; 9251 Belcher Road, Pinellas Park, FL 33782 (US).

(72) **WALTERS, Robert W.**; 1211 Milton Street, Pittsburgh, PA 15218 (US). **VAN GEMERT, Barry**; 2004 High Pointe Drive, Murrysville, PA 15668 (US).

(74) **MILLMAN, Dennis G.** et al. / etc.; 39 South, One PPG Place, Pittsburgh, PA 15272 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 317/00**

(11) **WO 01/70720** (13) A2

(21) PCT/US01/08782

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,993 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CARBOCYCLIC SIDE CHAIN CONTAINING, N-SUBSTITUTED METALLOPROTEASE INHIBITORS
• CHAINE LATERALE CARBOCYCLIQUE CONTENANT DES INHIBITEURS DE METALLOPROTEASE N-SUBSTITUES

(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) **NATCHUS, Michael, George** [US/US]; 1096 Laurel Avenue, Cincinnati, OH 45246 (US). **PIKUL, Stanislaw** [PL/US]; 10833 Cottage Garden Drive, Apt. 101, Germantown, MD 20874 (US). **ALMSTEAD, Neil, Gregory** [US/US]; 167 Rachel Court,

Franklin Park, NJ 08823 (US). **LAUFER-SWEILER, Matthew, J.** [US/US]; 4251 Green Arbors Lane, Cincinnati, OH 45249 (US). **DE, Biswanath** [US/US]; 11269 Cornell Woods Drive, Cincinnati, OH 45241 (US).

(74) **REED, T., David**; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 319/12**

(11) **WO 01/70721** (13) A1

(21) PCT/BE01/00047

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) fr (26) fr

(30) 00870052.8 **23 Mar/mar 2000** EP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR PURIFYING CYCLIC ESTERS
• PROCEDE DE PURIFICACTION D'ESTERS CYCLIQUES

(71) **BRUSSELS BIOTECH** [BE/BE]; Chaussée de Saint Job 10, B-1180 Bruxelles (BE). **COSZACH** [BE/BE]; Chaussée de Saint Job 10, B-1180 Bruxelles (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAN GANSBERGHE, Frédéric** [BE/BE]; Chaussée de Saint Job, 10, B-1180 Bruxelles (BE). **DI SALVATORE, Patricia** [BE/BE]; Chaussée de Saint Job, 10, B-1180 Bruxelles (BE). **BOGAERT, Jean-Christophe** [BE/BE]; Chaussée de Saint Job, 10, B-1180 Bruxelles (BE).

(74) **VANDEBERG, Marie-Paule** et al. / etc.; Office Kirkpatrick, Avenue Wolfers 32, B-1310 La Hulpe (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 331/00**

(11) **WO 01/70722** (13) A2

(21) PCT/US01/08339

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 60/190,635 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 09/793,886 **28 Feb/fév 2001** US **(28.02.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • POLYFUNCTIONAL THIIRANE COMPOUNDS
• COMPOSES THIIRANE POLYFONCTIONNELS

(71) **PPG INDUSTRIES OHIO, INC.** [US/US]; 3800 West 143rd Street, Cleveland, OH 44111 (US).

(72) **SMITH, Robert, A.**; 3517 McElroy Drive, Murrysville, PA 15668 (US). **OKOROAFOR, Michael, O.**; 27 Jefferson Street, Export, PA 15632 (US).

(74) **MARMO, Carol, A.**; PPG Industries, Inc., One PPG Place, Pittsburgh, PA 15272 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 333/60, A61K 31/381, 31/5377, A61P 43/00, 3/06, 9/10**

(11) **WO 01/70723** (13) A1

(21) PCT/JP01/02170

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ja (26) ja

(30) 2000-79194 **22 Mar/mar 2000** JP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BENZOTHIOPHENE DERIVATIVES AND MEDICINAL USE THEREOF
• DERIVES BENZOTHIOPHENE ET UTILISATION MEDICINALE DE CEUX-CI

(71) **MITSUI CHEMICALS, INC.** [JP/JP]; 2-5, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-6070 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TSUNODA, Hidetoshi** [JP/JP]; c/o Mitsui Chemicals, Inc., 1144, Togo, Mobara-shi, Chiba 297-0017 (JP). **FUKAZAWA, Nobuyuki** [JP/JP]; c/o Mitsui Chemicals, Inc., 2-5, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-6070 (JP). **CHIBA, Kyoko** [JP/JP]; c/o Mitsui Chemicals, Inc., 1144, Togo, Mobara-shi, Chiba 297-0017 (JP). **NAKAO, Toshifumi** [JP/JP]; c/o Mitsui Chemicals, Inc., 1144, Togo, Mobara-shi, Chiba 297-0017 (JP). **ASADA, Noriaki** [JP/JP]; c/o Mitsui Chemicals, Inc., 1144, Togo, Mobara-shi, Chiba 297-0017 (JP). **TAKEBAYASHI, Nozomi** [JP/JP]; c/o Mitsui Chemicals, Inc., 1144, Togo, Mobara-shi, Chiba 297-0017 (JP). **KIBAYASHI, Kenji** [JP/JP]; 3-21-28, Saidera, Suita-shi, Osaka 565-0836 (JP). **MIGITA, Hideyuki** [JP/JP]; 2141, Togo, Mobara-shi, Chiba 297-0017 (JP). **MORIKAWA, Maki** [JP/JP]; 2785-1, Mutsuno, Mobara-shi, Chiba 297-0012 (JP).

(74) **KANEDA, Nobuyuki** et al. / etc.; 8th Floor, 16th Kowa Bldg., 9-20, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C07D 335/02**

(11) **WO 01/70724** (13) A1

(21) PCT/KR01/00140

(22) **1 Feb/fév 2001 (01.02.2001)**

(25) en (26) en

(30) 2000-14214 **21 Mar/mar 2000** KR **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • RADIOISOTOPE-LABELED COMPLEXES OF GLUCOSE DERIVATIVES AND KITS FOR THE PREPARATION THEREOF
• COMPLEXES DE DERIVES DE GLUCOSE MARQUES PAR RADIO-ISOTOPES ET ENSEMBLES DE FABRICATION DE CES COMPLEXES

(71) **THE ASAN FOUNDATION** [KR/KR]; 388-1, Poongnap-dong, Songpa-gu, Seoul 138-736 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEE, Hee-Kyung** [KR/KR]; Family Town #B-802 388-1, Poongnap-dong, Songpa-gu, Seoul 138-040 (KR). **MOON, Dae-Hyuk** [KR/KR]; Joogong Apt. #416-104, Doonchon-dong, Kangdong-gu, Seoul 134-060, - (KR). **RYU, Jin-Sook** [KR/KR]; Joongang Hites Apt. #2-508 479, Shinnae-dong, Joongrang-gu, Seoul 131-130 (KR). **KIM, Jae-Seung** [KR/KR]; Dong-A Apt. #202-903, Guyeo 2-dong, Songpa-gu, Seoul 138-112 (KR). **OH, Seung-Jun** [KR/KR]; Hyundai 3rd Apt. #102-602 Dangsan-dong 4-ga, Yeongdungpo-gu, Seoul 150-044 (KR).

(74) **CHOI, Kyu-Pal**; 824-11, Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 401/04, A61K 31/506, A61P 25/28**

(11) **WO 01/70725** (13) A1

(21) PCT/EP01/03636

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 00400808.2 **23 Mar/mar 2000** EP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • 2-[INDANYLAMINO]PYRIMIDONE AND 2-[TETRAHYDRONAPHTHALENYLAMINO]PYRIMIDONE DERIVATIVES
• DERIVES DE LA 2-[INDANYLAMINO]PYRIMIDONE ET DE LA 2-[TETRAHYDRONAPHTHALENYLAMINO]PYRIMIDONE

(71) **SANOFI-SYNTHELABO** [FR/FR]; 174, avenue de France, F-75013 Paris (FR). **MITSUBISHI-TOKYO PHARMACEUTICALS, INC.** [JP/JP]; 2-6, Nihonbashi-Honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALMARIO GARCIA, Antonio** [ES/FR]; 26, avenue Roger Salengro, F-92290 Chatenay Malabry (FR). **FROST, Jonathan, Reid** [GB/FR]; 12, rue du Parc, F-91320 Wissous (FR). **LI, Adrien, Tak** [FR/FR]; 14, rue Pierre Bonnard, F-92260 Fontenay aux Roses (FR).

(74) **KUGEL, Dominique**; Sanofi-Synthelabo, 174, avenue de France, F-75013 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 401/04, 401/14, A61K 31/506, A61P 25/28**

(11) **WO 01/70726** (13) A1

(21) PCT/EP01/03637

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 00400807.4 **23 Mar/mar 2000** EP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AMINOPHENYL PYRIMIDONE DERIVATIVES
• DERIVES D'AMINOPHENYL PYRIMIDONE

(71) **SANOFI-SYNTHELABO** [FR/FR]; 174, avenue de France, F-75013 Paris (FR). **MITSUBISHI-TOKYO PHARMACEUTICAL, INC.** [JP/JP]; 2-6, Nihonbashi-Honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **D'ORCHYMONT, Hugues** [FR/FR]; 9, rue Edel, F-67000 Strasbourg (FR). **LAVRADOR, Karine** [FR/US]; 5345 Renaissance Avenue, San Diego, CA 92122 (US). **SCHOENTJES, Bruno** [FR/FR]; 21, rue Déserte, F-67000 Strasbourg (FR). **VAN DORSSELAER, Viviane** [FR/FR]; 8, rue de la Grossau, F-67100 Strasbourg (FR).

(74) **KUGEL, Dominique**; Sanofi-Synthelabo, 174, avenue de France, F-75013 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 401/04, 401/14, A61K 31/506, A61P 25/28, C07D 405/14, 409/14**

(11) **WO 01/70727** (13) A1

(21) PCT/EP01/03638

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 00400804.1 **23 Mar/mar 2000** EP **(23.03.2000)**

(30) 00400805.8 **23 Mar/mar 2000** EP **(23.03.2000)**

(30) 00400806.6 **23 Mar/mar 2000** EP **(23.03.2000)**

(30) 2000-81938 **23 Mar/mar 2000** JP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • 2-(ARYLALKYLAMINO)PYRIMIDONE DERIVATIVES AND 2-(HETEROARYLALKYLAMINO)PYRIMIDONE DERIVATIVES
• DERIVES DE 2-(ARYLALKYLAMINO)PYRIMIDONE ET DERIVES DE 2-(HETEROARYLALKYLAMINO)PYRIMIDONE

(71) **SANOFI-SYNTHELABO** [FR/FR]; 174, avenue de France, F-75013 Paris (FR). **MITSUBISHI-TOKYO PHARMACEUTICALS, INC.** [JP/JP]; 2-6, Nihonbashi-Honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALMARIO GARCIA, Antonio** [ES/FR]; 26, avenue Roger Salengro, F-92290 Chatenay Malabry (FR). **ANDO, Ryoichi** [JP/JP]; c/o Mitsubishi-Tokyo Pharmaceuticals, Inc., Yokohama Research Center, 1000, Kamoshida-cho, Aoba-Ku, Yokohama-shi, Kanagawa 227-0033 (JP). **ARITOMO, Keiichi** [JP/JP]; c/o Mitsubishi-Tokyo Pharmaceuticals, Inc., Yokohama Research Center, 1000, Kamoshida-cho, Aoba-Ku, Yokohama-shi, Kanagawa 227-0033 (JP). **FROST, Jonathan, Reid** [GB/FR]; 12, rue du Parc, F-91320 Wissous (FR). **LI, Adrien, Tak** [FR/FR]; 14, rue Pierre Bonnard, F-92260 Fontenay aux Roses (FR). **SHODA, Aya** [JP/JP]; c/o Mitsubishi-Tokyo Pharmaceuticals, Inc., Yokohama Research Center, 1000, Kamoshida-cho, Aoba-Ku, Yokohama-shi, Kanagawa 227-0033 (JP). **UEHARA, Fumiaki** [JP/JP]; c/o Mitsubishi-Tokyo Pharmaceuticals, Inc., Yokohama Research Center, 1000, Kamoshida-cho, Aoba-Ku, Yokohama-shi, Kanagawa 227-0033 (JP). **WATANABE, Kazutoshi** [JP/JP]; c/o Mitsubishi-Tokyo Pharmaceuticals, Inc., Yokohama Research Center, 1000, Kamoshida-cho, Aoba-Ku, Yokohama-shi, Kanagawa 227-0033 (JP).

(74) **KUGEL, Dominique**; Sanofi-Synthelabo, 174, avenue de France, F-75013 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 401/04, 491/04, 401/14, 495/04, 471/04, A61K 31/506, A61P 25/28**

(11) **WO 01/70728** (13) A1

(21) PCT/EP01/03639

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 00400801.7 **23 Mar/mar 2000** EP **(23.03.2000)**

(30) 00400802.5 **23 Mar/mar 2000** EP **(23.03.2000)**

(30) 00400803.3 **23 Mar/mar 2000** EP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • 2-[NITROGEN-HETEROCYCLIC]PYRIMIDONE DERIVATIVES
• DERIVES DE LA 2-[AZOTE-HETEROCYCLIQUE]PYRIMIDONE

(71) **SANOFI-SYNTHELABO** [FR/FR]; 174, avenue de France, F-75013 Paris (FR). **MITSUBISHI-TOKYO PHARMACEUTICALS, INC.** [JP/JP]; 2-6, Nihonbashi-Honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALMARIO GARCIA, Antonio** [ES/FR]; 26, avenue Roger Salengro, F-92290 Chatenay Malabry (FR). **ANDO, Ryoichi** [JP/JP]; c/o Mitsubishi-Tokyo Pharmaceuticals, Inc., Yokohama Research Center, 1000, Kamoshida-cho, Aoba-Ku, Yokohama-shi, Kanagawa 227-0033 (JP). **FROST, Jonathan, Reid** [GB/FR]; 12, rue du Parc, F-91320 Wissous (FR). **LI, Adrien, Tak**

[FR/FR]; 14, rue Pierre Bonnard, F-92260 Fontenay aux Roses (FR). **SHODA, Aya** [JP/JP]; c/o Mitsubishi-Tokyo Pharmaceuticals, Inc., Yokohama Research Center, 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-0033 (JP).

(74) **KUGEL, Dominique**; Sanofi-Synthelabo, 174 Avenue de France, F-75013 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 401/04, A61K 31/505, A61P 25/28**

(11) **WO 01/70729** (13) A1

(21) PCT/EP01/03640

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 00400800.9 **23 Mar/mar 2000** EP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • 2-AMINO-3-(ALKYL)-PYRIMIDONE DERIVATIVES AS GSK3.BETA. INHIBITORS
• DERIVES DU 2-AMINO-3-(ALKYL)-PYRIMIDONE, INHIBITEURS DU GSK3$G(B)

(71) **SANOFI-SYNTHELABO** [FR/FR]; 174, avenue de France, F-75013 Paris (FR). **MITSUBISHI-TOKYO PHARMACEUTICALS, INC.** [JP/JP]; 2-6, Nihonbashi-Honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALMARIO GARCIA, Antonio** [ES/FR]; 26, avenue Roger Salengro, F-92290 Chatenay Malabry (FR). **ANDO, Ryoichi** [JP/JP]; Mitsubishi-Tokyo Pharmaceuticals, Inc., Yokohama Research Center, 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi Kanagawa 227-0033 (JP). **ARITOMO, Keiichi** [JP/JP]; Mitsubishi-Tokyo Pharmaceuticals, Inc., Yokohama Research Center, 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-0033 (JP). **FROST, Jonathan, Reid** [GB/FR]; 12, rue du Parc, F-91320 Wissous (FR). **LI, Adrien, Tak** [FR/FR]; 14, rue Pierre Bonnard, F-92260 Fontenay aux Roses (FR). **SHODA, Aya** [JP/JP]; Mitsubishi-Tokyo Pharmaceuticals, Inc., Yokohama Research Center, 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-0033 (JP). **UEHARA, Fumiaki** [JP/JP]; Mitsubishi-Tokyo Pharmaceuticals, Inc., Yohohama Research Center, 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-0033 (JP). **WATANABE, Kazutoshi** [JP/JP]; Mitsubishi-Tokyo Pharmaceuticals, Inc., Yokohama Research Center, 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-0033 (JP).

(74) **KUGEL, Dominique**; Sanofi-Synthelabo, 174 Avenue de France, F-75013 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 401/04**

(11) **WO 01/70730** (13) A1

(21) PCT/SE01/00599

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0000933-2 **21 Mar/mar 2000** SE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF PRODUCING 6-SUBSTITUTED (*S*)-NICOTINE DERIVATIVES AND INTERMEDIATE COMPOUNDS
• METHODE DE PRODUCTION DE DERIVES DE NICOTINE (*S*) 6-SUBSTITUTES ET COMPOSES INTERMEDIAIRES

(71) **INDEPENDENT PHARMACEUTICA AB** [SE/SE]; c/o Revisorspoolen Matsson & Co, Tegnérgatan 37, 1 tr, S-111 61 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JOHANSSON, Anette** [SE/SE]; Lillberga, S-740 21 Järlåsa (SE). **SVENSSON, Torgny** [SE/SE]; Ringvägen 9, S-181 33 Lidingö (SE).

(74) **BRITA, Nilsson** et al. / etc.; Stockholms Patentbyrå Zacco AB, Box 23101, S-104 35 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 401/06, 471/04, 413/06, A61K 31/395, A61P 25/18, C07D 413/14, 417/14, 405/06, 498/04**

(11) **WO 01/70731** (13) A1

(21) PCT/EP01/03211

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0007108.4 **23 Mar/mar 2000** GB **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DECAHYDRO-ISOQUINOLINES
• DÉCAHYDRO-ISOQUINOLINES

(71) **NOVARTIS AG** [CH/CH]; Schwarzwaldallee 215, CH-4058 Basel (CH).
(for all designated States except / pour tous les États désignés sauf AT US)

(71) **NOVARTIS-ERFINDUNGEN VERWALTUNGSGESELLSCHAFT M.B.H.** [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).
(only for / seulement pour AT)

(72, 75) **TROXLER, Thomas, J.** [CH/CH]; Sennweg 27, CH-4246 Wahlen (CH).

(74) **BECKER, Konrad**; Novartis AG, Corporate Intellectual Property, Patent & Trademark Dept., CH-4002 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 401/06, 403/06, 491/052, 495/04, A61K 31/4439, 31/4709, 31/496, 31/501, A61P 43/00, 9/10, 25/00**

(11) **WO 01/70732** (13) A1

(21) PCT/JP01/02169

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ja (26) ja

(30) 2000-78980 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PYRAZOLINE DERIVATIVES OR TETRAHYDROPYRIDAZINE DERIVATIVES AND MEDICINAL USE THEREOF
• DERIVES PYRAZOLINE OU TETRAHYDROPYRIDAZINE ET UTILISATION MEDICINALE DE CEUX-CI

(71) **MITSUI CHEMICALS, INC.** [JP/JP]; 2-5, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-6070 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUJIWARA, Junya** [JP/JP]; c/o Mitsui Chemicals, Inc., 1144, Togo, Mobara-shi, Chiba 297-0017 (JP). **SAKAI, Kazuya** [JP/JP]; c/o Mitsui Chemicals, Inc., 1144, Togo, Mobara-shi, Chiba 297-0017 (JP). **KIBAYASHI, Kenji** [JP/JP]; 3-21-28, Saidera, Suita-shi, Osaka 565-0836 (JP). **SHIMADA, Fumiki** [JP/JP]; 6-59-5, Asumigaoka, Midori-ku, Chiba-shi, Chiba 267-0066 (JP). **SHIGA, Yoshio** [JP/JP]; 1-161, Hagiwaracho, Mobara-shi, Chiba 297-0018 (JP). **TAKAGI, Shiro** [JP/JP]; 2491-55, Kobayashi, Mobara-shi, Chiba 297-0074 (JP).

(74) **KANEDA, Nobuyuki** et al. / etc.; 8th Floor, 16th Kowa Bldg., 9-20, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C07D 401/06, 401/14, 411/06, 411/14, 413/14, A61P 25/28**

(11) **WO 01/70733** (13) A2

(21) PCT/JP01/02208

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 2000-078966 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DI-SUBSTITUTED IMINOHETEROCYCLIC COMPOUNDS
• COMPOSES IMINOHETEROCYCLIQUES DISUBSTITUES

(71) **SUNTORY LIMITED** [JP/JP]; 1-40, Dojimahama 2-chome, Kita-ku, Osaka-shi, Osaka 530-8203 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IMOTO, Masahiro** [JP/JP]; 15-501, Naka-machi 3-chome, Tatebayashi-shi, Gunma 374-0029 (JP). **IWANAMI, Tatsuya** [JP/JP]; 16-16, Dai-cho, Ashikaga-shi, Tochigi 326-0056 (JP). **AKABANE, Minako** [JP/JP]; 1-37-201, Sojiji 1-chome, Ibaraki-shi, Osaka 567-0801 (JP). **TANI, Yoshihiro** [JP/JP]; 9-38, Hoshimi-cho, Ibaraki-shi, Osaka 567-0843 (JP).

(74) **KUSAMA, Osamu**; KUSAMA PATENT OFFICE, 7F Iwata Bldg., 5-12, Iidabashi 4-chome, Chiyoda-ku, Tokyo 102-0072 (JP).

(81) AU CA CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C07D 401/12, 211/34, 215/14, 417/12, 405/12, 401/06, 401/14, 211/58, 409/12, 405/14, A61K 31/4545, A61P 29/00**

(11) **WO 01/70734** (13) A2

(21) PCT/US01/08336

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 60/190,183 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 60/235,467 **26 Sep/sep 2000** US **(26.09.2000)**

(30) 60/252,062 **20 Nov/nov 2000** US **(20.11.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BETA-AMINO ACID DERIVATIVES AS INHIBITORS OF MATRIX METALLOPROTEASES AND TNF-ALPHA
• DERIVES DE β-AMINOACIDES EN TANT QU'INHIBITEURS DE METALLOPROTEASES MATRICIELLES ET DE TNF-α

(71) **DUPONT PHARMACEUTICALS COMPANY** [US/US]; Chestnut Run Plaza, 974 Centre Road, Wilmington, DE 19805 (US).

(72) **DUAN, Jingwu**; 17 Springbrook Lane, Newark, DE 19711 (US). **KING, Bryan, W.**; 104 Monet Circle, Wilmington, DE 19803 (US). **DECICCO, Carl**; 102 Indian Springs Road, Kennett Square, PA 19348 (US). **MADUSKUIE, Thomas, P., Jr.**; 613 Foulkstone Road, Wilmington, DE 19803 (US). **VOSS, Matthew, E.**; 106 Westview Drive, Lincoln University, PA 19352 (US).

(81) AT AU BR CA CH CN CZ DE DK EE ES FI GB HU IL IN JP KR LT LU LV NZ PL PT RO SE SG SI SK UA VN ZA.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C07D 401/14**

(11) **WO 01/70735** (13) A1

(21) PCT/EP00/13193

(22) **22 Dec/déc 2000 (22.12.2000)**

(25) en (26) en

(30) MI2000A000612 **23 Mar/mar 2000** IT **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HETEROAROMATIC COMPOUNDS HAVING TWO-PHOTON ABSORPTION ACTIVITY
• COMPOSES HETEROAROMATIQUES A ACTIVITE D'ABSORPTION A DEUX PHOTONS

(71) **UNIVERSITA' DEGLI STUDI DI MILANO - BICOCCA** [IT/IT]; Piazza dell'Ateneo Nuovo, 1, I-20100 Milan (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PAGANI, Giorgio** [IT/IT]; Via Tarvisio, 19, I-20100 Milano (IT). **ABBOTTO, Alessandro** [IT/IT]; Via P. Caldirola, 6, I-20126 Milano (IT). **BOZIO, Renato** [IT/IT]; Via Piemonte, 11, I-35030 Selvazzano Destro (IT).

(74) **APPOLONI, Romano** et al. / etc.; Marchi & Partners S.r.l., Via Pirelli, 19, I-20124 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 401/14, 401/12, 213/73, A61K 31/506, A61P 7/02, C07D 409/14, 401/06, 409/12**

(11) **WO 01/70736** (13) A1

(21) PCT/FR01/00861

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) fr (26) fr

(30) 00/03724 **23 Mar/mar 2000** FR **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • N-(HETEROCYCLYL)BENZENE OR PYRIDINE SULPHONAMIDES AS ANTITHROMBOTIC AGENTS AND ANTICOAGULANTS
• N-(HETEROCYCLYL)BENZENE-OU PYRIDINE SULFONAMIDES COMME AGENTS ANTITHROMBOTIQUES ET ANTICOAGULANTES

(71) **SANOFI-SYNTHELABO** [FR/FR]; 174, avenue de France, F-75013 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALTENBURGER, Jean-Michel** [FR/FR]; 7, avenue Les Molières, F-78470 Saint Rémy-les-Chevreuse (FR). **CREMER, Gérard** [FR/FR]; 35, rue de Sables, F-91420 Morangis (FR). **LASSALLE, Gilbert** [FR/FR]; 15, rue de la Croix Valentin, F-91470 Les Molières (FR). **MATROUGUI, Mostafa** [FR/FR]; 24-26, impasse de la Cerisaie, F-91120 Palaiseau (FR).

(74) **THOURET-LEMAITRE, Elisabeth**; Sanofi-Synthelabo, 174, avenue de France, F-75013 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 403/00**

(11) **WO 01/70737** (13) A2

(21) PCT/US01/08726

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,620 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • THERAPEUTIC COMPOUNDS FOR THE TREATMENT OF ASTHMA AND ALLERGY, AND METHODS OF USE THEREOF
• COMPOSES THERAPEUTIQUES PERMETTANT DE TRAITER L'ASTHME ET L'ALLERGIE ET LEURS METHODES D'UTILISATION

(71) **SEPRACOR, INC.** [US/US]; 111 Locke Avenue, Marlborough, MA 01752 (US).

(72) **GAO, Yun**; 7 Davis Road, Southborough, MA 01772 (US). **RUBIN, Paul**; 37 Greystone Lane, Sudbury, MA 01776 (US). **XIAOYI, Nie**; 195 Burroughs Road, Boxborough, MA 01719 (US). **ZEPP, Charles**; 940 North Road, Hardwick, MA 01037 (US).

(74) **GORDON, Dana, M.** et al. / etc.; Patent Group, Foley, Hoag & Eliot, LLP, One Post Office Square, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW

MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 417/08, A61P 37/00**

(11) **WO 01/70738** (13) A2

(21) PCT/CA01/00365

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/191,668 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TRI-ARYL-SUBSTITUTED-ETHANE PDE4 INHIBITORS

• INHIBITEURS DE PDE4 A BASE D'ETHANES TRI-ARYLE SUBSTITUES

(71) **MERCK FROSST CANADA & CO.** [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRIESEN, Richard** [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). **DUCHARME, Yves** [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). **COTE, Bernard** [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). **BLOUIN, Marc** [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). **MARTINS, Evelyn** [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). **GUAY, Daniel** [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). **HAMEL, Pierre** [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). **GIRARD, Mario** [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). **FRENETTE, Richard** [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). **LALIBERTE, Sebastien** [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA).

(74) **MURPHY, Kevin, P.** et al. / etc.; SWABEY OGILVY RENAULT, Suite 1600, 1981 McGill College Avenue, Montreal, Québec H3A 2Y3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 455/03, A61K 31/4375, A61P 25/00**

(11) **WO 01/70739** (13) A1

(21) PCT/FR01/00856

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) fr (26) fr

(30) 00/03723 **23 Mar/mar 2000** FR **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • 8-OXO-5,8-DIHYDRO-6<I>H</I>-DIBENZO[<I>a,g</I>]QUINOLIZINE-13-PROPANOIC ACID DERIVATIVES, PREPARATION AND THERAPEUTIC USE THEREOF

• DERIVES D'ACIDE 8-OXO-5,8-DIHYDRO-6*H*-DIBENZO[*a,g*]QUINOLIZINE-13-PROPANOÏQUE, LEUR PREPARATION ET LEUR APPLICATION EN THERAPEUTIQUE

(71) **SANOFI-SYNTHELABO** [FR/FR]; 174, avenue de France, F-75013 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DACHARY, Emmanuelle** [FR/FR]; 16, rue C. Infroit, F-94400 Vitry sur Seine (FR). **ESTENNE-BOUHTOU, Geneviève** [FR/FR]; 30, allée d'Alsace, F-94550 Chevilly-Larue (FR). **GEORGE, Pascal** [BE/FR]; 19, rue des Quatre-Vents, F-78730 Saint Arnoult-en-Yvelines (FR). **GILLET, Gérard** [FR/FR]; 49, rue Eugène Oudiné, F-75013 Paris (FR). **GRANGER, Patrick** [FR/FR]; 23, rue Marsoulan, F-75012 Paris (FR). **MARABOUT, Benoît** [FR/FR]; 21 rue Marie Curie, F-91380 Chilly Mazarin (FR). **SEVRIN, Mireille** [BE/FR]; 3, rue Francis de Pressensé, F-75014 Paris (FR).

(74) **LUDWIG, Jacques**; Sanofi-Synthelabo, 174, avenue de France, F-75013 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 457/04**

(11) **WO 01/70740** (13) A1

(21) PCT/EP01/03099

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 0007308.0 **24 Mar/mar 2000** GB **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS FOR PREPARING CRYSTALLINE FORM I OF CABERGOLINE

• PROCEDE DE PREPARATION DE LA FORME CRISTALLINE I DE CABERGOLINE

(71) **PHARMACIA & UPJOHN SPA** [IT/IT]; Via Robert Koch, 1.2, I-20152 Milan (IT).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **TOMASI, Attilio** [IT/IT]; Via Tommaso Gulli, 49, I-20147 Milan (IT). **MAGENES, Stefania** [IT/IT]; Via Oreglio, 8, I-20066 Melzo (IT). **UNGARI, Mario** [IT/IT]; Via Pietro Calvi, 10, I-20129 Milan (IT). **RAMELLA, Giuliano** [IT/IT]; P.le Europa, 1A, I-26019 Vailate (IT). **PALLANZA, Gianfranco** [IT/IT]; Via Savona, 94/A, I-20144 Milan (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 471/04, A61K 31/505**

(11) **WO 01/70741** (13) A1

(21) PCT/US01/02657

(22) **29 Jan/jan 2001 (29.01.2001)**

(25) en (26) en

(30) 60/187,124 **6 Mar/mar 2000** US **(06.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • 5-ALKYLPYRIDO[2,3-D]PYRIMIDINES TYROSINE KINASE INHIBITORS

• INHIBITEURS DE TYROSINE KINASE A BASE DE 5-ALKYLPYRIDO[2,3-D]PYRIMIDINES

(71) **WARNER-LAMBERT COMPANY** [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOOTH, Richard, John** [GB/US]; 1433 Natalie Lane #104, Ann Arbor, MI 48105 (US). **DOBRUSIN, Ellen, Myra** [US/US]; 2205 Winchell, Ann Arbor, MI 48104 (US). **TOOGOOD, Peter, Laurence** [GB/US]; 2281 Sun Valley Drive, Ann Arbor, MI 48108 (US). **VANDERWEL, Scott, Norman** [US/US]; 200 Briarcrest Drive #117, Ann Arbor, MI 48104 (US).

(74) **FEDERMAN, Evan, J.**; Warner-Lambert Company, 201 Tabor Road, Morris Plains, NJ 07950 (US) et al. / etc.

(81) AE AG AL AU BA BB BG BR BZ CA CN CR CU CZ DM DZ EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX MZ NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU ZA.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI

FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 471/04, A61K 31/435 // (C07D 471/04, 221:00, 221:00)**

(11) **WO 01/70742** (13) A1

(21) PCT/US01/05809

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 60/190,978 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • 4-HYDROXY-1,8-NAPHTHYRIDINE-3-CARBOXAMIDES AS ANTIVIRAL AGENTS
• 4-HYDROXY-1,8-NAPHTYRIDINE-3-CARBOXAMIDES EN TANT QU'AGENTS ANTIVIRAUX

(71) **PHARMACIA & UPJOHN COMPANY** [US/US]; 301 Henrietta Street, Kalamazoo, MI 49001 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAILLANCOURT, Valerie, A.** [US/US]; 4342 Bronson Boulevard, Kalamazoo, MI 49008 (US).

(74) **SOLOMON, Andrew, M.**; Intellectual Property Legal Services, Pharmacia & Upjohn Company, 301 Henrietta Street, Kalamazoo, MI 49001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **C07D 471/04, 209/08, 209/12, 487/04, A61K 31/437, 31/519, A61P 7/00**

(11) **WO 01/70743** (13) A1

(21) PCT/US01/08839

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,731 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NON-AMIDINE CONTAINING PROTEASE INHIBITORS
• INHIBITEURS DE LA PROTEASE EXEMPTE D'AMIDINE

(71) **AXYS PHARMACEUTICALS, INC.** [US/US]; 180 Kimball Way, San Francisco, CA 94080 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOLESNIKOV, Aleksandr** [UA/US]; 1474 46th Avenue, San Francisco, CA 94122 (US). **RAI, Roopa** [IN/US]; 237 Clifton Avenue, San Carlos, CA 94070 (US).

(74) **MONTGOMERY, Wayne, W.** et al. / etc.; Axys Pharmaceuticals, Inc., 180 Kimball Way, South San Francisco, CA 94080 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 487/04 // (C07D 487/04, 243:00, 235:00)**

(11) **WO 01/70744** (13) A2

(21) PCT/US01/09622

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/533,160 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS FOR THE PREPARATION OF MIDAZOLAM
• PROCEDE DE PREPARATION DE MIDAZOLAME

(71) **ABBOTT LABORATORIES** [US/US]; CHAD 377 / AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-6050 (US).

(72) **DHAON, Madhup, K.**; 1337 Huntington Drive, Mundelein, IL 60060 (US).

(74) **DONNER, B., Gregory** et al. / etc.; Abbott Laboratories, CHAD 377 / AP6D, 100 Abbott Park Road, Abbott Park, IL 60064-6050 (US).

(81) CA JP MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C07D 491/04, A61K 31/535 // (C07D 491/04, 311:00, 209:00)**

(11) **WO 01/70745** (13) A1

(21) PCT/US00/31142

(22) **14 Nov/nov 2000 (14.11.2000)**

(25) en (26) en

(30) 60/190,285 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PYRANOINDOLES FOR TREATING GLAUCOMA
• PYRANO-INDOLES DESTINES AU TRAITEMENT DU GLAUCOME

(71) **ALCON UNIVERSAL LTD.** [CH/CH]; P.O. Box 62, Bosch 60, CH-6331 Hunenberg (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAY, Jesse, A.** [US/US]; 4132 Hildring Drive, Fort Worth, TX 76109 (US). **CHEN, Hwang-Hsing** [US/US]; 7649 Grassland Drive, Fort Worth, TX 76133 (US).

(74) **YEAGER, Sally, S.** et al. / etc.; R & D Counsel, Mail Code Q-148, 6201 South Freeway, Fort Worth, TX 76134 (US).

(81) AU BR CA CN JP KR MX PL US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C07D 491/048, 453/02, 519/00, A61K 31/4741, A61P 43/00, 29/00, 11/00, 11/06, 19/02, 37/06, 3/10, C12N 1/20, 15/00**

(11) **WO 01/70746** (13) A1

(21) PCT/JP01/02277

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) ja (26) ja

(30) 2000-87121 **23 Mar/mar 2000** JP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FUROISOQUINOLINE DERIVATIVES, PROCESS FOR PRODUCING THE SAME AND USE THEREOF
• DERIVES DE FUROISOQUINOLEINE, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION

(71) **TAKEDA CHEMICAL INDUSTRIES, LTD.** [US/US]; 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAWANO, Yasuhiko** [JP/JP]; 21-D-402, Kashikiriyama, Suita-shi, Osaka-565-0806 (JP). **MATSUMOTO, Tatsumi** [JP/JP]; 44-9, Harumidai 2-chome, Sakai-shi, Osaka 590-0113 (JP). **UCHIKAWA, Osamu** [JP/JP]; 15-16, Kozukayama 2-chome, Tarumi-ku, Kobe-shi, Hyogo 655-0002 (JP). **FUJII, Nobuhiro** [JP/JP]; 30-1-606, Mishimaoka 2-chome, Ibaraki-shi, Osaka 567-0021 (JP). **TARUI, Naoki** [JP/JP]; 6-1, Mitsugarasu 1-chome, Nara-shi, Nara 631-0061 (JP).

(74) **TAKAHASHI, Shuichi** et al. / etc.; Osaka Plant of Takeda Chemical Industries, Ltd., 17-85, Jusohonmachi 2-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0024 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 491/22, A61K 31/437, A61P 35/00**

(11) **WO 01/70747** (13) A1

(21) PCT/JP01/02216

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-79385 **22 Mar/mar 2000** JP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS FOR PRODUCING CAMPTOTHECIN

• PROCEDE DE PRODUCTION DE CAMPTOTHECINE

(71) **KABUSHIKI KAISHA YAKULT HONSHA** [JP/JP]; 1-19, Higashisinbashi 1-chome, Minato-ku, Tokyo 105-8660 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAEGASHI, Takashi** [JP/JP]; Kabushiki Kaisha Yakult Honsha, 1-19, Higashishinbashi 1-chome, Minato-ku, Tokyo 105-8660 (JP). **OGAWA, Takanori** [JP/JP]; Kabushiki Kaisha Yakult Honsha, 1-19, Higashishinbashi 1-chome, Minato-ku, Tokyo 105-8660 (JP). **SAWADA, Seigo** [JP/JP]; Kabushiki Kaisha Yakult Honsha, 1-19, Higashishinbashi 1-chome, Minato-ku, Tokyo 105-8660 (JP).

(74) **KUZUWA, Kiyoshi**; Patent Attorneys, Kuzuwa & Partners, AOI Building, 19, Honshio-cho, Shinjuku-ku, Tokyo 160-0003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 495/04, A61K 31/4365, A61P 11/06, 37/08, 13/00, 9/00**

(11) **WO 01/70748** (13) A1

(21) PCT/US01/07416

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) en (26) en

(30) 60/191,659 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • THIEPINO [3,2-*b*] DIHYDROPYRIDINES AND RELATED COMPOSITIONS AND METHODS
• THIEPINO [3,2-*B*] DIHYDROPYRIDINES, ET COMPOSITIONS ET METHODES ASSOCIEES

(71) **ORTHO-MCNEIL PHARMACEUTICAL, INC.** [US/US]; U.S. Route 202, Raritan, NJ 08869-0602 (US).

(72) **HENRY, James, R.**; 7307 Elm Ridge Drive, Indianapolis, IN 46236 (US).

(74) **JOHNSON, Philip, S.** et al. / etc.; Johnson & Johnson, One Johnson & Johnson, New Brunswick, NJ 08933 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07D 513/00**

(11) **WO 01/70749** (13) A1

(21) PCT/KR01/00347

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) ko (26) en

(30) 2000-14076 **20 Mar/mar 2000** KR **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A PROCESS FOR PREPARING CEPHALOSPORIN DERIVATIVES USING NEW THIAZOLE COMPOUND
• PROCEDE DE PREPARATION DE DERIVES DE CEPHALOSPORINE UTILISANT UN NOUVEAU COMPOSE DE THIAZOLE

(71) **HANMI FINE CHEMICALS CO. LTD.** [KR/KR]; 1248-8, ChungWang-Dong, Shiheung-City, Kyunggi-Do 429-450 (KR).

(72) **YOON, Dae, Chul**; 624-803, Ulji Apartment, 1145, Sanbon-Dong, Gunpo-City, Kyunggi-Do 435-040 (KR). **YOO, Seung, Won**; 4-103, Samsung-Chungang villa, 610, Gojan-1-Dong, Ansan-City, Kyunggi-Do 425-021 (KR). **SHIN, Dong, Gyun**; 506-6, Eupnae-3-ri, Gapyung-Eup, Gapyung-Gun, Kyunggi-Do 477-800 (KR). **LEE, Myoung, Ki**; 578-37, Eungam-3-Dong, Eunpyung-Ku, Seoul 122-013 (KR). **PARK, Mi, Soon**; 203, 1137-7, Bono-3-Dong, Ansan-City, Kyunggi-Do 425-183 (KR). **LEE, Yoon, Seok**; 501, 1112-6, Bono-3-Dong, Ansan-City, Kyunggi-Do 425-183 (KR). **SONG, Yoon, Seok**; 118-404, Boseong Apartment, 1877-5, Chungwang-Dong, Shiheung-City, Kyunggi-Do 429-450 (KR). **LEE, Ju, Cheol**; 215-103, Jugong Apartment, 872, Keumjeong-Dong, Gunpo-City, Kyunggi-Do 435-050 (KR). **OH, Sang, Mi**; 201, 1139-2, Bono-3-Dong, Ansan-City, Kyunggi-Do 425-183 (KR).

(74) **LEE, Byung, Hyun**; New Seoul Bldg. #705, 828-8, Yeoksam-dong, Kangnam-ku, Seoul 135-081 (KR).

(81) CN JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C07F 7/14, 7/18, 7/30**

(11) **WO 01/70750** (13) A1

(21) PCT/EP01/02286

(22) **1 Mar/mar 2001 (01.03.2001)**

(25) de (26) de

(30) 100 14 444.6 **23 Mar/mar 2000** DE **(23.03.2000)**

(30) 100 41 597.0 **24 Aug/août 2000** DE **(24.08.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR ADDING SI- OR GE-BONDED HYDROGEN TO AN ALIPHATIC CARBON-CARBON MULTIPLE BOND
• PROCEDE DE FIXATION PAR ADDITION D'HYDROGENE LIE A SI OU GE SUR UNE LIAISON MULTIPLE CARBONE-CARBONE ALIPHATIQUE

(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) **ABELE, Bors, Cajus** [DE/DE]; Burgkirchner Strasse 22, 84489 Burghausen (DE).

(74) **BUDCZINSKI, Angelika** et al. / etc.; Wacker-Chemie GmbH, Zentralbereich PML, Hanns-Seidel-Platz 4, 81737 München (DE).

(81) CA CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C07F 9/24, 9/14, C07H 19/00, 21/00, C07D 317/08**

(11) **WO 01/70751** (13) A1

(21) PCT/EP01/01799

(22) **19 Feb/fév 2001 (19.02.2001)**

(25) de (26) de

(30) 100 13 600.1 **18 Mar/mar 2000** DE **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • REACTIVE MONOMERS FOR THE OLIGONUCLEOTIDE AND POLYNUCLEOTIDE SYNTHESIS, MODIFIED OLIGONUCLEOTIDES AND POLYNUCLEOTIDES, AND A METHOD FOR PRODUCING THE SAME
• MONOMERES REACTIFS POUR LA SYNTHESE D'OLIGONUCLEOTIDES ET DE POLYNUCLEOTIDES, OLIGONUCLEOTIDES ET POLYNUCLEOTIDES MODIFIES ET LEUR PROCEDE DE PRODUCTION

(71) **AVENTIS RESEARCH & TECHNOLOGIES GMBH & CO. KG** [DE/DE]; 65926 Frankfurt am Main (DE).
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(72, 75) **SCHWEITZER, Markus** [DE/DE]; Ferdinand-Dirichs-Weg 30, 60529 Frankfurt am Main (DE).

(74) **ACKERMANN, Joachim**; Postfach 11 13 26, 60048 Frankfurt am Main (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07F 9/30, 9/6571**

(11) **WO 01/70752** (13) A1

(21) PCT/US01/08818

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/528,954 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS FOR THE PREPARATION OF 2-CARBOXY-ALKYL(ARYL)PHOSPHONIC ACIDS AND ANHYDRIDE(S)
• PROCEDE DE PREPARATION D'ACIDES 2-CARBOXY-ALKYL(ARYL)PHOSPHONIQUES ET D'ANHYDRIDE(S) ASSOCIE(S)

(71) **SOLUTIA INC.** [US/US]; P.O. Box 66760, Mail Code 3S, 575 Maryville Centre Drive, St. Louis, MO 63166 (US).
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(72, 75) **WEINKAUFF, David, J.** [US/US]; 1017 Amsterdam Drive, Manchester, MO 63011 (US). **PAULIK, Frank, E.** [US/US]; 13150 Amiot Drive, St. Louis, MO 63146 (US).

(74) **GOETZ, Kenneth, D.** et al. / etc.; Lathrop & Gage, LC, 2345 Grand Boulevard, Suite 2800, Kansas City, MO 64108 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07F 9/38, 9/40, A61K 31/66, A61P 3/04, 3/10**

(11) **WO 01/70753** (13) A1

(21) PCT/CA01/00373

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/191,369 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SULFUR SUBSTITUTED ARYLDIFLUOROMETHYLPHOSPHONIC ACIDS AS PTP-1B INHIBITORS
• ACIDES ARYLDIFLUOROMETHYL PHOSPHONIQUES SUBSTITUES SOUFRE EN TANT QU'INHIBITEURS DE AS PTP-1B

(71) **MERCK FROSST CANADA & CO.** [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA).
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(72, 75) **LI, Chun, Sing** [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). **LAU, Cheuk, K.** [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). **THERIEN, Michel** [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). **GAUTHIER, Jacques, Y.** [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). **BAYLY, Christopher** [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). **DUFRESNE, Claude** [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). **FORTIN, Rejean** [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). **LEBLANC, Yves** [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). **ROY, Patrick** [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). **WANG, Zhaoyin** [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA).

(74) **MURPHY, Kevin, P.** et al. / etc.; Swabey Ogilvy Renault, 1981 McGill College Avenue, Suite 1600, Montreal, Québec H3A 2Y3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07F 9/38, A61K 31/66, A61P 3/04, 3/10, C07F 9/40, 9/60, 9/58, 9/6524, 9/653, 9/553, 9/655, 9/59, 9/6539, 9/6512, 9/6558, 9/6518, 9/6506**

(11) **WO 01/70754** (13) A1

(21) PCT/CA01/00374

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/191,369 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SULFUR SUBSTITUTED ARYLDIFLUOROMETHYLPHOSPHONIC ACIDS AS PTP-1B INHIBITORS
• ACIDES ARYLDIFLUOROMETHYLPHOSPHONIQUES DOTES DE SUBSTITUANTS CONTENANT DU SOUFRE COMME INHIBITEURS DE LA PTP-1B

(71) **MERCK FROSST CANADA & CO.** [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). **BANYU PHARMACEUTICAL CO., LTD.** [JP/JP]; 2-3, Nihombashi, Honcho 2-Chome, Chuo-ku, Tokyo 103-8416 (JP).
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(72, 75) **BAYLY, Christopher** [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). **OHKUBO, Mitsuru** [JP/JP]; 2-3, Nihombashi, Honcho 2-Chome, Chuo-ku, Tokyo 103-8416 (JP).

(74) **SWABEY OGILVY RENAULT** et al. / etc.; Suite 1600, 1981 McGill College Avenue, Montreal, Québec H3A 2Y3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07F 15/00**

(11) **WO 01/70755** (13) A1

(21) PCT/AU01/00320

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) PQ 6411 **23 Mar/mar 2000** AU **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHODS OF SYNTHESIS AND USE OF RADIOLABELLED PLATINUM CHEMOTHERAPEUTIC AGENTS
• SYNTHESE ET UTILISATION D'AGENTS CHIMIOTHERAPEUTIQUES A BASE DE PLATINE RADIOMARQUES

(71) **AUSTRALIAN NUCLEAR SCIENCE & TECHNOLOGY ORGANISATION** [AU/AU]; New Illawarra Road, Lucas Heights, NSW 2234 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SMITH, Suzanne, Virginia** [AU/AU]; 9 Kitchener Road, Caringbah, NSW 2229 (AU).

(74) **SPRUSON & FERGUSON**; GPO Box 3898, Sydney, New South Wales 2001 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07H 15/00**

(11) **WO 01/70756** (13) A2

(21) PCT/EP01/03153

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) de (26) de

(30) 100 13 539.0 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LIPOPOLYSACCHARIDES (LPS) EXTRACTED FROM *ESCHERICHIA COLI*
• LIPOPOLYSACCHARIDES ISSUS *D'ESCHERICHIA COLI*

(71) **PHARMA-ZENTRALE GMBH** [DE/DE]; Loerfeldstrasse 20, 58313 Herdecke (DE).

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(72, 75) **PROPPERT, Hans** [DE/DE]; Rosenstrasse 102, 58095 Hagen (DE). **MALINKA, Jürgen** [DE/DE]; Paulswiese 11, 59379 Selm (DE). **SCHULZE, Jürgen** [DE/DE]; Alice-Bloch-Strasse 7, D-14558 Bergholz-Rehbrücke (DE). **SONNENBORN, Ulrich** [DE/DE]; Eichenweg 6, 44799 Bochum (DE). **ZÄHRINGER, Ulrich** [DE/DE]; Theodor-Storm-Strasse 34a, 22926 Ahrensburg (DE). **ULMER, Artur** [DE/DE]; Dorfstrasse 10b, 23863 Nienwohld (DE). **RIETSCHEL, Ernst, Theodor** [DE/DE]; Alsterblick 14, 22397 Hamburg (DE).

(74) **HARMSEN UTESCHER**; Alter Wall 55, 20457 Hamburg (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07H 15/00**

(11) **WO 01/70757** (13) A2

(21) PCT/US01/09049

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/191,046 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • THIOKETALS AND THIOETHERS FOR INHIBITING THE EXPRESSION OF VCAM-1
• THIOCETALS ET THIOETHERS PERMETTANT D'INHIBER L'EXPRESSION DE LA MOLECULE-1 D'ADHESION CELLULAIRE VASCULAIRE (VCAM-1)

(71) **ATHEROGENICS, INC.** [US/US]; 8995 Westside Parkway, Alpharetta, GA 30004 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MENG, Charles, Q.** [CA/US]; 725 Northerden Court, Alpharetta, GA 30005 (US). **HOONG, Lee, K.** [MY/US]; 220 Gaines Oak Way, Suwanee, GA 30024 (US). **SOMERS, Patricia, K.** [US/US]; 201 Yale Way, Fort Collins, CO 80525 (US).

(74) **KNOWLES, Sherry, M.**; King & Spalding, 191 Peachtree Street, Atlanta, GA 30303-1763 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07H 17/08, 1/06 // A61K 31/7048, A61P 31/04**

(11) **WO 01/70758** (13) A1

(21) PCT/JP01/02292

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) ja (26) ja

(30) 2000/79455 **22 Mar/mar 2000** JP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS FOR PRODUCING PURIFIED ERYTHROMYCIN
• PROCEDE DE PRODUCTION D'ERYTHROMYCINE PURIFIEE

(71) **CHUGAI SEIYAKU KABUSHIKI KAISHA** [JP/JP]; 5-1, Ukima 5-chome, Kita-ku, Tokyo 115-8543 (JP).
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(72, 75) **TSUZAKI, Kaname** [JP/JP]; c/o Chugai Seiyaku Kabushiki Kaisha, 5-1, Ukima 5-chome, Kita-ku, Tokyo 115-8543 (JP). **ISHII, Megumi** [JP/JP]; c/o Chugai Seiyaku Kabushiki Kaisha, 5-1, Ukima 5-chome, Kita-ku, Tokyo 115-8543 (JP).

(74) **SHAMOTO, Ichio** et al. / etc.; Yuasa And Hara, Section 206, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07H 21/04, C12P 21/06, C12N 15/63, 15/85, 15/86, C07K 5/10, G01N 33/543, 33/53**

(11) **WO 01/70759** (13) A1

(21) PCT/US01/09328

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,954 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • POTASSIUM CHANNEL KCNQ5
• CANAL POTASSIUM APPELE KCNQ5

(71) **ICAGEN, INC.** [US/US]; 4222 Emperor Boulevard, Suite 460, Durham, NC 27703 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JEGLA, Timothy, James** [US/US]; 5315 Revere Road, Durham, NC 27713 (US).

(74) **PARENT, Annette, S.** 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07J 9/00, 71/00**

(11) **WO 01/70760** (13) A1

(21) PCT/US01/08564

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,365 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 09/809,673 **15 Mar/mar 2001** US **(15.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS FOR PRODUCING DIELS-ALDER ADDUCTS OF STEROL 5,7-DIENES USING UNSATURATED FATTY ACID CATALYST
• PROCEDE DE PREPARATION DE PRODUITS D'ADDITION DIELS-ALDER DE STEROL 5,7-DIENES AU MOYEN D'UN CATALYSEUR D'ACIDES GRAS INSATURES

(71) **MONSANTO TECHNOLOGY LLC** [—/US]; 800 North Lindbergh Boulevard, St. Louis, MO 63167 (US).

(72) **SCHWARTZ, Michael, M.**; 1208 Hamilton Lane, Naperville, IL 60540 (US).

(74) **NEBOLSKY, Shannon, L.** et al. / etc.; Welsh & Katz, Ltd., 120 S. Riverside Plaza, 22nd Floor, Chicago, IL 60606 (US).

(81) AE AL AU BA BB BG BR CA CN CR CU CZ DM EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX NO NZ PL RO SG SI SK TR TT UA UZ VN YU ZA.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 1/00, 14/00, 17/00, A23J 1/00**

(11) **WO 01/70761** (13) A1

(21) PCT/US01/08416

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/191,646 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • USES OF ALKYLAMMONIUM SALTS IN PROTEIN RENATURATION
• UTILISATION DE SELS D'ALKYLAMMONIUM DANS LA RENATURATION DE PROTEINE

(71) **THE UNIVERSITY OF TOLEDO** [US/US]; 2801 W. Bancroft Street, Toledo, OH 43606 (US).
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(72, 75) **FLOWERS, Robert, A., II** [US/US]; 3325 W. Bancroft Street, Toledo, OH 43606 (US). **SUMMERS, Catherine, Anne** [US/US]; 2740 Miller Street, Lamberville, MI 48144 (US).

(74) **MARTINEAU, Catherine, B.** et al. / etc.; Emch, Schaffer, Schaub & Porcello, Co., L.P.A., P.O. Box 916, Toledo, OH 43697-0916 (US).

(81) CA CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C07K 1/00**

(11) **WO 01/70762** (13) A2

(21) PCT/US01/09129

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/190,806 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ADSORPTION OF POLYAMPHOLYTES TO CHARGED SURFACES AND ASSAYS INCORPORATING SAME
• ADSORPTION DE POLYAMPHOLYTES A DES SURFACES CHARGEES ET ANALYSES ASSOCIEES

(71) **RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK** [—/US]; Box 9, Albany, NY 12201-0009 (US).

(72) **MCLEOD, Kenneth**; 38 Cedar Street, Stony Brook, NY 11790 (US). **PERNODET, Nadine**; 1998 Rt. 112, Apt. 27B, Coram, NY 11727 (US). **RAFAILOVICH, Miriam**; 99 Nassau Road, Plainview, NY 11803 (US).

(74) **STEEN, Jeffrey, S.** et al. / etc.; Dilworth & Barrese, LLP, 333 Earle Ovington Boulevard, Uniondale, NY 11553 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 1/00, 14/00, 17/00, C07H 21/02, 21/04, C12N 15/00, 15/09, 15/63, 15/70, 15/74, A61K 35/12**

(11) **WO 01/70763** (13) A1

(21) PCT/US01/09355

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,331 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MODIFIED BLOOD CLOTTING FACTORS AND METHODS OF USE
• FACTEURS DE COAGULATION SANGUINE MODIFIES ET LEUR PROCEDE D'UTILISATION

(71) **THE CHILDREN'S HOSPITAL OF PHILADELPHIA** [US/US]; 34th & Civic Center Boulevard, Philadelphia, PA 19104-4399 (US).
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(72, 75) **HIGH, Katherine, A.** [US/US]; 201 Greenway Lane, Merion, PA 19066 (US). **MARGARITIS, Paris** [US/US]; 3611 Baring Street, Philadelphia, PA 19104 (US). **CAMIRE, Rodney, M.** [US/US]; 2423 Berwyn Court, Voorhees, NJ 08043 (US).

(74) **BEDGOOD, Robert, M.** et al. / etc.; Pillsbury Winthrop LLP, 53 Fremont Street, San Francisco, CA 94105 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 7/00**

(11) **WO 01/70764** (13) A2

(21) PCT/GB01/01205

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 0006692.8 **20 Mar/mar 2000** GB **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • EPITOPES
• EPITOPES

(71) **GLAXO GROUP LIMITED** [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).
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(72, 75) **KLEIN, Michel, Robert** [NL/GM]; Medical Research Council Laboratories, Fajara, The Gambia (GM).

(74) **WOODS, Geoffrey, Corlett**; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5LX (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 7/00, 14/705, A61K 38/00, A61P 31/18, G01N 33/566, 33/68**

(11) **WO 01/70765** (13) A1

(21) PCT/US01/40345

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/190,946 **21 Mar/mar 2000** US **(21.03.2000)**

(30) 60/190,996 **21 Mar/mar 2000** US **(21.03.2000)**

(30) 60/191,299 **21 Mar/mar 2000** US **(21.03.2000)**

(30) 09/813,448 **20 Mar/mar 2001** US **(20.03.2001)**

(30) 09/813,651 **20 Mar/mar 2001** US **(20.03.2001)**

(30) 09/813,653 **20 Mar/mar 2001** US **(20.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • RECEPTOR-BINDING COMPOUNDS AND METHODS FOR IDENTIFYING THEM
• COMPOSES DE LIAISON AVEC UN RECEPTEUR ET LEURS METHODES D'IDENTIFICATION

(71) **CONSENSUS PHARMACEUTICALS, INC.** [US/US]; 200 Boston Avenue, Medford, MA 02155 (US).

(72) **NESTOR, John, J., Jr.**; 19 Sweeney Ridge Road, Bedford, MA 01730 (US). **WILSON, Carol, J.**; Apartment # 3, 24 Fellsway, Somerville, MA 02145 (US).

(74) **CAMACHO, Jennifer, A.**; Testa, Hurwitz & Thibeault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **C07K 7/00**

(11) **WO 01/70766** (13) A2

(21) PCT/US01/08916

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/191,050 **21 Mar/mar 2000** US **(21.03.2000)**

(30) 60/254,989 **12 Dec/déc 2000** US **(12.12.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • THERAPEUTIC ANTI-CYTOMEGALOVIRUS COMPOUNDS
• COMPOSES THERAPEUTIQUES ANTI-CYTOMEGALOVIRUS

(71) **GENZYME CORPORATION** [US/US]; Metrowest Place, 15 Pleasant Street Connector, Framingham, MA 01701-9322 (US).

(72) **NICOLETTE, Charles, A.**; 4 Mill Street, Framingham, MA 01701 (US).

(74) **KONSKI, Antoinette, F.**; Baker & McKenzie, 660 Hansen Way, Palo Alto, CA 94304 (US).

(81) AU CA JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C07K 7/00**

(11) **WO 01/70767** (13) A2

(21) PCT/US01/08919

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/190,750 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 60/255,019 **12 Dec/déc 2000** US **(12.12.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • THERAPEUTIC ANTI-MELANOMA COMPOUNDS
• COMPOSES THERAPEUTIQUES ANTI-MELANOME

(71) **GENZYME CORPORATION** [US/US]; Metrowest Place, 15 Pleasant Street Conncector, Framingham, MA 01701-9322 (US).

(72) **NICOLETTE, Charles, A.**; 4 Mill Street, Framingham, MA 01701 (US).

(74) **KONSKI, Antoinette, F.**; Baker & McKenzie, 660 Hansen Way, Palo Alto, CA 94304 (US).

(81) AU CA JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C07K 7/00, 14/705, A61K 38/08, A61P 31/18, G01N 33/566, 33/68**

(11) **WO 01/70768** (13) A2

(21) PCT/US01/09160

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/190,946 **21 Mar/mar 2000** US **(21.03.2000)**

(30) 60/190,996 **21 Mar/mar 2000** US **(21.03.2000)**

(30) 60/191,299 **21 Mar/mar 2000** US **(21.03.2000)**

(30) 09/813,651 **20 Mar/mar 2001** US **(20.03.2001)**

(30) 09/813,653 **20 Mar/mar 2001** US **(20.03.2001)**

(30) 09/813,448 **20 Mar/mar 2001** US **(20.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BINDING COMPOUNDS AND METHODS FOR IDENTIFYING BINDING COMPOUNDS
• COMPOSES DE LIAISON ET PROCEDE D'IDENTIFICATION DE COMPOSES DE LIAISON

(71) **CONSENSUS PHARMACEUTICALS, INC.** [US/US]; 200 Boston Avenue, Medford, MA 02155 (US).

(72) **NESTOR, John, J., Jr.**; 19 Sweeney Ridge Road, Bedford, MA 01730 (US). **WILSON, Carol, J.**; 24 Fellsway, Apt. #3, Somerville, MA 02145 (US). **TAN HEHIR, Christina, A.**; 11 Fordham Street, Arlington, MA 02474 (US). **KATES, Steven, A.**; 142 Woodbine Circle, Needham, MA 02494 (US).

(74) **CAMACHO, Jennifer, A.**; Testa, Hurwitz & Thibeault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 7/06, 14/705, A61K 38/10, 38/17, A61P 1/00, 3/00, 9/00, 15/00, 25/00, 31/18, 37/02**

(11) **WO 01/70769** (13) A1

(21) PCT/JP01/02278

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) ja (26) ja

(30) 2000-87114 **23 Mar/mar 2000** JP **(23.03.2000)**

(30) 2000-288891 **19 Sep/sep 2000** JP **(19.09.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PEPTIDE DERIVATIVE
• DERIVE PEPTIDIQUE

(71) **TAKEDA CHEMICAL INDUSTRIES, LTD.** [US/US]; 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KITADA, Chieko** [JP/JP]; 2-8, Minamikoyocho 1-cho, Sakai-shi, Osaka 590-0073 (JP). **NISHIZAWA, Naoki** [JP/JP]; 18-23, Inadera 1-chome, Amagasaki-shi, Hyogo 661-0981 (JP). **HINUMA, Shuji** [JP/JP]; 7-9-1402, Kasuga 1-chome, Tsukuba-shi, Ibaraki 305-0821 (JP). **HOSOYA, Masaki** [JP/JP]; 711-83, Itaya 1-chome, Tsuchiura-shi, Ibaraki 300-0007 (JP).

(74) **TAKAHASHI, Shuichi** et al. / etc.; Osaka Plant of Takeda Chemical Industries, Ltd., 17-85, Jusohonmachi 2-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0024 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 7/08, A61K 47/48**

(11) **WO 01/70770** (13) A2

(21) PCT/US01/08886

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/190,799 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BISUBSTRATE INHIBITORS OF KINASES
• INHIBITEURS BISUBSTRATS DE KINASES

(63) US 60/190,799 (CON) 21 Mar/mar 2000 (21.03.2000)

(71) **THE JOHNS HOPKINS UNIVERSITY** [US/US]; 111 Market Place, Suite 906, Baltimore, MD 21202 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COURTNEY, Aliya** [US/US]; JHMI, 725 N. Wolfe Street, 316 Hunterian Bldg., Baltimore, MD 21205 (US). **COLE, Philip, A.** [US/US]; 5 Wendover Road, Baltimore, MD 21218 (US). **PARANG, Keykavous** [CA/US]; Apt. 7019, 3333 North Charles Street, Baltimore, MD 21218 (US). **ABLOOGU, Ararat** [TR/US]; 50 East 98th Street, Apt. 2F, New York, NY 10029 (US). **KOHANSKI, Ron** [US/US]; 8-24 Fairhaven Place, Fair Lawn, NJ 07410 (US).

(74) **KAGAN, Sarah, A.** et al. / etc.; Banner & Witcoff, Ltd., 1001 G Street, N.W., Eleventh Floor, Washington, DC 20001-4597 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/00**

(11) **WO 01/70771** (13) A2

(21) PCT/EP01/03149

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 00106110.0 **21 Mar/mar 2000** EP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ACUTE NEURONAL INDUCED CALCIUM BINDING PROTEIN TYPE 1 LIGAND
• LIGAND DE PROTEINE FIXANT LE CALCIUM A INDUCTION NEURONALE AIGUE DE TYPE 1

(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) **DEN DAAS, Izaak** [NL/DE]; Schillerstrasse 76, 64407 Fränkisch-Crumbach (DE). **DÜCKER, Klaus** [DE/DE]; Ettesterstrasse 5, 64291 Darmstadt (DE). **HOCK, Björn** [DE/DE]; Nordstrasse 2a, 63477 Maintal (DE).

(74) **MERCK PATENT GMBH**; 64271 Darmstadt (DE).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C07K 14/00**

(11) **WO 01/70772** (13) A2

(21) PCT/FR01/00872

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) fr (26) fr

(30) 00/03711 **23 Mar/mar 2000** FR **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MOLECULE OF PHARMACEUTICAL INTEREST COMPRISING AT ITS N-TERMINAL A GLUTAMIC ACID OR A GLUTAMINE IN THE FORM OF A PHYSIOLOGICALLY ACCEPTABLE STRONG ACID
• MOLECULE D'INTERET PHARMACEUTIQUE COMPORTANT EN SON EXTREMITE N-TERMINALE UN ACIDE GLUTAMIQUE OU UNE GLUTAMINE SOUS FORME DE SEL D'ADDITION D'ACIDE FORT PHYSIOLOGIQUEMENT ACCEPTABLE

(71) **PIERRE FABRE MEDICAMENT** [FR/FR]; 45 place Abel Gance, 92100 Boulogne-Billancourt (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KLINGUER-HAMOUR, Christine** [FR/FR]; Route de Chez Diossaz, Lieu dit "Les Gotables", F-74570 Groisy (FR). **CORVAIA, Nathalie** [FR/FR]; Résidence "Les Chênes", 32, rue des Chênes, F-74160 St. Julien en Genevois (FR). **BECK, Alain** [FR/FR]; 503, route du Poirier à l'Ane, F-74160 Collonges sous Salève (FR). **GOETSCH, Liliane** [FR/FR]; route de Bonneville, F-74130 Ayze (FR).

(74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).

(81) AU BR CA CN JP MX US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C07K 14/00**

(11) **WO 01/70773** (13) A2

(21) PCT/IB01/00742

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,380 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INSECTICIDAL PEPTIDES AND METHODS FOR USE OF SAME
• PEPTIDES INSECTICIDES ET PROCEDES D'UTILISATION DE CEUX-CI

(71) **BASF PLANT SCIENCE GMBH** [DE/DE]; 67056 Ludwigshafen (DE).

(72) **CORZO, Gerardo**; 2,2,22-305 Wakayamadai, Shimamoto-cho, Mishima-Gun, Osaka 618-0022 (JP). **ESCOUBAS, Pierre**; Val d'uzur Four Seasons Park Villa, Route de Biot, F-06560 Valbonne (FR).

(74) **KINZEBACH Werner**; Reitstötter, Kinzebach & Partner, P.O. Box 86 06 49, 81633 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/00**

(11) **WO 01/70774** (13) A2

(21) PCT/US01/08906

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,834 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HUMAN T CELL RESPONSE TO MHC-BINDING MOTIF CLUSTERS
• REPONSE DE LYMPHOCYTE T HUMAINS A DES AMAS A MOTIF SE LIANT A UN COMPLEXE MAJEUR D'HISTOINCOMPATIBILITE

(63) US 60/190,834 (CIP)
20 Mar/mar 2000 (20.03.2000)

(71) **BROWN UNIVERSITY RESEARCH FOUNDATION** [US/US]; 42 Charlesfield Street, Providence, RI 02912 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DEGROOT, Anne, S.** [US/US]; 292 Morris Avenue, Providence, RI 02906 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/00**

(11) **WO 01/70775** (13) A2

(21) PCT/US01/09600

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,134 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NOVEL POLYPEPTIDES, AND NUCLEIC ACIDS ENCODING THE SAME
• NOUVEAUX POLYPEPTIDES ET ACIDES NUCLEIQUES CODANT CES POLYPEPTIDES

(71) **CURAGEN CORPORATION** [US/US]; 555 Long Wharf Drive, 11th Floor, New Haven, CT 06511 (US). **GENENTECH, INC.** [US/US]; 1 DNA Way, South San Francisco, CA 94080 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RASTELLI, Luca, K.** [US/US]; 52 Pepperbush Lane, Guilford, CT 06437 (US). **PENNICA, Diane** [US/US]; -

(74) **RAUCH, Paul, E.**; Brinks Hofer Gilson & Lione, P.O. Box 10087, Chicago, IL 60610 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/195**

(11) **WO 01/70776** (13) A2

(21) PCT/US01/07478

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) en (26) en

(30) 60/188,362 **10 Mar/mar 2000** US **(10.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NIMR COMPOSITIONS AND THEIR METHODS OF USE
• COMPOSITIONS *MAR* REGULEES RECEMMENT IDENTIFIEES

(71) **TRUSTEES OF TUFTS COLLEGE** [US/US]; Ballou Hall, 4th Floor, Medford, MA 02155 (US).

(72) **LEVY, Stuart, B.**; 144 Warren Avenue, Boston, MA 02116 (US). **BARBOSA, Teresa, M.**; Rua de S. Pedro 865, 4510-430 S. Pedro da Cova (PT). **ALEKSHUN,**

Michael, N.; 44 Hawley Road, Wakefield, MA 01880 (US).

(74) **HANLEY, Elizabeth, A.** et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/415, C12N 15/29, 15/82, 5/04, A01H 5/00, 5/10**

(11) **WO 01/70777** (13) A2

(21) PCT/US01/08219

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 09/527,058 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LEAFY COTYLEDON2 GENES AND THEIR USES

• GENES DE COTYLEDON2 FEUILLUS ET LEURS UTILISATIONS

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; Office of Technology Transfer, 1111 Franklin Street, Fifth Floor, Oakland, CA 94607-5200 (US).

(72) **HARADA, John**; 115 Grande Avenue, Davis, CA 95616 (US). **KWONG, Linda**; 1915 26th Street, Sacramento, CA 95816 (US). **MATSUDAIRA YEE, Kelly**; 4541 Winter Oak Way, Antelope, CA 95843 (US).

(74) **HINSCH, Matthew, E.** et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/415, C12N 15/29, 15/82, A01H 5/00, 5/10, C12N 5/04**

(11) **WO 01/70778** (13) A2

(21) PCT/US01/08965

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/532,806 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MAIZE GLYCINE RICH PROTEIN PROMOTER COMPOSITIONS AND METHODS FOR USE THEREOF

• COMPOSITIONS DE PROMOTEURS DE LA PROTEINE RICHE EN GLYCINE DE MAIS ET PROCEDES D'UTILISATION ASSOCIES

(63) US 09/532,806 (CON) 21 Mar/mar 2000 (21.03.2000)

(71) **DEKALB GENETICS CORPORATION** [US/US]; 62 Maritime Drive, Mystic, CT 06355 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MCELROY, David** [US/US]; 353 Kingsley Avenue, Palo Alto, CA 94301 (US). **OROZCO, Emil, M., Jr.** [US/US]; 2 Dutton Farm Lane, West Grove, PA 19390 (US). **LACCETTI, Lucille, B.** [US/US]; 34 Country Club Road, Groton, CT 06340 (US).

(74) **HANSON, Robert, E.**; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/435, C12N 15/12, A61K 38/17, A61P 35/00**

(11) **WO 01/70779** (13) A1

(21) PCT/CN01/00157

(22) **26 Feb/fév 2001 (26.02.2001)**

(25) zh (26) zh

(30) 00 1 11935.4 **7 Mar/mar 2000** CN **(07.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE-HUMAN CDC4 ANALOGOUS PROTEIN AND THE POLYNUCLEOTIDE ENCODING SAID POLYPEPTIDE

• NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE 12 DE TYPE CDC4, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN).
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(72, 75) **MAO, Yumin** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN).

(74) **WATSON & BAND LAW OFFICES**; 61 Nanjing Rd (E), 11th Floor, Shanghai 200002 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/435, C12N 15/12, A61K 38/17, A61P 35/00**

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(22) **26 Feb/fév 2001 (26.02.2001)**

(25) zh (26) zh

(30) 00 1 11942.7 **7 Mar/mar 2000** CN **(07.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE-HUMAN RIBOSOMAL SII PROTEIN 12 AND THE POLYNUCLEOTIDE ENCODING SAID POLYPEPTIDE

• NOUVEAU POLYPEPTIDE, PROTEINE RIBOSOMALE HUMAINE SII 12, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 3rd Building, 12th Floor, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
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(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/435, C12N 15/12, A61K 38/17, A61P 35/00**

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(22) **26 Feb/fév 2001 (26.02.2001)**

(25) zh (26) zh

(30) 00 1 11958.3 **10 Mar/mar 2000** CN **(10.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE-HUMAN ILF 13 AND THE POLYNUCLEOTIDE ENCODING SAID POLYPEPTIDE
• NOUVEAU POLYPEPTIDE, FACTEUR HUMAIN D'ACTIVATION 13 DE LA LIAISON (ILF) ENTRE LEUCOCYTES, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN).
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(72, 75) **MAO, Yumin** [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/435, A61K 38/17**

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(25) zh (26) zh

(30) 00 1 11894.3 **7 Mar/mar 2000** CN **(07.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE-HUMAN DIHYDROOROTASE 9 AND THE POLYNUCLEOTIDE ENCODING SAID POLYPEPTIDE
• NOUVEAU POLYPEPTIDE, DIHYDROOROTASE HUMAINE 9, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 3rd Building, 12th floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
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(72, 75) **MAO, Yumin** [CN/CN]; 3rd Building, 12th floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 3rd Building, 12th floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **WATSON & BAND LAW OFFICES**; 61 Nanjing Road (E), 11th floor, Shanghai 200002 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/435, C12N 15/12, A61K 38/17, A61P 35/00**

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(22) **26 Feb/fév 2001 (26.02.2001)**

(25) zh (26) zh

(30) 00 1 11923.0 **7 Mar/mar 2000** CN **(07.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE-HUMAN GAMMA-COP PROTEIN 16 AND THE POLYNUCLEOIDE ENCODING SAID POLYPEPTIDE
• NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE GAMMA-COP 16, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
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(72, 75) **MAO, Yumin** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/435, C12N 15/12, A61K 38/17, A61P 35/00**

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(22) **26 Feb/fév 2001 (26.02.2001)**

(25) zh (26) zh

(30) 00 1 11927.3 **7 Mar/mar 2000** CN **(07.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE-HUMAN PROTEIN 17 CONTAINING CHROMO DOMAIN AND THE POLYNUCLEOTIDE ENCODING SAID POLYPEPTIDE
• NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE 17 CONTENANT UN DOMAINE DE STRUCTURE CHROMO, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 12F, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
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(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/435, C12N 15/55, A61K 38/46**

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(22) **26 Feb/fév 2001 (26.02.2001)**

(25) zh (26) zh

(30) 00 1 11981.8 **10 Mar/mar 2000** CN **(10.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN ATP-DEPENDENT SERINE PROTEIN HYDROLASE 13 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE
• NOUVEAU POLYPEPTIDE, SERINE PROTEINASE HUMAINE ATP-DEPENDANTE 13, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
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(72, 75) **MAO, Yumin** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/435, C12N 15/12, A61K 38/17**

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(22) **26 Feb/fév 2001 (26.02.2001)**

(25) zh (26) zh

(30) 00 1 11969.9 **10 Mar/mar 2000** CN **(10.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN TNFR/NGFR PROTEIN CONTAINING CYTOCHROME C DOMAIN AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE

• NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE TNFR/NGFR 9 CONTENANT UN DOMAINE STRUCTUREL DES CYTOCHROMES C, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 3rd Building, 12th floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
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(72, 75) **MAO, Yumin** [CN/CN]; 3rd Building, 12th floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 3rd Building, 12th Floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/435, C12N 15/54, A61K 38/45**

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(22) **26 Feb/fév 2001 (26.02.2001)**

(25) zh (26) zh

(30) 00 1 11967.2 **10 Mar/mar 2000** CN **(10.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN TRANSGLUTAMINASE 12 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE

• NOUVEAU POLYPEPTIDE, GLUTAMYL-AMINASE INVERSE HUMAINE 12, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN).
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(72, 75) **MAO, Yumin** [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/435, C12N 15/52, A61K 38/43**

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(22) **26 Feb/fév 2001 (26.02.2001)**

(25) zh (26) zh

(30) 00 1 11961.3 **10 Mar/mar 2000** CN **(10.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE, A PROTEIN KINASE C-10 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE

• NOUVEAU POLYPEPTIDE, PROTEINE KINASE C-10, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
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(72, 75) **MAO, Yumin** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/435, C12N 15/12, A61K 38/17, A61P 35/00**

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(22) **26 Feb/fév 2001 (26.02.2001)**

(25) zh (26) zh

(30) 00 1 11830.7 **2 Mar/mar 2000** CN **(02.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE-HUMAN RIBOSOMAL PROTEIN S5-17 AND THE POLYNUCLEOTIDE ENCODING SAID POLYPEPTIDE

• NOUVEAU POLYPEPTIDE, PROTEINE RIBOSOMALE HUMAINE S5-17, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN).
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(72, 75) **MAO, Yumin** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN).

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(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/435, A61K 38/17**

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(25) zh (26) zh

(30) 00 1 11841.2 **2 Mar/mar 2000** CN **(02.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE-HUMAN DIHYDROOROTASE 23 AND THE POLYNUCLEOTIDE ENCODING SAID POLYPEPTIDE
• NOUVEAU POLYPEPTIDE, DIHYDROORATASE HUMAINE 23, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 3rd Building, 12th floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
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(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/435, C12N 15/12, A61K 38/17**

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(22) **26 Feb/fév 2001 (26.02.2001)**

(25) zh (26) zh

(30) 00 1 11909.5 **7 Mar/mar 2000** CN **(07.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN NF-E2 RELATIVE FACTOR 14 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE
• NOUVEAU POLYPEPTIDE, FACTEUR HUMAIN LIE A NF-E2, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Rd., Shanghai 200092 (CN).
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(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/435, C12N 15/52, A61K 38/43**

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(22) **26 Feb/fév 2001 (26.02.2001)**

(25) zh (26) zh

(30) 00 1 11911.7 **7 Mar/mar 2000** CN **(07.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN TYROSINASE 12 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE
• NOUVEAU POLYPEPTIDE, TYROSINASE HUMAINE 12, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 12F, 3rd Building, No. 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN).
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(74) **WATSON & BAND LAW OFFICES**; 61 Nanjing Rd (E), 11th Floor, Shanghai 200002 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/435, C12N 15/12, A61K 38/17**

(11) **WO 01/70793** (13) A1

(21) PCT/CN01/00399

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) zh (26) zh

(30) 00 1 15088.X **24 Mar/mar 2000** CN **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN MITOCHONDRIAL CARRIER PROTEIN 9 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE
• NOUVEAU POLYPEPTIDE, PROTEINE PORTEUSE MITOCHONDRIALE HUMAINE 9, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 3rd Building, 12th floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 3rd Building, 12th floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 3rd Building, 12th Floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Published / Publiée : *(c)*

Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG); (t) for the following designation / pour la désignation suivante : US
(u) for / pour US only / seulement

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(51)[7] **C07K 14/435, C12N 15/12, A61K 38/17**

(11) **WO 01/70794** (13) A1

(21) PCT/CN01/00401

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) zh (26) zh

(30) 00 1 15080.4 **24 Mar/mar 2000** CN **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN ZINC FINGER PROTEIN 11 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE
• NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE A DOIGT DE ZINC 11, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Published / Publiée : *(c)*

Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG); (t) for the following designation / pour la désignation suivante : US
(u) for / pour US only / seulement

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(51)[7] **C07K 14/435, C12N 15/52, A61K 38/43**

(11) **WO 01/70795** (13) A1

(21) PCT/CN01/00403

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) zh (26) zh

(30) 00 1 15082.0 **24 Mar/mar 2000** CN **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN PHOSPHORIBOSYL GLYCINAMIDE SYNTHETASE 13 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE
• NOUVEAU POLYPEPTIDE, GLYCINAMIDE RIBONUCLEOTIDE SYNTHETASE HUMAINE 13, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Published / Publiée : *(c)*

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(s) for all designations except / pour toutes les désignations sauf US
(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG); (t) for the following designation / pour la désignation suivante : US
(u) for / pour US only / seulement

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(51)[7] **C07K 14/435, C12N 15/12, A61K 38/17**

(11) **WO 01/70796** (13) A1

(21) PCT/CN01/00415

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) zh (26) zh

(30) 00 1 15127.4 **24 Mar/mar 2000** CN **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN ZINC FINGER PROTEIN 78 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE
• NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE A DOIGT DE ZINC 78, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Published / Publiée : *(c)*

Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(u) for / pour US only / seulement

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(51)[7] **C07K 14/435, C12N 15/12, 15/70, 15/85, C07K 16/18, A01N 25/00, C12N 1/21, 5/10, A01K 67/033**

(11) **WO 01/70797** (13) A1

(21) PCT/EP01/02484

(22) **6 Mar/mar 2001 (06.03.2001)**

(25) de (26) de

(30) 10013619.2 **18 Mar/mar 2000** DE **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LIGAND-CONTROLLED ANION CHANNELS OF INSECTS
• CANAUX ANIONIQUES COMMANDES PAR LIGAND D'INSECTES

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRANKEN, Eva-Maria** [DE/DE]; Sternstrasse 21, 42799 Leichlingen (DE). **FRIEDRICH, Gabi** [DE/DE]; Kalkstrasse 124, 51377 Leverkusen (DE). **RAMING, Klaus** [DE/US]; 1824 Anamor Street, Redwood City, CA 94061 (US).

(74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/435**

(11) **WO 01/70798** (13) A2

(21) PCT/EP01/02971

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/189,743 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • *NUSAP*, A NOVEL GENE ENCODING A TISSUE-SPECIFIC NUCLEAR PROTEIN, USEFUL AS A DIAGNOSTIC TOOL AND THERAPEUTIC AGENT
• *NUSAP*, NOUVEAU GENE CODANT UNE PROTEINE NUCLEAIRE DE SPECIFICITE TISSULAIRE UTILE EN TANT QU'OUTIL DE DIAGNOSTIC ET AGENT THERAPEUTIQUE

(71) **LEUVEN RESEARCH & DEVELOPMENT VZW** [BE/BE]; Groot Begijnhof, Benedenstraat 60/3, B-3000 Leuven (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOUILLON, Roger** [BE/BE]; Schoonzichtlaan 22, B-3020 Herent (Winksele) (BE). **CARMELIET, Geert** [BE/BE]; Vinkenbosstraat 44, B-3052 Oud-Heverlee (BE). **RAEMAEKERS, Tim** [BE/BE]; Guffenslaan 59/b6, B-3500 Hasselt (BE).

(74) **BIRD, William, E.** et al. / etc.; Bird Goën & Co., Vilvoordsebaan 92, B-3020 Winksele (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declaration / Déclaration :
(u) for / pour US only / seulement

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(51)[7] **C07K 14/435, C12P 21/02, C12N 1/15, 1/19, 1/21, A61K 38/17, C12N 15/12, C07K 16/18, C12N 5/10, A61K 39/395, A61P 7/02, A01N 63/00**

(11) **WO 01/70799** (13) A1

(21) PCT/JP01/02209

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-78967 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NOVEL PROTEIN HAVING HEMOLYTIC ACTIVITY AND GENE ENCODING THE PROTEIN
• NOUVELLE PROTEINE A ACTIVITE HEMOLYTIQUE ET GENE CODANT LADITE PROTEINE

(71) **SUNTORY LIMITED** [JP/JP]; 1-40, Dojimahama 2-chome, Kita-ku, Osaka-shi, Osaka 530-8203 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAGAI, Hiroshi** [JP/JP]; Room # 807, 3-17, Ecchujima 1-chome, Koto-ku, Tokyo 135-0044 (JP). **KURODA, Kyoko** [JP/JP]; 19, Kawakami-cho, Nishigamo, Kita-ku, Kyoto-shi, Kyoto 603-8817 (JP). **NAKAJIMA, Terumi** [JP/JP]; 6-21, Nishiochiai 4-chome, Shinjuku-ku, Tokyo 161-0031 (JP).

(74) **KUSAMA, Osamu**; KUSAMA PATENT OFFICE, 7F Iwata Bldg., 5-12, Iidabashi 4-chome, Chiyoda-ku, Tokyo 102-0072 (JP).

(81) AU BR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C07K 14/47, C12N 15/52, 15/63, C07K 16/40**

(11) **WO 01/70800** (13) A1

(21) PCT/CN01/00186

(22) **26 Feb/fév 2001 (26.02.2001)**

(25) zh (26) zh

(30) 00 1 11976.1 **10 Mar/mar 2000** CN **(10.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE-HUMAN ATP-DEPENDENT HELICASE PROTEIN 11 AND A POLYNUCLEOTIDE SEQUENCE ENCODING THE SAME
• NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE 11 HELICASE ATP-DEPENDANTE, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 3rd Building, 12th Floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 3rd Building, 12th Floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 3rd Building, 12th Floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **C07K 14/47, C12N 15/52, 15/63, C07K 16/40**

(11) **WO 01/70801** (13) A1

(21) PCT/CN01/00244

(22) **26 Feb/fév 2001 (26.02.2001)**

(25) zh (26) zh

(30) 00 1 11965.6 **10 Mar/mar 2000** CN **(10.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE - HUMAN RNA HELICASE 34 AND A POLYNUCLEOTIDE SEQUENCE ENCODING THE SAME
• NOUVEAU POLYPEPTIDE, ARN HELICASE HUMAINE 34, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 3rd Building, 12th floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 3rd Building, 12th Floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 3rd Building, 12th Floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/47, C12N 15/12, A61K 38/17**

(11) **WO 01/70802** (13) A1

(21) PCT/CN01/00246

(22) **26 Feb/fév 2001 (26.02.2001)**

(25) zh (26) zh

(30) 00111962.1 **10 Mar/mar 2000** CN **(10.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE, ZINC FINGER PROTEIN 11 AND THE POLYNUCLEOTIDE ENCODING THEREOF
• NOUVEAU POLYPEPTIDE, PROTEINE A DOIGT DE ZINC 11, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 12F, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12F, 3rd Building, No. 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/47, C12N 15/12, 15/63, C07K 16/00**

(11) **WO 01/70803** (13) A1

(21) PCT/CN01/00363

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) zh (26) zh

(30) 00 1 15040.5 **22 Mar/mar 2000** CN **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE - HUMAN REGULATORY TRANSCRIPTION FACTOR 9.7 AND A POLYNUCLEOTIDE SEQUENCE ENCODING THE SAME
• NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE DE REGULATION DE LA TRANSCRIPTION 9.7, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 3rd Building, 12th Floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 3rd Building, 12th Floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 3rd Building, 12th Floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **WATSON & BAND LAW OFFICES**; 11th Floor, 61 Nanjing Road (E), Shanghai 200002 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(u) for / pour US only / seulement

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(51)[7] **C07K 14/47, C12N 5/10, 5/16, 15/12, 15/63, 15/64**

(11) **WO 01/70804** (13) A1

(21) PCT/US01/08585

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,076 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 60/227,009 **23 Aug/août 2000** US **(23.08.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • 7 HUMAN OVARIAN AND OVARIAN CANCER ASSOCIATED PROTEINS
• 7 PROTEINES HUMAINES OVARIENNES ET PROTEINES ASSOCIEES AU CANCER DES OVAIRES

(71) **HUMAN GENOME SCIENCES, INC.** [US/US]; 9410 Key West Avenue, Rockville, MD 20850 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BIRSE, Charles, E.** [US/US]; 13822 Saddleview Drive, North Potomac, MD 20878 (US). **ROSEN, Craig, A.** [US/US]; 22400 Rolling Hill Road, Laytonsville, MD 20882 (US).

(74) **WALES, Michele, M.** et al. / etc.; Human Genome Sciences, Inc., 9410 Key West Avenue, Rockville, MD 20850 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/47, C12N 15/12, A61K 38/17, C07K 16/18, G01N 33/48, A61P 37/00**

(11) **WO 01/70805** (13) A2

(21) PCT/US01/08596

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,716 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SOLUBLE MAST CELL FUNCTION ASSOCIATED ANTIGEN (MAFA) PHARMACEUTICAL COMPOSITIONS AND METHODS OF MAKING AND USING THEM
• ANTIGENE ASSOCIE AUX FONCTIONS DE MASTOCYTE (MAFA) SOLUBLE, COMPOSITIONS PHARMACEUTIQUES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION

(71) **GEMINI SCIENCE, INC.** [US/US]; Suite 940, 4275 Executive Square, La Jolla, CA 92037 (US).
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(72, 75) **TAKAHASHI, Nobuaki** [JP/US]; 239 North Granados Avenue, Solana Beach, CA 92075 (US). **MIKAYAMA, Toshifumi** [JP/US]; 3165 Lower Ridge Road, San Diego, CA 92130 (US).

(74) **WETHERELL, John, R.** et al. / etc.; Pillsbury Winthrop, LLP., 50 Fremont Street, San Francisco, CA 94105 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/47**

(11) **WO 01/70806** (13) A2

(21) PCT/US01/08834

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,638 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 60/191,188 **22 Mar/mar 2000** US **(22.03.2000)**

(30) 60/193,639 **31 Mar/mar 2000** US **(31.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NOVEL HUMAN SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THE SAME
• NOUVELLES PROTEINES HUMAINES SECRETEES ET POLYNUCLEOTIDES CODANT LESDITES PROTEINES

(71) **LEXICON GENETICS INCORPORATED** [US/US]; 4000 Research Forest Drive, The Woodlands, TX 77381 (US).

(72) **WALKE, D., Wade**; 7507 Danehill Drive, Spring, TX 77389 (US). **WILGANOWSKI, Nathaniel, L.**; 505 Cypress Station #1906, Houston, TX 77090 (US). **TURNER, C., Alexander, Jr.**; 67 Winter Wheat Place, The Woodlands, TX 77381 (US). **HILBUN, Erin**; 16222 Stuebner Airline, Spring, TX 77379 (US). **WANG, Xiaoming**; Apartment 106, 1945 North Hicks Road, Palatine, IL 60074 (US). **DONOHO, Gregory**; 95 Autumn Branch Drive, The Woodlands, TX 77382 (US). **SCOVILLE, John**; 8222 Kingsbrook Drive #543, Houston, TX 77024 (US).

(74) **ISHIMOTO, Lance, K.** et al. / etc.; Lexicon Genetics Incorporated, 4000 Research Forest Drive, The Woodlands, TX 77381 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/47, C12N 15/12, 15/66, 5/10, A01K 67/027, C07K 16/18, C12N 15/11, C12Q 1/68, A61K 38/17, A61P 37/00**

(11) **WO 01/70807** (13) A2

(21) PCT/US01/09220

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,631 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • G-PROTEIN ASSOCIATED MOLECULES
• MOLECULES ASSOCIEES A LA PROTEINE G

(71) **INCYTE GENOMICS, INC.** [US/US]; 3160 Porter Drive, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAL, Preeti** [IN/US]; P.O. Box 5142, Santa Clara, CA 95056 (US). **YUE, Henry** [US/US]; 826 Lois Avenue, Sunnyvale, CA 94087 (US). **LU, Dyung, Aina, M.** [US/US]; 233 Coy Drive, San Jose, CA 95123 (US).

(74) **HAMLET-COX, Diana** et al. / etc.; Incyte Genomics, Inc., 3160 Porter Drive, Palo Alto, CA 94304 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU

ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/47, C12N 15/12, 15/11, A61P 35/00, 9/10, C12N 5/10, C12Q 1/68, A01K 67/027**

(11) **WO 01/70808** (13) A2

(21) PCT/US01/09609

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,134 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ANGIOGENESIS ASSOCIATED PROTEINS, AND NUCLEIC ACIDS ENCODING THE SAME

• PROTEINES ASSOCIEES A L'ANGIOGENESE ET ACIDES NUCLEIQUES CODANT CES PROTEINES

(71) **CURAGEN CORPORATION** [US/US]; 11th Floor, 555 Long Wharf Drive, New Haven, CT 06511 (US). **GENENTECH, INC.** [US/US]; 1 DNA Way, South San Francisco, CA 94080 (US).
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(72, 75) **RASTELLI, Luca, K.** [US/US]; 52 Pepperbush Lane, Guilford, CT 06437 (US). **GERRITSEN, Mary** [US/US]; -

(74) **RAUCH, Paul, E.**; Brinks Hofer Gilson & Lione, P.O. Box 10087, Chicago, IL 60610 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/61, C12N 15/18, 15/63, C07K 16/26**

(11) **WO 01/70809** (13) A1

(21) PCT/CN01/00214

(22) **26 Feb/fév 2001 (26.02.2001)**

(25) zh (26) zh

(30) 00 1 11926.5 **7 Mar/mar 2000** CN **(07.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE - PROTEIN 9 OF GROWTH HORMONE-FAMILY AND A POLYNUCLEOTIDE SEQUENCE ENCODING THE SAME

• NOUVEAU POLYPEPTIDE, FAMILLE PROTEIQUE 9 D'HORMONE DE CROISSANCE, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **WATSON & BAND LAW OFFICES**; 11th Floor, 61 Nanjing Road (E), Shanghai 200002 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **C07K 14/705**

(11) **WO 01/70810** (13) A2

(21) PCT/EP01/02545

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) en (26) en

(30) 00105820.5 **20 Mar/mar 2000** EP **(20.03.2000)**

(30) 00106401.3 **24 Mar/mar 2000** EP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ATP BINDING CASSETTE TRANSPORTER 1 (ABC1) GENE POLYMORPHISMS AND USES THEREOF FOR THE DIAGNOSIS AND TREATMENT OF LIPID DISORDERS, CARDIOVASCULAR DISEASES AND INFLAMMATORY DISEASES

• POLYMORPHISMES GENIQUES DE TRANSPORTEUR 1 DE CASSETTES DE LIAISON D'ATP (ABC1) ET UTILISATIONS DE CEUX-CI DANS LE DIAGNOSTIC ET LE TRAITEMENT DE TROUBLES LIPIDIQUES, DE MALADIES CARDIO-VASCULAIRES ET DE MALADIES INFLAMMATOIRES

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHMITZ, Gerd** [DE/DE]; Turmstr. 15 A, 93161 Sinzing (DE). **BODZIOCH, Marek** [PL/PL]; Sucha 19/B, 30-601 Krakow (PL).

(74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/705, C12N 15/12, 15/63, 5/10**

(11) **WO 01/70811** (13) A1

(21) PCT/EP01/02791

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 100 13 732.6 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • POTASSIUM CHANNEL PROTEIN KCNQ5, A TARGET FOR DISEASES OF CENTRAL NERVOUS SYSTEM AND CARDIOVASCULAR SYSTEM

• PROTEINE DU CANAL CALCIQUE KCNQ5, CIBLE DE MALADIES DU SYSTEME NERVEUX CENTRAL ET DU SYSTEME CARDIOVASCULAIRE

(71) **AVENTIS PHARMA DEUTSCHLAND GMBH** [DE/DE]; Brüningstrasse 50, 65929 Frankfurt (DE).

(72) **LERCHE, Christian**; Nievenheimer Strasse 15, 40221 Düsseldorf (DE). **SCHERER, Constanze**; Ahornweg 4, 72076 Tübingen (DE). **SEEBOHM, Guiscard**; Heimbergstrasse 17, 37647 Polle (DE). **BUSCH, Andreas**; Waldplateau 83, 65779 Kelkheim (DE). **STEINMEYER, Klaus**; Grüneburgweg 112, 60323 Frankfurt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/705**

(11) **WO 01/70812** (13) A2

(21) PCT/EP01/03162

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,554 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 60/210,734 **12 Jun/juin 2000** US **(12.06.2000)**

(30) 60/255,147 **14 Dec/déc 2000** US **(14.12.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • REGULATION OF HUMAN HISTAMINE H2-LIKE G PROTEIN-COUPLED RECEPTOR

- REGULATION DU RECEPTEUR COUPLE AUX PROTEINES G DE TYPE H2 DE L'HISTAMINE HUMAINE

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAMAKRISHNAN, Shyam** [IN/US]; 76 Euston Road, Apt. #10, Brighton, MA 02135 (US).

(74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/705, C12N 15/12, 15/66, 15/11, C12Q 1/68, A61K 38/17, A61P 25/00**

(11) **WO 01/70813** (13) A2

(21) PCT/EP01/03335

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,759 **24 Mar/mar 2000** US **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- REGULATION OF HUMAN GluR5-LIKE RECEPTOR
- REGULATION DU RECEPTEUR SEMBLABLE AU GLUR5 HUMAIN

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAMAKRISHNAN, Shyam** [IN/US]; Apt. #10, 76 Euston Road, Brighton, MA 02135 (US).

(74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/705, C12N 15/63, C12Q 1/68, G01N 33/68, A61K 48/00**

(11) **WO 01/70814** (13) A2

(21) PCT/EP01/03336

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,765 **24 Mar/mar 2000** US **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- REGULATION OF HUMAN RTA-LIKE G PROTEIN-COUPLED RECEPTOR
- REGULATION DU RECEPTEUR DE LA PROTEINE G SEMBLABLE A LA RTA HUMAINE

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAMAKRISHNAN, Shyam** [IN/US]; 76 Euston Road, Apt. #10, Brighton, MA 02135 (US).

(74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/705, C12N 15/12, 1/21, 1/19, 5/10, C12P 21/02, C07K 16/28, C12Q 1/02, G01N 33/50, 33/15**

(11) **WO 01/70815** (13) A1

(21) PCT/JP01/02060

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) ja (26) ja

(30) 2000-78992 **21 Mar/mar 2000** JP **(21.03.2000)**

(30) 2000-187978 **22 Jun/juin 2000** JP **(22.06.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- NOVEL LEUKOTRIENE B4 RECEPTOR
- NOUVEAU RECEPTEUR DU LEUCOTRIENE B4

(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) **KAMOHARA, Masazumi** [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). **MATSUMOTO, Mitsuyuki** [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). **TAKASAKI, Jun** [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). **SAITO, Tetsu** [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). **OHISHI, Takahide** [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP).

(74) **NAGAI, Shozo** et al. / etc.; c/o Yamanouchi Pharmaceutical Co., Ltd., Patent Department, 17-1, Hasune 3-chome, Itabashi-ku, Tokyo 174-8612 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 14/705**

(11) **WO 01/70816** (13) A2

(21) PCT/US01/09050

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/191,355 **22 Mar/mar 2000** US **(22.03.2000)**

(30) 60/269,799 **20 Feb/fév 2001** US **(20.02.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- NOVEL ECDYSONE RECEPTOR-BASED INDUCIBLE GENE EXPRESSION SYSTEM
- NOUVEAU SYSTEME D'EXPRESSION GENETIQUE INDUCIBLE FONDE SUR LE LE RECEPTEUR A L'ECDYSONE

(71) **ROHM AND HAAS COMPANY** [US/US]; 100 Independece Mall West, Philadelphia, PA 19106-2399 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PALLI, Subba, Reddy** [CA/US]; 832 Garfield Avenue, Lansdale, PA 19446 (US). **KAPITSKAYA, Marianna Zinovjevna** [RU/US]; 59 Wexford Road, North Wales, PA 19454 (US). **CRESS, Dean, Ervin** [US/US]; 104 Leslie Lane, Sounderton, PA 18964 (US).

(74) **MILLER, Suzanne, E.** et al. / etc.; Woodcock Washburn Kurtz Mackiewicz & Norris LLP, 46th floor, One Liberty Place, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG)

(u) for / pour US only / seulement; (u) for / pour US only / seulement

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(51)[7] **C07K 16/28, C12N 5/16, C12Q 1/06**

(11) **WO 01/70817** (13) A1

(21) PCT/JP00/08723

(22) **7 Dec/déc 2000 (07.12.2000)**

(25) ja (26) ja

(30) 2000-77383 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MONOCLONAL ANTIBODY AND METHOD AND KIT FOR THE IMMUNOASSAY OF SOLUBLE HUMAN ST2 WITH THE USE OF THE SAME
• ANTICORPS MONOCLONAL ET METHODE ET KIT D'IMMUNODOSAGE DE ST2 HUMAINE SOLUBLE L'UTILISANT

(71) **MEDICAL & BIOLOGICAL LABORATORIES CO., LTD.** [JP/JP]; 5F, Sumitomoshoji Marunouchi Building, 5-10, Marunouchi 3-chome, Naka-ku, Nagoya-shi, Aichi 460-0002 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **TOMINAGA, Shin-Ichi** [JP/JP]; 1-3-24, Edahigashi, Tsudsuki-ku, Yokohama-shi, Kanagawa 224-0004 (JP). **ARAI, Takao** [JP/JP]; 5-18-7, Kasuga-cho, Nerima-ku, Tokyo 179-0074 (JP).

(72, 75) **KUROIWA, Kenji** [JP/JP]; 15-11, Takaodai, Numadu-shi, Shizuoka 410-0017 (JP). **OSHIKAWA, Katsuhisa** [JP/JP]; 2-413, Diapalace jitiidai, 3-1-3, Gion, Minamikawachi-cho, Kawachi-gun, Tochigi 329-0434 (JP).

(74) **KONISHI, Tomimasa** et al. / etc.; Marunouchi Estate Building 7th Floor, 17-12, Marunouchi 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0002 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C07K 16/40, A61K 39/395, C12N 5/12, G01N 33/577, A61P 7/00**

(11) **WO 01/70818** (13) A1

(21) PCT/US01/09409

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,429 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ANTI-C2/C2A INHIBITORS OF COMPLEMENT ACTIVATION
• INHIBITEURS ANTI-C2/C2A D'ACTIVATION DE COMPLEMENT

(71) **TANOX, INC.** [US/US]; 10301 Stella Link, Houston, TX 77025 (US).

(72) **FUNG, Michael**; 3511 Deal, Houston, TX 77025 (US). **SUN, Cecily**; 4901 Welford Drive, Bellaire, TX 77041 (US). **SUN, William, N.**; 4901 Welford Drive, Bellaire, TX 77041 (US).

(74) **LILJESTRAND, Cheryl, A.**; Tanox, Inc., 10301 Stella Link, Houston, TX 77025 (US).

(81) AE AG AL AM AU AZ BA BB BG BR BY BZ CA CN CR CU CZ DM DZ EE GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LV MA MD MG MK MN MW MX MZ NO NZ PL RO RU SD SG SI SK SL TJ TM TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08B 1/00, D01F 2/00, D01D 1/02, C08J 5/18, C08L 1/02 // 1:02**

(11) **WO 01/70819** (13) A1

(21) PCT/DE00/03413

(22) **29 Sep/sep 2000 (29.09.2000)**

(25) de (26) de

(30) 100 13 777.6 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND DEVICE FOR CONTINUALLY PRODUCING A SUSPENSION OF CELLULOSE IN AN AQUEOUS AMINE OXIDE
• PROCEDE ET DISPOSITIF POUR PRODUIRE EN CONTINU UNE SUSPENSION CELLULOSIQUE DANS UN AMINOXYDE AQUEUX

(71) **ALCERU SCHWARZA GMBH** [DE/DE]; Breitscheidstrasse 148, 07407 Rudolstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAUER, Ralf-Uwe** [DE/DE]; Am Anger 9, 07407 Rudolstadt (DE). **KIND, Uwe** [DE/DE]; Kastanienring 37, 07407 Rudolstadt (DE).

(74) **BRANDENBURG, Thomas**; Frankfurter Strasse 68, 53773 Hennef (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08B 3/00, 3/06**

(11) **WO 01/70820** (13) A1

(21) PCT/JP01/02340

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-82464 **23 Mar/mar 2000** JP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS FOR PREPARING CELLULOSE ESTERS
• PROCEDE DE PREPARATION D'ESTERS CELLULOSIQUES

(71) **HOKKAIDO TECHNOLOGY LICENSING OFFICE CO.,LTD.** [JP/JP]; 8-1, Kita 7 Jou Nishi 2-Chome, Kita-Ku, Sapporo-Shi, Hokkaido 060-0807 (JP). **DAICEL CHEMICAL INDUSTRIES,LTD.** [JP/JP]; 1, Teppo-Cho, Sakai-Shi, Osaka 590-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAKAI, Mitsuo** [JP/JP]; 4-3, Minami 17 Jou Nishi 17-Chome, Chuo-Ku, Sapporo-Shi, Hokkaido 064-0917 (JP). **NAGAI, Nobuhiro** [JP/JP]; 6-33, Nishino 1 Jou 6-Chome, Nishi-Ku, Sapporo-Shi, Hokkaido 063-0031 (JP).

(74) **NAKAMURA, Minoru** et al. / etc.; Room 646, Shin-Tokyo Bldg, 3-1, Marunouchi 3-Chome, Chiyoda-ku, Tokyo 100-8355 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08C 19/44**

(11) **WO 01/70821** (13) A1

(21) PCT/US01/09097

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/533,746 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR PREPARING COUPLED POLYMERS
• PROCEDE DE PREPARATION DE POLYMERES COUPLES

(71) **BRIDGESTONE/FIRESTONE, INC.** [US/US]; 1200 Firestone Parkway, Akron, OH 44317 (US).

(72) **DEDECKER, Mark**; 8775 Leyland Avenue N.W., North Canton, OH 44720 (US).

(74) **BURLESON, David** et al. / etc.; Bridgestone/Firestone, Inc., I.P. Law Dept., 1200 Firestone Parkway, Akron, OH 44317 (US).

(81) JP MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **C08F**

(11) **WO 01/70822** (13) A2

(21) PCT/US01/09313

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/532,499 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS FOR FORMING CENTIPEDE POLYMER GELS
• PROCEDE DE FORMATION DE GELS POLYMERES CENTIPEDES

(63) US 09/532,499 (CIP) 23 Mar/mar 2000 (23.03.2000)

(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) **WANG, Xiaorong** [CN/US]; 1788D Amber Hills Drive, Akron, OH 44313 (US). **FOLTZ, Victor** [US/US]; 2895 Premae Drive, Akron, OH 44312 (US). **HOGAN, Terrence** [US/US]; 2200 High Street, Apartment 369, Cuyahoya Falls, OH 44221 (US). **COLE, William** [US/US]; 6595 Fairland Road, Clinton, OH 44216 (US). **MASHITA, Naruhiko** [JP/JP]; Bridgestone Corporation, Mat'l. Dev. Dept., Chem & Ind. Prods. Div., 1 Kashio-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244 (JP). **WAKANA, Yuichiro** [JP/JP]; Bridgestone Corporation, Mat'l. Dev. Dept., Chem. & Ind. Prods. Div., 1 Kashio-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244 (JP). **UTSUNOMIYA, Tadashi** [JP/JP]; Bridgestone Corporation, Mat'l. Dev. Dept., Chem. & Ind. Prods. Div., 1 Kashio-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244 (JP).

(74) **HORNICKEL, John** et al. / etc.; Bridgestone/Firestone, Inc., I.P. Law Dept., 1200 Firestone Parkway, Akron, OH 44317 (US).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C08F 2/00, C08J 3/00, B29D 11/00**

(11) **WO 01/70823** (13) A1

(21) PCT/KR01/00445

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 2000-14204 **21 Mar/mar 2000** KR **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ROD TYPE POLYMER PREFORM HAVING RADIALLY-VARYING PROPERTIES, PROCESS FOR THE PREPARATION THEREOF AND APPARATUS THEREFOR
• PREFORME POLYMERE DU TYPE BARREAU, POSSEDANT DES PROPRIETES DE VARIATION RADIALE, PROCEDE DE PREPARATION DE CETTE PREFORME ET DISPOSITIF DESTINE A CET EFFET

(71) **OPTIMEDIA, INC.** [KR/KR]; #96, Sinmosan-dong, Anseong-si, Kyungki-do 456-390 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIM, In Bae** [KR/KR]; Samho Apt. 10-701, Bangbae-dong, Seocho-ku, Seoul 137-759 (KR).

(74) **JANG, Seong Ku** et al. / etc.; First Law Offices of Korea, 17th Fl., KEC Building, #275-7, Yangjae-dong, Seocho-ku, Seoul 137-130 (KR).

(81) AU CA CN JP RU US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C08F 2/00**

(11) **WO 01/70824** (13) A2

(21) PCT/US01/09076

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/532,234 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • STABLE INITIATOR SYSTEM
• AMORCEUR STABLE

(71) **JOHNSON & JOHNSON VISION CARE, INC.** [US/US]; 7500 Centurian Parkway, Suite 100, Jacksonville, FL 32256 (US).

(72) **VANDERLAAN, Douglas, G.**; 8114 Parkridge Circle South, Jacksonville, FL 32211 (US). **LOVE, Robert, N.**; 1748 El Camino Road, Apartment 3, Jacksonville, FL 32216 (US). **FORD, James, D.**; 515 Nassau Court, Orange Park, FL 32003 (US). **ALLI, Azaam**; 7816 Southside Blvd., Apartment 221, Jacksonville, FL 32256 (US). **WOOD, Joe, M.**; 1888 Edgewood Avenue South, Jacksonville, FL 32205 (US). **NUNEZ, Ivan, M.**; 5934 Bridlewood Drive SW, Roanoke, VA 24018 (US).

(74) **JOHNSON, Philip, S.** et al. / etc.; Johnson & Johnson, One Johnson and Johnson Plaza, New Brunswick, NJ 08933 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08F 2/18, 257/00, 112/08, 285/00**

(11) **WO 01/70825** (13) A1

(21) PCT/GB01/01278

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 0007005.2 **22 Mar/mar 2000** GB **(22.03.2000)**

(30) 0023070.6 **20 Sep/sep 2000** GB **(20.09.2000)**

(30) 0023673.7 **27 Sep/sep 2000** GB **(27.09.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS FOR THE PREPARATION OF FUNCTIONALISED POLYMER PARTICLES
• PROCEDE DE PREPARATION DE PARTICULES DE POLYMERE FONCTIONNALISE

(71) **DYNAL PARTICLES AS** [NO/NO]; Svelleveien 29, N-2001 Lillestrøm (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FONNUM, Geir** [NO/NO]; Asbjørnsensvei 40, N-1476 Rasta (NO). **WENG, Ellen** [NO/NO]; Østagløttveien 3, N-1415 Oppegård (NO). **AKSNES, Elin, Marie** [NO/NO]; Syrenveien 1, N-0870 Oslo (NO). **NORDAL, Rolf** [NO/NO]; Snekkerstuveien 32, N-2020 Skedsmokorset (NO). **MØRK, Preben, Cato** [NO/NO]; Selsbakk Øvre 42, N-7027 Trondheim (NO). **TØGERSEN, Svein** [NO/NO]; Støttumveien 1B, N-1170 Oslo (NO). **COCKBAIN, Julian** [GB/GB]; Flat 4, 83 Linden Gardens, London W2 4EU (GB).

(74) **COCKBAIN, Julian** et al. / etc.; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08F 2/18**

(11) **WO 01/70826** (13) A1

(21) PCT/JP01/02182

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ja (26) ja

(30) 2000-78423 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • RESIN PARTICLE AND PROCESS FOR PRODUCING THE SAME
• PARTICULE DE RESINE ET SON PROCEDE DE FABRICATION

(71) **SEKISUI PLASTICS CO., LTD.** [JP/JP]; 4-4, Nishitenma 2-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAKUMA, Itaru** [JP/JP]; 248-76, Miyagawa, Gamo-cho, Gamo-gun, Shiga 529-1551 (JP).

(74) **NOGAWA, Shintaro**; MINAMIMORI-MACHI PARK BLDG., 1-3, Nishitenma 5-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).

(81) JP KR NO US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)[7] **C08F 4/02, 4/69, 4/78**

(11) **WO 01/70827** (13) A1

(21) PCT/US01/08436

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,732 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 09/808,801 **15 Mar/mar 2001** US **(15.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS FOR MAKING MVTR RESIN
• PROCEDE DE FABRICATION D'UNE RESINE MVTR

(71) **CHEVRON PHILLIPS CHEMICAL COMPANY LP** [US/US]; Suite 3450, 1301 McKinney Road, Houston, TX 77010 (US).

(72) **BEACH, David, L.**; c/o Chevron Phillips Chemical Company LP, Suite 3450, 1301 McKinney Road, Houston, TX 77010 (US). **SCHEXNAYDER, Mary, A.**; c/o Chevron Phillips Chemical Company LP, Suite 3450, 1301 McKinney Road, Houston, TX 77010 (US). **MILLS, Charles, D.**; c/o Chevron Phillips Chemical Company LP, Suite 3450, 1301 McKinney Road, Houston, TX 77010 (US). **SOLIS, James, A.**; c/o Chevron Phillips Chemical Company LP, Suite 3450, 1301 McKinney Road, Houston, TX 77010 (US). **MORA, Javier, M.**; c/o Chevron Phillips Chemical Company LP, Suite 3450, 1301 McKinney Road, Houston, TX 77010 (US). **TAYLOR, Kevin, J.**; c/o Chevron Phillips Chemical Company LP, Suite 3450, 1301 McKinney Road, Houston, TX 77010 (US).

(74) **RICHARDS, John** et al. / etc.; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08F 4/24, 10/02**

(11) **WO 01/70828** (13) A1

(21) PCT/US01/08437

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,724 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 09/808,802 **15 Mar/mar 2001** US **(15.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • IMPROVED MVTR RESIN PRODUCED WITH POST-TITANATED CR/SI/TI CATALYST
• RESINE MVTR AMELIOREE OBTENUE AVEC UN CATALYSEUR CR/SI/TI SOUMIS A UNE POST-TITANATION

(71) **CHEVRON PHILLIPS CHEMICAL COMPANY LP** [US/US]; Suite 3450, 1301 McKinney Road, Houston, TX 77010 (US).

(72) **KELLUM, Gene, E.**; c/o Chevron Phillips Chemical Company LP, Suite 3450, 1301 McKinney Road, Houston, TX 77010 (US). **MILLS, Charles, D.**; c/o Chevron Phillips Chemical Company LP, Suite 3450, 1301 McKinney Road, Houston, TX 77010 (US). **TAYLOR, Kevin, J.**; c/o Chevron Phillips Chemical Company LP, Suite 3450, 1301 McKinney Road, Houston, TX 77010 (US). **SOLIS, James, A.**; c/o Chevron Phillips Chemical Company LP, Suite 3450, 1301 McKinney Road, Houston, TX 77010 (US).

(74) **RICHARDS, John**; Ladas & Parry, 26 West 61 Street, New York, NY 10023 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08F 8/00**

(11) **WO 01/70829** (13) A2

(21) PCT/NL01/00224

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 00201062.7 **23 Mar/mar 2000** EP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMPOUND COMPRISING A SUPRAMOLECULAR COMPLEX, METHOD OF PREPARATION AND USE THEREOF, AND PROCESS FOR PREPARING A GLUTAR IMIDE CONTAINING POLYMER
• COMPOSE COMPRENANT UN COMPLEXE SUPRAMOLECULAIRE, PROCEDE DE PREPARATION ET D'UTILISATION ASSOCIE ET PROCEDE DE PREPARATION D'UN POLYMERE CONTENANT DU GLUTARIMIDE

(71) **DSM N.V.** [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LOONTJENS, Jacobus, Antonius** [NL/NL]; Synagogeplantsoen 76, NL-6231 KK Meerssen (NL). **CLAUSWITZ, Kai-Uwe, Wolfram** [DE/DE]; Am Wingert 13, 63589 Linsengericht 2 (DE).

(74) **DEN HARTOG, Jeroen, Hendrikus, Joseph**; DSM Patents & Trademarks, P.O. Box 9, NL-6160 MA Geleen (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08F 8/00**

(11) **WO 01/70830** (13) A2

(21) PCT/US01/08345

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 09/527,166 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • POLYALKENYL SULFONATES
• SULFONATES DE POLYALCENYLE

(71) **CHEVRON ORONITE COMPANY LLC** [US/US]; 2613 Camino Ramon - 3rd Floor, San Ramon, CA 94583 (US).

(72) **HARRISON, James, J.**; 12 Stonehaven Court, Novato, CA 94947 (US). **CAMPBELL, Curtis, B.**; 118 Montego Drive, Hercules, CA 94547 (US).

(74) **STUMPF, Walter, L.** et al. / etc.; Chevron Corporation, Law Dept., 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08F 8/42, H01F 1/44, G01N 33/543**

(11) **WO 01/70831** (13) A1

(21) PCT/EP01/03061

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) de (26) de

(30) 100 13 995.7 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MAGNETIC, SILANISED POLYVINYLALCOHOL-BASEDCARRIER MATERIALS
• MATERIAUX SUPPORTS MAGNETIQUES ET SILANISES, A BASE D'ALCOOL POLYVINYLIQUE

(71) **CHEMAGEN BIOPOLYMER-TECHNOLOGIE AKTIENGESELLSCHAFT** [DE/DE]; Arnold-Sommerfeld-Ring 2, 52499 Baesweiler (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PARKER, W., Jeffrey** [CA/DE]; Königstrasse 62, 52064 Aachen (DE). **OSTER, Jürgen** [DE/DE]; Burckhardtstrasse

18, 52134 Herzogenrath (DE). **A BRASSARD, Lothar** [DE/DE]; Bachstrasse 58, 52066 Aachen (DE).

(74) **KUTZENBERGER, Helga** et al. / etc.; Kutzenberger & Wolff, Theodor-Heuss-Ring 23, 50668 Köln (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CO CU CZ DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08F 10/00**

(11) **WO 01/70832** (13) A2

(21) PCT/US01/08900

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,671 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TERMINAL OLEFIN FUNCTIONALIZED MACROMONOMERS
• MACROMONOMERES PRESENTANT LA FONCTION D'OLEFINE TERMINAL

(71) **FMC CORPORATION** [US/US]; 1735 Market Street, Philadelphia, PA 19103 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **QUIRK, Roderic, P.** [US/US]; 66 Southwood Road, Akron, OH 44313 (US). **SCHWINDEMAN, James, A.** [US/US]; 2582 Wallace Acres Lane, Lincolnton, NC 28092 (US). **LETCHFORD, Robert, J.** [US/US]; 146 Northshore Drive, Cherryville, NC 28021 (US). **ENGEL, John, F.** [US/US]; 5024 Samuel Pickney Drive, Belmont, NC 28012 (US).

(74) **PENDLETON, Melissa, B.** et al. / etc.; Alston & Bird LLP, Bank of America Plaza, Suite 4000, 101 South Tryon Street, Charlotte, NC 28280-4000 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08F 12/02**

(11) **WO 01/70833** (13) A1

(21) PCT/US01/03567

(22) **2 Feb/fév 2001 (02.02.2001)**

(25) en (26) en

(30) 60/191,630 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HYDROGENATED MONOVINYLIDENE AROMATIC POLYMER COMPOSITIONS
• COMPOSITIONS POLYMERIQUES AROMATIQUES DE MONOVINYLIDENE

(71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).

(72) **HAHN, Stephen, F.**; 4302 James Drive, Midland, MI 48642 (US). **MARRA, Jill, R.**; 5493 Magnus Road, Beaverton, MI 48612 (US).

(74) **ZETTLER, Lynn, M.**; The Dow Chemical Company, Intellectual Property, P.O. Box 1967, Midland, MI 48641-1967 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08F 14/00**

(11) **WO 01/70834** (13) A1

(21) PCT/US01/09532

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,506 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 09/693,366 **20 Oct/oct 2000** US **(20.10.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PEELABLE FOAM COATING COMPOSITION
• COMPOSITION DE REVETEMENT EN MOUSSE PELABLE

(71) **ASHLAND INC.** [US/US]; 3499 Blazer Parkway, Lexington, KY 40509 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ZHANG, Zhiqiang** [US/US]; 633 Poplar Springs Lane, Lexington, KY 40515 (US). **BAUMGART, Richard, J.** [US/US]; 3250 Houston Antioch Road, Paris, KY 40361 (US). **DITURO, Michael, A.** [US/US]; 4386 Green Valley Road, Huntington, WV 25701 (US). **LOCKWOOD, Frances, E.** [US/US]; 5326 Paris Pike, Georgetown, KY 40324 (US). **DOTSON, Daniel, J.** [US/US]; 4704 Carita Woods Way, Lexington, KY 40515 (US). **SU, Wen-Chen** [US/US]; 2613 Sungale Court, Lexington, KY 40513 (US).

(74) **CARRITHERS, David, W.**; Carrithers Law Office, One Paragon Centre, Suite 140, 6060 Dutchman's Lane, Louisville, KY 40205 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08F 36/00, 2/24, 2/22, 36/06**

(11) **WO 01/70835** (13) A1

(21) PCT/EP01/02850

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) de (26) de

(30) 100 13 733.4 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR PRODUCING CAOUTCHOUC PARTICLES
• PROCEDE DE FABRICATION DE PARTICULES DE CAOUTCHOUC

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GÜNTHERBERG, Norbert** [DE/DE]; Nachtigallenweg 44, 67346 Speyer (DE). **CZAUDERNA, Bernhard** [DE/DE]; Kapellenweg 34, 69493 Hirschberg (DE). **BREULMANN, Michael** [DE/DE]; Waldparkstrasse 37, 68163 Mannheim (DE). **OEPEN, Sabine** [DE/DE]; Robinienstrasse 12, 67158 Ellerstadt (DE). **DUIJZINGS, Wil** [NL/NL]; Müntstraat 8, NL-6121 JL Born (NL). **NIEßNER, Norbert** [DE/DE]; Im Haag 17, 67159 Friedelsheim (DE).

(74) **BASF AKTIENGESELLSCHAFT**; 67056 Ludwigshafen (DE).

(81) KR MX US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C08F 279/02**

(11) **WO 01/70836** (13) A1

(21) PCT/JP01/02049

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) ja (26) ja

(30) 2000-82354 **23 Mar/mar 2000** JP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS FOR PRODUCING GRAFT COPOLYMER LATEX
• PROCEDE DE PRODUCTION D'UN LATEX COPOLYMERIQUE GREFFE

(71) **KANEKA CORPORATION** [JP/JP]; 2-4, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-8288 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NODA, Mitsunaga** [JP/JP]; 172-3-202, Minamibingo, Kakogawa-cho, Kakogawa-shi, Hyogo 675-0033 (JP). **HASEGAWA, Mitsumasa** [JP/JP]; 48-10, Ankouji-cho 5-chome, Takatsuki-shi, Osaka 569-1029 (JP). **UENO, Masakuni** [JP/JP]; 2-63, Takasago-cho Okihama-cho, Takasago-shi, Hyogo 676-0026 (JP).

(74) **ASAHINA, Sohta** et al. / etc.; NS Building, 2-22, Tanimachi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0012 (JP).

(81) CN US.

(84) EP (BE).

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(51)[7] **C08F 290/06, 290/14, 283/12, G02B 1/04, C08F 230/08, A61L 27/00, C08L 43/04**

(11) **WO 01/70837** (13) A1

(21) PCT/US01/09072

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/533,062 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HYDROGEL WITH INTERNAL WETTING AGENT
• HYDROGEL CONTENANT UN AGENT MOUILLANT

(71) **JOHNSON & JOHNSON VISION CARE, INC.** [US/US]; 7500 Centurian Parkway, Suite 100, Jacksonville, FL 32256 (US).

(72) **TURNER, David, C.**; 12159 Travertine Trail, Jacksonville, FL 32223 (US). **MAIDEN, Annie, C.**; 1558 Hope Valley Drive, Jacksonville, FL 32221 (US). **VANDERLAAN, Douglas, G.**; 8114 Parkridge Circle South, Jacksonville, FL 32211 (US). **STEFFEN, Robert, B.**; 1158 Blue Heron Lane West, Jacksonville Beach, FL 32250 (US). **LOVE, Robert, N.**; 1748 El Camino Road, Apartment 3, Jacksonville, FL 32216 (US). **FORD, James, D.**; 515 Nassau Court, Orange Park, FL 32003 (US). **MOLOCK, Frank, F.**; 1543 Wildfern Drive, Orange Park, FL 32073 (US). **HILL, Gregory, A.**; 1918 Hickory Lane, Atlantic Beach, FL 32233 (US). **ALLI, Azaam**; 7816 Southside Blvd., Apartment 221, Jacksonville, FL 32256 (US). **MCCABE, Kevin, P.**; 10550-205 Baymeadows Road, Jacksonville, FL 32256 (US).

(74) **JOHNSON, Philip, S.** et al. / etc.; Johnson & Johnson, One Johnson and Johnson Plaza, New Brunswick, NJ 08933 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08G 18/00, 18/48, C08J 9/02, H04R 7/02 // C08L 75:04**

(11) **WO 01/70838** (13) A1

(21) PCT/JP01/01800

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) ja (26) ja

(30) 2000-76626 **17 Mar/mar 2000** JP **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FLEXIBLE POLYURETHANE FOAM
• MOUSSE SOUPLE DE POLYURETHANE

(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) **KATSUMATA, Yoshihiro** [JP/JP]; c/o Yokohama Plant Bridgestone Corporation, 1, Kashio-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0812 (JP).

(74) **SHIGENO, Tsuyoshi**; Nissin Bldg., 9th floor, 5-10, Shinjuku 2-chome, Shinjuku-ku, Tokyo 160-0022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08G 18/00**

(11) **WO 01/70839** (13) A2

(21) PCT/US01/09008

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/191,555 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LOW TEMPERATURE CURE MDI PREPOLYMERS
• PREPOLYMERES MDI DURCIS A BASSE TEMPERATURE

(71) **HUNTSMAN INTERNATIONAL LLC** [US/US]; 500 Huntsman Way, Salt Lake City, UT 84108 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JOHNSTON, Jay, A.** [US/US]; 44481 Bayview Avenue, A5315, Clinton Twp., MI 48038 (US).

(74) **BOLAND, Kevin, J.**; Huntsman Polyurethanes, 286 Mantua Grove Road, West Deptford, NJ 08066-1732 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08G 18/08, 18/46**

(11) **WO 01/70840** (13) A1

(21) PCT/US01/04730

(22) **14 Feb/fév 2001 (14.02.2001)**

(25) en (26) en

(30) 09/531,831 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DISPERSIBLE POLYURETHANES
• POLYURETHANNES DISPERSIBLES

(71) **CROMPTON CORPORATION** [US/US]; 199 Benson Road, Middlebury, CT 06749 (US).

(72) **CHANG, Wally, Liyuan**; 84 Windom Street, White Plains, NY 10607 (US).

(74) **REITENBACH, Daniel**; Crompton Corporation, 199 Benson Road, Middlebury, CT 06749 (US).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C08G 18/32, 18/10**

(11) **WO 01/70841** (13) A2

(21) PCT/US01/08943

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/528,837 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AROMATIC AMINE CURATIVES AND THEIR USE
• AGENTS DE DURCISSEMENT A BASE D'AMINES AROMATIQUES ET LEUR UTILISATION

(71) **ALBERMARLE CORPORATION** [US/US]; 451 Florida Street, Baton Rouge, LA 70801-1765 (US).

(72) **BROWN, William, R.**; 12113 Lake Sherwood Avenue South, Baton Rouge, LA 70816 (US). **PRINDLE, John, C., Jr.**; 2450 July Street, Baton Rouge, LA 70808 (US). **LAMBETH, Gregory, H.**; 18226 Creek Hollow Road, Baton Rouge, LA 70817 (US).

(74) **PIPPENGER, Philip, M.** et al. / etc.; Albemarle Corporation, Patent & Trademark Division, 451 Florida Street, Baton Rouge, LA 70801-1765 (US).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C08G 18/36, 18/32, C08J 9/00**

(11) **WO 01/70842** (13) A2

(21) PCT/US01/08888

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,642 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • POLYURETHANE FOAMS
• MOUSSES DE POLYURETHANNE

(71) **KT HOLDINGS, LLC** [US/US]; 2137E Flinstone Drive, Tucker, GA 30084 (US).

(72) **KATOOT, Mohammad, W.** (deceased / décédé).**KATOOT, Ahmed, M.**; 1011 Lulworth Lane, Lawrenceville, GA 30044 (US).

(74) **ARNOLD, Jeffrey, B.** et al. / etc.; Kilpatrick Stockton LLP, 2400 Monarch Tower, 3424 Peachtree Road, Atlanta, GA 30326 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08G 59/00**

(11) **WO 01/70843** (13) A2

(21) PCT/EP01/03246

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 2000-77492 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HIGH MOLECULAR WEIGHT EPOXY RESIN AND RESINOUS COMPOSITION FOR PRINTED CIRCUIT BOARD
• RESINE ÉPOXYDE DE POIDS MOLECULAIRE ELEVE ET COMPOSITION RESINEUSE POUR PLAQUETTES DE CI

(71) **RESOLUTION RESEARCH NEDERLAND B.V.** [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL).

(72) **FUKUZAWA, Takao**; 1, Shiohama-cho, Yokkaichi-city, Mie (JP). **HIRAI, Takayoshi**; 1, Shiohama-cho, Yokkaichi-city, Mie (JP). **IMURA, Tetsuso**; 1, Shiohama-cho, Yokkaichi-city, Mie (JP). **OHNUMA, Yoshinobu**; 1, Shiohama-cho, Yokkaichi-city, Mie (JP).

(74) **BARENDREGT, F.**; Exter Polak & Charlouis B.V., De Bruyn Kopsstraat 9F, NL-2288 EC Rijswijk (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08G 59/40, C08L 63/00, C08K 5/5353, H01L 23/29**

(11) **WO 01/70844** (13) A1

(21) PCT/JP01/02154

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ja (26) ja

(30) 2000-78987 **21 Mar/mar 2000** JP **(21.03.2000)**

(30) 2000-331189 **30 Oct/oct 2000** JP **(30.10.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FLAME-RETARDANT EPOXY RESIN COMPOSITION, MOLDED OBJECT THEREOF, AND ELECTRONIC PART
• COMPOSITION DE RESINE EPOXYDE IGNIFUGEANTE, OBJET MOULE PRODUIT A PARTIR DE CELLE-CI ET PIECE ELECTRONIQUE

(71) **OTSUKA KAGAKU KABUSHIKI KAISHA** [JP/JP]; 2-27, Otedori 3-chome, Chuo-ku, Osaka-shi, Osaka 540-0021 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TANIGUCHI, Masatoshi** [JP/JP]; c/o OTSUKA KAGAKU KABUSHIKI KAISHA, 2-27, Otedori 3-chome, Chuo-ku, Osaka-shi, Osaka 540-0021 (JP). **TADA, Yuji** [JP/JP]; c/o OTSUKA KAGAKU KABUSHIKI KAISHA, Tokushima Research Laboratories, 463, Kagasuno, Kawauchi-cho, Tokushima-shi, Tokushima 771-0193 (JP). **NISHIOKA, Yoichi** [JP/JP]; c/o OTSUKA KAGAKU KABUSHIKI KAISHA, Tokushima Research Laboratories, 463, Kagasuno, Kawauchi-cho, Tokushima-shi, Tokushima 771-0193 (JP).

(74) **FUJIMOTO, Noboru** et al. / etc.; Nagahori Community Bldg. 4F, 5-8, Minami-senba 2-chome, Chuoh-ku, Osaka-shi, Osaka 542-0081 (JP).

(81) CN ID IN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C08G 63/00**

(11) **WO 01/70845** (13) A2

(21) PCT/US01/05226

(22) **15 Feb/fév 2001 (15.02.2001)**

(25) en (26) en

(30) 09/531,807 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CATIONIC ALIPHATIC POLYESTER RESINS AND THEIR USE IN ELECTRODEPOSITION
• RESINES POLYESTER ALIPHATIQUES CATIONIQUES ET LEUR UTILISATION EN ELECTRODEPOSITION

(71) **PPG INDUSTRIES OHIO, INC.** [US/US]; 3800 West 143rd Street, Cleveland, OH 44111 (US).

(72) **ZAWACKY, Steven, R.**; 124 Old English Road, Pittsburgh, PA 15237 (US). **KOLLAH, Raphael, O.**; 762 Venango Avenue, Pittsburgh, PA 15209 (US). **WILSON, Craig, A.**; 4069 Tall Timber Drive, Allison Park, PA 15101 (US). **MCCOLLUM, Gregory, J.**; 5130 Bronwyn Court, Gibsonia, PA 15044 (US). **PEFFER, Robin, M.**; 422 Pine Drive, Valencia, PA 16059 (US). **WEBSTER, Geoffrey, R., Jr.**; 308 Banbury Crossing, Gibsonia, PA 15044 (US). **ESWARAKRISHNAN, Venkatachalam**; 1896 Caribou Drive, Allison Park, PA 15101 (US). **ANDERSON, Linda, K.**; 165 White Oak Drive, Pittsburgh, PA 15237 (US).

(74) **UHL, William, J.**; PPG Industries, Inc., One PPG Place, Pittsburgh, PA 15272 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08G 63/02, C08J 5/00, 5/18, C08L 67/00**

(11) **WO 01/70846** (13) A1

(21) PCT/JP01/02212

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-80020 **22 Mar/mar 2000** JP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • IMPACT MODIFIER AND POLYESTER COMPOSITION CONTAINING THE MODIFIER
• ANTICHOC ET COMPOSITION POLYESTER CONTENANT LEDIT ANTICHOC

(71) **DAINIPPON INK AND CHEMICALS, INC.** [JP/JP]; 35-58, Sakashita 3-chome, Itabashi-ku, Tokyo 174-8520 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARIGA, Toshirou** [JP/JP]; 3-5-1-204, Osakidai, Sakura-shi, Chiba 285-0817 (JP). **TAKAHASHI, Katsuji** [JP/JP]; 5-21-2, Someino, Sakura-shi, Chiba 285-0831 (JP). **KAMIKURA, Masao** [JP/JP]; 677-43, Ojamachi, Sakura-shi, Chiba 285-0043 (JP). **IMAMURA, Shouji** [JP/JP]; 2-15-13, Osakidai, Sakura-shi, Chiba 285-0817 (JP). **MIHARA, Takashi** [JP/JP]; 1-27-1-B-308, Osakidai, Sakura-shi, Chiba 285-0817 (JP).

(74) **SHIGA, Masatake** et al. / etc.; OR Bldg., 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C08G 63/64, G11B 7/24**

(11) **WO 01/70847** (13) A1

(21) PCT/EP01/02728

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) de (26) de

(30) 100 14 372.5 **23 Mar/mar 2000** DE **(23.03.2000)**

(30) 100 45 587.5 **15 Sep/sep 2000** DE **(15.09.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • POLYESTER CARBONATE AND A DATA CARRIER THEREFROM
• POLYESTERCARBONATE ET SUPPORT DE DONNEES EN POLYESTERCARBONATE

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRUDER, Friedrich-Karl** [DE/DE]; Bodelschwinghstr. 20, 47800 Krefeld (DE). **HAESE, Wilfried** [DE/DE]; Osenauer Str. 32, 51519 Odenthal (DE). **WEHRMANN, Rolf** [DE/DE]; Scheiblerstr. 101, 47800 Krefeld (DE). **FISCHER, Peter** [DE/DE]; Mühlenbach 28, 50676 Köln (DE). **ROELOFS, Marco** [DE/DE]; Kimplerstr. 13, 47807 Krefeld (DE). **KRATSCHMER, Silke** [DE/DE]; Augustastr. 19, 47829 Krefeld (DE).

(74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08G 63/688, 63/78**

(11) **WO 01/70848** (13) A1

(21) PCT/JP01/01102

(22) **15 Feb/fév 2001 (15.02.2001)**

(25) ja (26) ja

(30) 2000-83791 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MODIFIED POLYESTER AND PROCESS FOR CONTINUOUSLY PRODUCING THE SAME
• POLYESTER MODIFIE ET PROCEDE DE FABRICATION EN CONTINU D'UN TEL POLYESTER

(71) **KANEBO, LIMITED** [JP/JP]; 17-4, Sumida 5-chome, Sumida-ku, Tokyo 131-0031 (JP). **KANEBO GOHSEN LIMITED** [JP/JP]; 2-2, Umeda 1-chome, Kita-ku, Osaka-shi, Osaka 530-0001 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KATSUMA, Keita** [JP/JP]; 17-5-B-201, Mizuochi-cho 4-chome, Sabae-shi, Fukui 916-0022 (JP). **WATANABE, Takahiko** [JP/JP]; 19-4-2, Akatani, Imadate-cho, Imadate-gun, Fukui 915-0214 (JP). **YOSHIDA, Shinji** [JP/JP]; 2-9-7, Hisaka-cho, Takefu-shi, Fukui 915-0892 (JP). **SAKAI, Masahiro** [JP/JP]; 17-5-D-303, Mizuochi-cho 4-chome, Sabae-shi, Fukui 916-0022 (JP). **TAKADA, Shingo** [JP/JP]; 68-69, Shimokohbata-cho, Sabae-shi, Fukui 916-0038 (JP).

(74) **YAGI, Toshiyasu**; c/o Kanebo, Limited, Intellectual Property Center, 20-20, Kaigan 3-chome, Minato-ku, Tokyo 108-8080 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08G 64/06, 64/30, G11B 7/0037, C08J 5/00**

(11) **WO 01/70849** (13) A1

(21) PCT/JP00/06516

(22) **22 Sep/sep 2000 (22.09.2000)**

(25) ja (26) ja

(30) 2000-80071 **22 Mar/mar 2000** JP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • POLYCARBONATE, PROCESS FOR PRODUCING THE SAME, AND MOLDED ARTICLE THEREOF
• POLYCARBONATE, SON PROCEDE DE PRODUCTION ET OBJET MOULE DANS CE POLYCARBONATE

(71) **TEIJIN LIMITED** [JP/JP]; 6-7, Minamihommachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0054 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAGEYAMA, Yuichi** [JP/JP]; Teijin Limited, Iwakuni Research Center, 2-1, Hinodecho, Iwakuni-shi, Yamaguchi 740-0014 (JP). **KANEKO, Hiroaki** [JP/JP]; Teijin Limited, Iwakuni Research Center, 2-1, Hinodecho, Iwakuni-shi, Yamaguchi 740-0014 (JP). **FUNAKOSHI, Wataru** [JP/JP]; Teijin Limited, Iwakuni Research Center, 2-1, Hinodecho, Iwakuni-shi, Yamaguchi 740-0014 (JP). **SASAKI, Katsushi** [JP/JP]; Teijin Limited, Iwakuni Research Center, 2-1, Hinodecho, Iwakuni-shi, Yamaguchi 740-0014 (JP).

(74) **OHSHIMA, Masataka**; Ohshima Patent Office, Fukuya Bldg., 3, Yotsuya 4-chome, Shinjuku-ku, Tokyo 160-0004 (JP).

(81) CN KR SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **C08G 64/40, B29B 13/06**

(11) **WO 01/70850** (13) A1

(21) PCT/EP01/02683

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) de (26) de

(30) 100 14 030.0 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR IMPROVING THE ADHESION STABILITY OF THE SURFACE OF MOULDED PARTS CONSISTING OF SYNTHETIC MATERIAL
• PROCEDE PERMETTANT D'AMELIORER LA STABILITE D'ADHESION DE LA SURFACE DE PIECES MOULEES EN MATIERE PLASTIQUE

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **REIHS, Karsten** [DE/DE]; Leyboldstrasse 58, 50968 Köln (DE). **VOETZ, Matthias** [DE/DE]; Piusstrasse 62, 50823 Köln (DE). **FUCHS, Harald** [DE/DE]; Lerchenhain 41, 48301 Nottuln (DE). **SEIDEL, Christian** [DE/DE]; Könemannstrasse 4, 48161 Münster (DE). **SCHÄFER, Marcus** [DE/DE]; Ludwigstrasse 3, 48153 Münster (DE). **KOPF, Heiko** [DE/DE]; Zum Brondal 9, 48341 Münster (DE).

(74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08G 73/00, 73/02, C08K 5/56**

(11) **WO 01/70851** (13) A1

(21) PCT/KR01/00128

(22) **31 Jan/jan 2001 (31.01.2001)**

(25) en (26) en

(30) 2000/15030 **24 Mar/mar 2000** KR **(24.03.2000)**

(30) 2000/46606 **11 Aug/août 2000** KR **(11.08.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A METHOD FOR FORMING MOLECULAR LAYERS HAVING HIGH DENSITY OF PRIMARY AMINE GROUP ON SOLID SUPPORTS
• PROCEDE POUR FORMER DES COUCHES MOLECULAIRES PRESENTANT UN GROUPE AMINE PRIMAIRE DE FORTE DENSITE SUR DES SUPPORTS SOLIDES

(71) **POHANG UNIVERSITY OF SCIENCE AND TECHNOLOGY** [KR/KR]; San 31, Hyoja-dong, Nam-ku, Kyungsangbuk-do, Pohang-city 790-784 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PARK, Joon-Won** [KR/KR]; Kyosu Apt. 8-1301, Jigok-dong, Nam-ku, Kyungsangbuk-do, Pohang-city 790-390 (KR). **KIM, Hong-Jin** [KR/KR]; Hyundai Apt. 105-303, Yongwon-dong 1206, Kyungsangnam-do, Jinhae-city 645-510 (KR).

(74) **KIM, Seong-Ki**; 9th Teheran Bd., 825-33, Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08G 75/02**

(11) **WO 01/70852** (13) A1

(21) PCT/JP01/02225

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-81104 **23 Mar/mar 2000** JP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS FOR THE PURIFICATION OF POLYARYLENE SULFIDE
• PROCEDE DE PURIFICATION DE SULFURE DE POLYARYLENE

(71) **IDEMITSU PETROCHEMICAL CO., LTD.** [JP/JP]; 6-1, Yokoami 1-chome, Sumida-ku, Tokyo 130-0015 (JP). **PETROLEUM ENERGY CENTER (PEC)** [JP/JP]; 3-9, Toranomon 4-chome, Minato-ku, Tokyo 105-0001 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BANDO, Toru** [JP/JP]; 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107 (JP).

(74) **KATAOKA, Makoto**; c/o Idemitsu Kosan Co., Ltd., Intellectual Property Center, 24-4, Anesakikaigan, Ichihara-shi, Chiba 299-0107 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C08G 75/08**

(11) **WO 01/70853** (13) A2

(21) PCT/US01/08762

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/190,634 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 09/794,026 **28 Feb/fév 2001** US **(28.02.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF PREPARING A POLYMERIZATE
• PROCEDE DE PREPARATION D'UN POLYMERISAT

(71) **PPG INDUSTRIES OHIO, INC.** [US/US]; 3800 West 143rd Street, Cleveland, OH 44111 (US).

(72) **OKOROAFOR, Michael, O.**; 274 Jefferson Street, Export, PA 15632 (US). **HEROLD, Robert, D.**; 218 Leaside Drive, Monroeville, PA 15146 (US). **GRAHAM, Marvin, J.**; Aparment 204, 1400 Belmont Boulevard, Monroeville, PA 15146 (US). **SMITH, Robert, A.**; 3517 McElroy Drive, Murrysville, PA 15668 (US). **FRANKS, James, R.**; 1048 Woodhill Drive, Gibsonia, PA 15044 (US).

(74) **MARMO, Carol, A.**; PPG Industries, Inc., One PPG Place, Pittsburgh, PA 15272 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08J 5/00, F16J 15/16, B29C 43/52 // C08L 27:18, B29K 27:18**

(11) **WO 01/70854** (13) A1

(21) PCT/JP01/02222

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-84832 **24 Mar/mar 2000** JP **(24.03.2000)**

(30) 2000-184811 **20 Jun/juin 2000** JP **(20.06.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SEAL RING
• ANNEAU D'ETANCHEITE

(71) **DAIKIN INDUSTRIES, LTD.** [JP/JP]; Umeda Center Building, 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YANAGIGUCHI, Tomihiko** [JP/JP]; c/o Yodogawa-seisakusho, DAIKIN INDUSTRIES, LTD., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **SUKEGAWA, Masamichi** [JP/JP]; c/o Yodogawa-seisakusho, DAIKIN INDUSTRIES, LTD., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **ASANO, Michio** [JP/JP]; c/o Yodogawa-seisakusho, DAIKIN INDUSTRIES, LTD., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP).

(74) **ASAHINA, Sohta** et al. / etc.; NS Building, 2-22, Tanimachi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0012 (JP).

(81) CN IN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C08J 5/04, 5/24, D06M 15/256 // C08L 27:18**

(11) **WO 01/70855** (13) A1

(21) PCT/DE00/00833

(22) **20 Mar/mar 2000 (20.03.2000)**

(25) de (26) de

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR PRODUCING FIBER PREPREGS
• PROCEDE DE PRODUCTION DE PREIMPREGNES DE FIBRES

(71) **P-D TEC FIL GMBH TECHNISCHE FILAMENTE** [DE/DE]; Wellerswalder Weg 17, 04758 Oschatz (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRENKEN, Johannes** [DE/DE]; Röderbachstrasse 25 a, 52080 Aachen (DE). **RECTOR, Horst-Dieter** [DE/DE]; Brunnenstrasse 70, 52441 Linnich (DE).

(74) **KÖNIG & KOLLEGEN**; Habsburgerallee 23-25, D-52064 Aachen (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08J 5/18, C08L 23/00, C08K 5/3477, G02B 5/22 // C08L 23:00**

(11) **WO 01/70856** (13) A1

(21) PCT/JP01/02254

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) ja (26) ja

(30) 2000-84170 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ULTRAVIOLET-SHIELDING SHEET AND BAG MADE THEREOF
• FEUILLE DE PROTECTION CONTRE LES RAYONNEMENTS ULTRAVIOLETS ET SAC FABRIQUE AVEC CETTE FEUILLE

(71) **IDEMITSU PETROCHEMICAL CO., LTD.** [JP/JP]; 6-1, Yokoami 1-chome, Sumida-ku, Tokyo 130-0015 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAGAO, Tomohiro** [JP/JP]; 1660, Kamiizumi, Sodegaura-shi, Chiba 299-0205 (JP).

(74) **KINOSHITA, Jitsuzo** et al. / etc.; 3rd. floor, Ogikubo TM building, 26-13, Ogikubo 5-chome, Suginami-ku, Tokyo 167-0051 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)[7] **C08J 5/22**

(11) **WO 01/70857** (13) A2

(21) PCT/GB01/01232

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0006880.9 **22 Mar/mar 2000** GB **(22.03.2000)**

(30) 0031208.2 **21 Dec/déc 2000** GB **(21.12.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ION-EXCHANGE MATERIALS
• MATIERES D'ECHANGE IONIQUE

(71) **VICTREX MANUFACTURING LIMITED** [GB/GB]; Victrex Technology Centre, Hillhouse International, P.O. Box 4, Thornton Cleveleys, Lancashire FY5 4QD (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRIDGES, Richard, Frank** [GB/GB]; 23 Heaton Close, Poulton Le Fylde, Lancashire FY6 7TY (GB). **CHARNOCK, Peter** [GB/GB]; 7 Elvaston Road, Carleton, Poulton Le Fylde, Lancashire FY6 7TH (GB). **KEMMISH, David, John** [GB/GB]; 10 Whittle Green, Woodplumpton, Preston, Lancashire PR4 0WG (GB). **WILSON, Brian** [GB/GB]; 1 White Lea, Cabus, Garstang, Lancashire PR3 1JG (GB).

(74) **BRIERLEY, Anthony, Paul** et al. / etc.; Appleyard Lees, 15 Clare Road, Halifax HX1 2HY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08J 5/22**

(11) **WO 01/70858** (13) A2

(21) PCT/GB01/01243

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0006883.3 **22 Mar/mar 2000** GB **(22.03.2000)**

(30) 0031209.0 **21 Dec/déc 2000** GB **(21.12.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMPOSITE ION EXCHANGE MATERIAL
• MATERIAU D'ECHANGE D'IONS COMPOSITE

(71) **VICTREX MANUFACTURING LIMITED** [GB/GB]; Victrex Technology Centre, Hillhouse International, P.O. Box 4, Thornton Cleveleys, Lancashire FY5 4QD (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHARNOCK, Peter** [GB/GB]; 7 Elvaston Road, Carleton, Poulton-Le-Fylde, Lancashire FY6 7TH (GB). **WILSON, Brian** [GB/GB]; 1 White Lea, Cabus, Garstang, Lancashire PR3 1JG (GB). **BRIDGES, Richard, Frank** [GB/GB]; 23 Heaton Close, Poulton-le-Fylde, Lancashire FY6 7TY (GB).

(74) **BRIERLEY, Anthony, Paul** et al. / etc.; Appleyard Lees, 15 Clare Road, Halifax HX1 2HY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08J 9/00**

(11) **WO 01/70859** (13) A2

(21) PCT/US01/04594

(22) **13 Feb/fév 2001 (13.02.2001)**

(25) en (26) en

(30) 60/190,717 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PREPARATION OF A MACROCELLULAR ACOUSTIC FOAM
• PREPARATION D'UNE MOUSSE ACOUSTIQUE MACROCELLULAIRE

(71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUBRAMONIAN, Suresh** [US/US]; 3105 Highbrook Drive, Midland, MI 48642 (US). **GILG, Sandrine** [FR/FR]; 8, rue des Ormes, F-67540 Ostwald (FR). **PARK, Chung, P.** [US/DE]; Schulstrasse 10a, 76532 Baden-Baden (DE).

(74) **HOWARD, Dan, R.**; The Dow Chemical Company, Intellectual Property, P.O. Box 1967, Midland, MI 48641-1967 (US).

(81) AU BR CA CN CZ HU IL IN JP KR MX NO RU US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C08J 9/00**

(11) **WO 01/70860** (13) A2

(21) PCT/US01/04666

(22) **13 Feb/fév 2001 (13.02.2001)**

(25) en (26) en

(30) 60/190,714 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 60/202,364 **5 May/mai 2000** US **(05.05.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MACROCELLULAR POLYOLEFIN FOAM HAVING A HIGH SERVICE TEMPERATURE FOR ACOUSTICAL APPLICATIONS
• MOUSSE DE POLYOLEFINE MACROCELLULAIRE PRESENTANT UNE TEMPERATURE DE SERVICE ELEVEE POUR APPLICATIONS ACOUSTIQUES

(71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PARK, Chung, P.** [US/DE]; Schulstrasse 10a, 76532 Baden-Baden (DE). **GILG, Sandrine** [FR/FR]; 8, rue des Ormes, F-67540 Ostwald (FR). **SUBRAMONIAN, Suresh** [US/US]; 3105 Highbrook Drive, Midland, MI 48642 (US).

(74) **HOWARD, Dan, R.**; The Dow Chemical Company, Intellectual Property, P.O. Box 1967, Midland, MI 48641-1967 (US).

(81) AU BR CA CN CZ HU IL IN JP KR MX NO RU US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C08J 9/00**

(11) **WO 01/70861** (13) A2

(21) PCT/US01/07664

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) en (26) en

(30) 60/190,720 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • POLYOLEFIN FOAM USEFUL FOR SOUND AND THERMAL INSULATION
• MOUSSE DE POLYOLEFINE CONVENANT BIEN POUR L'ISOLATION SONIQUE ET THERMIQUE

(71) **THE DOW CHEMICAL COMPANY** [US/US]; 2020 Dow Center, Midland, MI 48674 (US).

(72) **PARK, Chung, P.**; Schulstrasse 10a, 76532 Baden-Baden (DE). **BRUCKER, Michel, J.**; 41, rue du Lieutenant Bettignies, F-67840 Kilstett (FR). **ESCHENLAUER, Georges**; 9, rue Belle Vue, F-67620 Soufflenheim (FR). **SCHALLER, Michael, E.**; 4401 Moorland Drive, Midland, MI 48640 (US). **KOENIG, Jean-Francois**; Mittelstrasse 20, 77836 Rheinmuenster (DE).

(74) **HOWARD, Dan, R.**; The Dow Chemical Company, Intellectual Property, P.O. Box 1967, Midland, MI 48641-1967 (US).

(81) AU BR CA CN CZ HU IL IN JP KR MX NO RU TR ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C08J 9/08 // C08L 27:06**

(11) **WO 01/70862** (13) A1

(21) PCT/JP01/02050

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) ja (26) ja

(30) 2000-78448 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FOAMABLE VINYL CHLORIDE RESIN COMPOSITION
• COMPOSITION DE RESINE DE CHLORURE DE VINYLE MOUSSABLE

(71) **KANEKA CORPORATION** [JP/JP]; 2-4, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-8288 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUNAGAWA, Takenobu** [JP/JP]; 10-9, Nakasuji 2-chome, Takasago-shi, Hyogo 676-0812 (JP). **SATO, Mitsutaka** [JP/JP]; 6-31-17, Shioya-cho, Tarumi-ku, Kobe-shi, Hyogo 655-0872 (JP). **SAKASHITA, Noriko** [JP/JP]; 3-26-301, Nishiakashikitamachi 3-chome, Akashi-shi, Hyogo 673-0018 (JP). **KADOKURA, Mamoru** [JP/JP]; 4-2-31, Takasago-cho Okihama-cho, Takasago-shi, Hyogo 676-0026 (JP).

(74) **ASAHINA, Sohta** et al. / etc.; NS Building, 2-22, Tanimachi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0012 (JP).

(81) AU BR CA CN KR MX SG US.

(84) EP (BE DE ES FR GB IT NL).

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(51)[7] **C08J 9/14**

(11) **WO 01/70863** (13) A1

(21) PCT/US00/06900

(22) **16 Mar/mar 2000 (16.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AZEOTROPE-LIKE COMPOSITIONS OF PENTAFLUOROPROPANE AND WATER
• COMPOSITIONS DE TYPE AZEOTROPE DE PENTAFLUOROPROPANE ET D'EAU

(71) **ALLIEDSIGNAL INC.** [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) **BEMENT, Leslie, Bruce**; 66 Riverview Place, Buffalo, NY 14210 (US). **UHRICH, Kevin, Donald**; 2610 Peters Corners Road, Alden, NY 14004 (US). **WILLIAMS, David, John**; 6202 Shamrock Lane, East Amherst, NY 14051 (US). **RIEGAL, Ronald**; 46 Electric Avenue, Buffalo, NY 14206 (US). **TUNG, Hsueh, Sung**; 16 Vasser Drive, Getzville, NY 14068 (US). **SINGH, Rajiv, Ratna**; 18 Foxfire Drive, Getzville, NY 14068 (US). **PHAM, Hang, Thanh**; 96 Sundridge Drive, Apt. 1, Amherst, NY 14228 (US). **LOGSDON, Peter, Brian**; 38 East Royal Hill Drive, Orchard Park, NY 14127 (US). **CARSON, Clayton, Herbert**; 9000 County Road, Clarence Center, NY 14032 (US). **BOGDAN, Mary, Charlotte**; 101 Electric Avenue, West Seneca, NY 14206 (US).

(74) **CRISS, Roger, H.** et al. / etc.; AlliedSignal Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08J 9/14 // C08L 74:04**

(11) **WO 01/70864** (13) A1

(21) PCT/US00/07121

(22) **16 Mar/mar 2000 (16.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AZEOTROPE-LIKE COMPOSITIONS OF PENTAFLUOROPROPANE, HYDROCARBONS AND WATER
• COMPOSITIONS DE TYPE AZEOTROPE A BASE DE PENTAFLUOROPROPANE, D'HYDROCARBURE ET D'EAU

(71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) **BEMENT, Leslie, Bruce**; 66 Riverview Place, Buffalo, NY 14210 (US). **UHRICH, Kevin, Donald**; 2610 Peters Corners Road, Alden, NY 14004 (US). **WILLIAMS, David, John**; 6202 Shamrock Lane, East Amherst, NY 14051 (US). **RIEGAL, Ronald**; 46 Electric Avenue, Buffalo, NY 14206 (US). **PHAM, Hang, Thanh**; Apartment 1, 96 Sundridge Drive, Amherst, NY 14228 (US). **LOGSDON, Peter, Brian**; 38 East Royal Hill Drive, Orchard Park, NY 14127 (US). **BOGDAN, Mary, Charlotte**; 101 Electric Avenue, West Seneca, NY 14206 (US).

(74) **CRISS, Roger, H.** et al. / etc.; AlliedSignal Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08J 11/08 // C08L 27:06**

(11) **WO 01/70865** (13) A1

(21) PCT/EP01/03019

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) fr (26) fr

(30) 00/03754 **23 Mar/mar 2000** FR **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR RECYCLING A PLASTIC MATERIAL
• PROCEDE DE RECYCLAGE D'UNE MATIERE PLASTIQUE

(71) **SOLVAY (SOCIETE ANONYME)** [BE/BE]; 33, rue du Prince Albert, B-1050 Bruxelles (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VANDENHENDE, Bernard** [BE/BE]; 97, Esptweg, B-2811 Leest (BE). **DUMONT, Jean-Philippe** [BE/BE]; 319/6, avenue des Croix de Guerre, B-1120 Bruxelles (BE).

(74) **DUFRASNE, Eugène** et al. / etc.; Dépt. de la Propriété Intellectuelle, 310, rue de Ransbeek, B-1120 Bruxelles (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08K**

(11) **WO 01/70866** (13) A2

(21) PCT/US01/09290

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,427 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CARBON BLACK COUPLER
• COUPLEUR A NOIR DE CARBONE

(71) **THE LUBRIZOL CORPORATION** [US/US]; Patent Dept.-022B, 29400 Lakeland Blvd., Wickliffe, OH 44092-2298 (US). **AMERIPOL SYNPOL CORPORATION** [US/US]; P.O. Box 667, 1215 Main Street, Port Neches, TX 77651 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BURRINGTON, James, D.** [US/US]; 6858 Bramblewood Lane, Mayfield Village, OH 44143 (US). **RICHARDSON, Benny, R.** [US/US]; 221 Cimarron Trail, Borger, TX 79007 (US). **PIALET, Joseph, W.** [US/US]; 26151 Lakeshore Boulevard, Apartment #506, Euclid, OH 44132 (US). **WYKOFF, Ann, E.** [US/US]; 8638 Lynwood Lane, Port Arthur, TX 77642 (US). **SOWERBY, Roger, L.** [US/US]; 8301 Tewksbury Lane, Concord Township, OH 44077 (US). **LEE, Kenneth, W.** [US/US]; 221 Concord Street, Borger, TX 79007 (US). **KORNBREKKE, Ralph, E.** [US/US]; 8340 Tulip Lane, Chagrin Falls, OH 55023 (US). **GHEBREMESKEL, Ghebrehiwet, N.** [US/US]; 6250 Ivanhoe Lane, #239, Beaumont, TX 77706 (US). **DAVIS, Kirk, E.** [US/US]; 12912 S. Woodside Drive, Chesterland, OH 44026 (US).

(74) **LAFERTY, Samuel, B.**; The Lubrizol Corporation, Patent Dept.-022B, 29400 Lakeland Boulevard, Wickliffe, OH 44092-2298 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C08K 3/00**

(11) **WO 01/70867** (13) A2

(21) PCT/US01/09311

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/532,423 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FLAME RETARDANT MOLDING COMPOSITIONS
• COMPOSITIONS DE MOULAGE IGNIFUGES

(71) **LOCTITE CORPORATION** [US/US]; 1001 Trout Brook Crossing, Rocky Hill, CT 06067 (US).

(72) **GALLO, Anthony, A.**; 1621 Gemini Drive, Olean, NY 14760 (US).

(74) **MILES, Kirk, M.** et al. / etc.; Webb Ziesenheim Logsdon Orkin & Hanson, P.C., 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PA 15219-1818 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08K 5/00, 5/3445, 5/49, 5/13, 5/54, 5/3435**

(11) **WO 01/70868** (13) A1

(21) PCT/EP01/03368

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) MI2000A000626 **24 Mar/mar 2000** IT **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • STABLILIZING MIXTURES FOR ORGANIC POLYMERS
• MELANGES STABILISATEURS POUR POLYMERES ORGANIQUES

(71) **GREAT LAKES CHEMICAL (EUROPE) GMBH** [CH/CH]; Bahnhofplatz 65, CH-8500 Frauenfeld (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GIRELLI, Daniele** [IT/IT]; Via d'Ovidio 3, I-20131 Milan (IT). **BROUSSARD, Fabio** [IT/IT]; Piazza Vittorio Veneto, 4, I-24060 Brusaporto (IT). **MALATESTA, Vincenzo** [IT/IT]; Via Repubblica, 21, I-20090 San Maurizio al Lambro (IT).

(74) **DE GREGORI, Antonella** et al. / etc.; Ing. Barzano' & Zanardo Milano S.p.A., Via Borgonuovo, 10, I-20121 Milan (IT).

(81) CA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C08K 5/00**

(11) **WO 01/70869** (13) A2

(21) PCT/US01/09002

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/528,675 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • STERICALLY HINDERED PHENOL ANTIOXIDANT GRANULES HAVING BALANCED HARDNESS
• GRANULES ANTIOXYDANTES A PHENOL A ENCOMBREMENT STERIQUE, AYANT UNE DURETE EQUILIBREE

(63) US 09/528,675 (CIP)
20 Mar/mar 2000 (20.03.2000)

(71) **ALBEMARLE CORPORATION** [US/US]; 451 Florida Street, Baton Rouge, LA 70801-1765 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SEMEN, John** [US/US]; 8643 Shorelane Drive, Baton Rouge, LA 70809 (US).

(74) **PIPPENGER, Philip, M.** et al. / etc.; Albemarle Corporation, Patent & Trademark Division, 451 Florida Street, Baton Rouge, LA 70801-1765 (US).

(81) CA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C08K 5/00**

(11) **WO 01/70870** (13) A2

(21) PCT/US01/09156

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/191,054 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PYRIMIDINE DERIVATIVES AS HARDNESS STABILIZERS
• DERIVES DE PYRIMIDINE COMME STABILISANTS DE DURETE

(71) **FLEXSYS AMERICA L.P.** [US/US]; 260 Springside Drive, Akron, OH 44333-2433 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LIN, Horng-Jau** [US/US]; 413 Tulip Trail, Wadsworth, OH 44281 (US). **DATTA, Rabindra, Nath** [NL/NL]; De Hjarmansenk 75, NL-7433 HL Schalkhaar (NL). **MAENDER, Otto, William** [US/US]; 833 Old Spring Road, Copley, OH 44321 (US).

(74) **MORRIS, Louis, A.**; Akzo Nobel Inc., Intellectual Property Dept., 7 Livingstone Avenue, Dobbs Ferry, NY 10522-3408 (US).

(81) AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IN IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TT UA UG US UZ VN.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08K 5/12, C08L 27/06**

(11) **WO 01/70871** (13) A1

(21) PCT/US00/07305

(22) **20 Mar/mar 2000 (20.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PLASTICIZED POLYVINYL CHLORIDE COMPOUND
• COMPOSE DE POLY(CHLORURE DE VINYLE) PLASTIFIE

(71) **UNITEX CHEMICAL CORPORATION** [US/US]; 520 Broome Road, Greensboro, NC 27406 (US).

(72) **DAY, James**; 714 South Main Street, Winston-salem, NC 27101 (US).

(74) **BERDO, Robert** et al. / etc.; Roylance, Abrams, Berdo & Goodman, L.L.P., 1300 19th Street, N.W., Suite 600, Washington, DC 20036 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08K 5/20, C08L 23/04**

(11) **WO 01/70872** (13) A1

(21) PCT/EP01/02968

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) fr (26) fr

(30) 00201031.2 **22 Mar/mar 2000** EP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • POLYETHYLENE COMPOSITION AND METHOD FOR MAKING SHAPED OBJECTS FROM SAME
• COMPOSITION A BASE DE POLYETHYLENE ET PROCEDE DE FABRICATION D'OBJETS FACONNES A PARTIR DE CETTE COMPOSITION

(71) **SOLVAY POLYOLEFINS EUROPE - BELGIUM (SOCIÉTÉ ANONYME)**

[BE/BE]; 44, rue du Prince Albert, B-1050 Bruxelles (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VANDEN BERGHE, Pascal** [BE/BE]; 6, rue Joseph Mathieu, B-1300 LIMAL (BE). **PLUME, Denis** [BE/BE]; 30, avenue J. Sibelius, bte 18, B-1070 BRUXELLES (BE).

(74) **DESTRYKER, Elise** et al. / etc.; Solvay Polyolefins Europe - Belgium (Société Anonyme), Département de la Propriété Industrielle, 310, rue de Ransbeek, B-1120 Bruxelles (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08L**

(11) **WO 01/70873** (13) A2

(21) PCT/US01/09083

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,340 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NANOCYLINDER ARRAYS
• MATRICES DE CYLINDRES NANOMETRIQUES

(63) US 60/191,340 (CON) 22 Mar/mar 2000 (22.03.2000)

(71) **UNIVERSITY OF MASSACHUSETTS** [US/US]; One Beacon Street, 26th Floor, Boston, MA 02108 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TUOMINEN, Mark** [US/US]; 54 Montague Road, Shutesbury, MA 01072 (US). **SCHOTTER, Joerg** [—/US]; 143 Northampton Road, Amherst, MA 01002 (US). **THURN-ALBRECHT, Thomas** [DE/DE]; Staudinger Strasse 6, 79115 Freiburg (DE). **RUSSELL, Thomas, P.** [US/US]; 496 South East Street, Amherst, MA 01002 (US).

(74) **FASSE, J., Peter**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08L 9/02, D06M 13/438, 15/248, G10K 11/162, E04B 1/86**

(11) **WO 01/70874** (13) A1

(21) PCT/JP00/01842

(22) **24 Mar/mar 2000 (24.03.2000)**

(25) ja (26) ja

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HIGHLY SOUND-ABSORBING FIBROUS SHEET
• FEUILLE FIBREUSE A GRANDE CAPACITE D'ABSORPTION PHONIQUE

(71) **SHISHIAI-KABUSHIKIGAISHA** [JP/JP]; 12 Shin-hazama, Seki-shi, Gifu 501-3923 (JP).

(72) **HORI, Mitsuo**; Shishiai-Kabushikigaisha, 12, Shin-hazama, Seki-shi, Gifu 501-3923 (JP). **AOKI, Tatsuya**; Shishiai-Kabushikigaisha, 12, Shin-hazama, Seki-shi, Gifu 501-3923 (JP).

(74) **HIROE, Takenori**; 631-7, Masaki-Kurifune, Gifu-shi, Gifu 502-0857 (JP).

(81) JP.

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(51)[7] **C08L 9/06, 91/00, C08J 3/20**

(11) **WO 01/70875** (13) A1

(21) PCT/JP01/02347

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-85127 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS FOR PRODUCING THERMOPLASTIC STYRENE ELASTOMER COMPOSITION
• PROCEDE DE PRODUCTION D'UNE COMPOSITION THERMOPLASTIQUE D'ELASTOMERE DE STYRENE

(71) **ASAHI CHEMICAL SYNTHETIC CO., LTD.** [JP/JP]; 6-7, Azusawa 3-chome, Itabashi-ku, Tokyo 174-0051 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMADA, Atsushi** [JP/JP]; 205, Riverside Shuei, 1-3, Kawagisi 2-chome, Toda-shi, Saitama 335-0015 (JP). **NAKANISHI, Shino** [JP/JP]; 562, Shimomakuri, Koshigaya-shi, Saitama 343-0045 (JP).

(74) **NAKAJIMA, Shigemitsu**; Nichiyo Bldg. 3F, 11-12, Kanda Mitoshiro-cho, Chiyoda-ku, , Tokyo 101-0053 (JP).

(81) KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C08L 9/06, 91/00, C08J 5/00**

(11) **WO 01/70876** (13) A1

(21) PCT/JP01/02348

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-85165 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • STRINGY MOLDING OF THERMOPLASTIC STYRENE ELASTOMER
• MOULAGE FIBREUX D'ÉLASTOMÈRE DE STYRÈNE THERMOPLASTIQUE

(71) **ASAHI CHEMICAL SYNTHETIC CO., LTD.** [JP/JP]; 6-7, Azusawa 3-chome, Itabashi-ku, Tokyo 174-0051 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAKASHITA, Mitsuru** [JP/JP]; 9-22, Wakagi-cho 3-chome, Oyama-shi, Tochigi 323-0028 (JP). **SUZUKI, Yasuhito** [JP/JP]; 455-2, Hirai-cho, Tochigi-shi, Tochigi 328-0054 (JP). **OTAKI, Akihiro** [JP/JP]; 207, Ekuseru14, 10-4, Minami-machi 1-chome, Kawaguchi-shi, Saitama 332-0026 (JP).

(74) **NAKAJIMA, Shigemitsu**; Nichiyo Bldg. 3F, 11-12, Kanda Mitoshiro-cho, Chiyoda-ku, , Tokyo 101-0053 (JP).

(81) KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C08L 23/00**

(11) **WO 01/70877** (13) A2

(21) PCT/US01/07439

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) en (26) en

(30) 09/526,357 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AUTOCLAVABLE NON-ADHERENT, HEAT SEALABLE POLYMER BLENDS FOR FABRICATING MONOLAYER AND MULTIPLE LAYERED FILMS
• MELANGES POLYMERIQUES THERMOSOUDABLES NON ADHERENTS ET AUTOCLIVABLES SERVANT A FORMER DES FILMS MONOCOUCHES ET MULTICOUCHES

(71) **BAXTER INTERNATIONAL INC.** [US/US]; Baxter Healthcare Corporation, One Baxter Parkway, DF3-3E, Deerfield, IL 60015 (US).

(72) **WOO, Lecon**; 1013 Shari Lane, Libertyville, IL 60048 (US). **SHANG, Sherwin**; 346 Southgate Drive, Vernon Hills, IL 60061 (US). **LING, Michael, T., K.**; 1672 N. Cypress Pointe Drive, Vernon Hills, IL 60061 (US). **DING, Yuan-pang, Samuel**; 302 Richmond Lane, Vernon Hills, IL 60061 (US). **YANG, Tahua**; 6709 Greene Road, Woodridge, IL 60517 (US). **SANDFORD, Craig**; 65 West Jeffery, Wheeling, IL 60090 (US). **CHANG, Tao**; 1309 Big Bluestem Court, Ames, IA 50014 (US).

(74) **MATTENSON, Charles** et al. / etc.; Baxter Healthcare Corporation, One Baxter Parkway, DF3-3E, Deerfield, IL 60015 (US).

(81) AT AU BR CA CH CN DE DK ES GB ID IN JP KR MX PT SE SG TR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C08L 23/10, C08F 10/06 // (C08L 23/10, 23:10)**

(11) **WO 01/70878** (13) A1

(21) PCT/EP01/02786

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 00201056.9 **22 Mar/mar 2000** EP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • THERMOPLASTIC COMPOSITIONS OF ISOTACTIC PROPYLENE POLYMERS AND FLEXIBLE PROPYLENE POLYMERS HAVING REDUCED ISOTACTICITY AND A PROCESS FOR THE PREPARATION THEREOF

• COMPOSITIONS THERMOPLASTIQUES A BASE DE POLYMERES DE PROPYLENE ISOTACTIQUE ET DE POLYMERES DE PROPYLENE SOUPLE PRESENTANT UNE ISOTACTICITE REDUITE, ET PROCEDE DE PREPARATION ASSOCIE

(71) **BASELL TECHNOLOGY COMPANY B.V.** [NL/NL]; Hoeksteen 66, NL-2132 MS Hoofddorp (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RESCONI, Luigi** [IT/IT]; Via Arianuova, 56/B, I-44100 Ferrara (IT). **FERRARO, Angelo** [IT/IT]; Via S. Stefano, 34, I-40125 Bologna (IT). **BARUZZI, Giovanni** [IT/IT]; Via Mario Azzi, 37, I-44100 Ferrara (IT).

(74) **COLUCCI, Giuseppe**; Basell Poliolefine Italia S.p.A., Intellectual Property, P. le G. Donegani, 12, I-44100 Ferrara (IT) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **C08L 23/10, 23/12**

(11) **WO 01/70879** (13) A1

(21) PCT/US01/09331

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 00106298.3 **23 Mar/mar 2000** EP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A COMPATIBILIZER AND MODIFIER FOR POLYMERIC COMPOSITIONS COMPRISING POLYOLEFINS

• AGENT DE COMPATIBILITE ET MODIFICATEUR DE COMPOSITIONS POLYMERES COMPRENANT DES POLYOLEFINES

(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) **HANKE, Bernhard** [DE/DE]; Breslauer Str. 12, 65307 Bad Schwalbach (DE). **RIEGER, Bernhard** [DE/DE]; Johann-Stockar-Weg 8, 89075 Ulm (DE). **DIATLOV, Valeri Alexandrovich** [RU/RU]; maly Levshinsky per., 12-6, Moscow, 119034 (RU). **ORROTH, Mike** [US/GB]; Flat 3, 122 Richmond Hill, Richmond, Surrey TW10 6RJ (GB). **DE BELDER, Gian** [BE/BE]; Oever 33 bus 22, B-2500 Lier (BE).

(74) **THE PROCTER & GAMBLE COMPANY**; c/o Mr. T. David Reed, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **C08L 23/16, 23/04, 23/10**

(11) **WO 01/70880** (13) A1

(21) PCT/US01/08092

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 09/527,838 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • THERMOPLASTIC ELASTOMER BLENDS

• MELANGES ELASTOMERES THERMOPLASTIQUES

(71) **UNIROYAL CHEMICAL COMPANY, INC.** [US/US]; 199 Benson Road, Middlebury, CT 06749 (US).

(72) **MALDONADO, Arturo, J.**; 9606 Leaf Arbor Lane, Charlotte, NC 28277 (US).

(74) **TREMAIN, Kenneth, D.**; Uniroyal Chemical Company, Inc., 199 Benson Road, Middlebury, CT 06749 (US).

(81) BR JP KR MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **C08L 67/02, 69/00**

(11) **WO 01/70881** (13) A1

(21) PCT/NL01/00165

(22) **27 Feb/fév 2001 (27.02.2001)**

(25) nl (26) en

(30) 1014513 **28 Feb/fév 2000** NL **(28.02.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • POLYMER COMPOSITION CONTAINING A POLYMER IN A RIGID PHASE AND RUBBERY POLYMER PARTICLES WITHOUT INHOMOGENITIES

• COMPOSITION POLYMERE CONTENANT UN POLYMERE EN PHASE RIGIDE ET UN POLYMERE CAOUTCHOUTEUX PERMETTANT DE PRODUIRE DES ARTICLES HOMOGENES

(71) **DSM N.V.** [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAN HARTINGSVELDT, Edwin, Adriaan, Andre** [NL/NL]; Aylvalaan 28, NL-6212 BC Maastricht (NL). **MARISSEN, Roelof** [NL/NL]; Koningstraat 55, NL-6121 HS Born (NL).

(74) **DERKS, Wilhelmus, Hubertus, Petrus**; DSM Patents & Trademarks, P.O. Box 9, NL-6160 MA Geleen (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **C08L 69/00, C08G 64/06, C08K 5/52**

(11) **WO 01/70882** (13) A1

(21) PCT/JP00/01745

(22) **22 Mar/mar 2000 (22.03.2000)**

(25) ja (26) ja

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AROMATIC POLYCARBONATE COMPOSITION

• COMPOSITION POLYCARBONATE AROMATIQUE

(71) **TEIJIN LIMITED** [JP/JP]; 6-7, Minamihommachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0054 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUNAKOSHI, Wataru** [JP/JP]; Teijin Limited, Iwakuni Research Center, 2-1, Hinodecho, Iwakuni-shi, Yamaguchi 740-0014 (JP). **HIRATA, Masumi** [JP/JP]; Teijin Limited, Iwakuni Research Center, 2-1, Hinodecho, Iwakuni-shi, Yamaguchi 740-0014 (JP). **KANEKO, Hiroaki** [JP/JP]; Teijin Limited, Iwakuni Research Center, 2-1, Hinodecho, Iwakuni-shi, Yamaguchi 740-0014 (JP). **KAGEYAMA, Yuichi** [JP/JP]; Teijin Limited, Iwakuni Research Center, 2-1, Hinodecho, Iwakuni-shi, Yamaguchi 740-0014 (JP). **SAWAKI, Toru** [JP/JP]; Teijin Limited, Iwakuni Research Center, 2-1, Hinodecho, Iwakuni-shi, Yamaguchi 740-0014 (JP). **SASAKI, Katsushi** [JP/JP]; Teijin Limited, Iwakuni Research Center, 2-1, Hinodecho, Iwakuni-shi, Yamaguchi 740-0014 (JP).

(74) **OHSHIMA, Masataka**; Ohshima Patent Office, Fukuya Bldg., 3, Yotsuya 4-chome, Shinjuku-ku, Tokyo 160-0004 (JP).

(81) CN JP KR SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **C08L 69/00, C08G 64/06, C08K 5/52**

(11) **WO 01/70883** (13) A1

(21) PCT/JP00/05701

(22) **24 Aug/août 2000 (24.08.2000)**

(25) ja (26) ja

(30) PCT/JP00/01745 **22 Mar/mar 2000** JP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AROMATIC POLYCARBONATE COMPOSITION
• COMPOSITION DE POLYCARBONATE AROMATIQUE

(71) **TEIJIN LIMITED** [JP/JP]; 6-7, Minamihommachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0054 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUNAKOSHI, Wataru** [JP/JP]; Teijin Limited, Iwakuni Research Center, 2-1, Hinodecho, Iwakuni-shi, Yamaguchi 740-0014 (JP). **HIRATA, Masumi** [JP/JP]; Teijin Limited, Iwakuni Research Center, 2-1, Hinodecho, Iwakuni-shi, Yamaguchi 740-0014 (JP). **KANEKO, Hiroaki** [JP/JP]; Teijin Limited, Iwakuni Research Center, 2-1, Hinodecho, Iwakuni-shi, Yamaguchi 740-0014 (JP). **KAGEYAMA, Yuichi** [JP/JP]; Teijin Limited, Iwakuni Research Center, 2-1, Hinodecho, Iwakuni-shi, Yamaguchi 740-0014 (JP). **SAWAKI, Toru** [JP/JP]; Teijin Limited, Iwakuni Research Center, 2-1, Hinodecho, Iwakuni-shi, Yamaguchi 740-0014 (JP). **SASAKI, Katsushi** [JP/JP]; Teijin Limited, Iwakuni Research Center, 2-1, Hinodecho, Iwakuni-shi, Yamaguchi 740-0014 (JP).

(74) **OHSHIMA, Masataka**; Ohshima Patent Office, Fukuya Building, 3, Yotsuya 4-chome, Shinjuku-ku, Tokyo 160-0004 (JP).

(81) CN JP KR SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **C08L 69/00, 51/04 // (C08L 69/00, 51:04) (C08L 51/04, 69:00)**

(11) **WO 01/70884** (13) A1

(21) PCT/US01/01653

(22) **18 Jan/jan 2001 (18.01.2001)**

(25) en (26) en

(30) 09/527,630 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CARBONATE POLYMER BLEND COMPOSITION
• COMPOSITION A BASE DE MELANGE DE POLYMERES DE CARBONATE

(71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).

(72) **DUMONT, Paul, H., W., J.**; Lange Kerkstraat 58, NL-4531 CJ Terneuzen (NL). **VAN HEUR, Dagmar, J., J., M.**; Eichenweg 21.1, 65817 Eppstein-Vockenhausen (DE).

(74) **CHRISTY, M., Robert**; The Dow Chemical Company, Intellectual Property, P.O. Box 1967, Midland, MI 48641-1967 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C08L 79/00, 83/04, C08K 3/00**

(11) **WO 01/70885** (13) A1

(21) PCT/JP01/02237

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-78792 **21 Mar/mar 2000** JP **(21.03.2000)**

(30) 2000-78796 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • RESIN COMPOSITION WITH EXCELLENT DIELECTRIC CHARACTERISTICS, PROCESS FOR PRODUCING RESIN COMPOSITION, VARNISH PREPARED FROM THE SAME, PROCESS FOR PRODUCING THE SAME, PREPREG MADE WITH THESE, AND METAL-CLAD LAMINATE
• COMPOSITION DE RESINE A CARACTERISTIQUES DIELECTRIQUES ELEVEES, PROCEDE DE FABRICATION DE LADITE COMPOSITION, VERNIS PREPARE A PARTIR DE LADITE COMPOSITION, PROCEDE DE PRODUCTION DUDIT VERNIS, PREIMPREGNE PREPARE A PARTIR DE LADITE COMPOSITION ET DUDIT VERNIS, STRATIFIE REVETU DE METAL

(71) **HITACHI CHEMICAL CO., LTD.** [JP/JP]; 1-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 163-0449 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIZUNO, Yasuyuki** [JP/JP]; Shisui-ryo, 240, Ozakata, Shimodate-shi, Ibaraki 308-0854 (JP). **FUJIMOTO, Daisuke** [JP/JP]; Kawashima-House 1-104, 239, Ozakata, Shimodate-shi, Ibaraki 308-0854 (JP). **TOMIOKA, Kenichi** [JP/JP]; Kawashima-House 4-204, 248, Ozakata, Shimodate-shi, , Ibaraki 308-0854 (JP). **TAKANO, Nozomu** [JP/JP]; 921-10, Yuki, Yuki-shi, Ibaraki 307-0001 (JP).

(74) **MIYOSHI, Hidekazu**; 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C08L 83/04**

(11) **WO 01/70886** (13) A2

(21) PCT/US01/06798

(22) **28 Feb/fév 2001 (28.02.2001)**

(25) en (26) en

(30) 60/189,790 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SILICONE AMINO-EPOXY CROSS-LINKING SYSTEM
• SYSTEME DE RETICULATION D'AMINO-EPOXY DE SILICIUM

(71) **CROMPTON CORPORATION** [US/US]; 199 Benson Road, Middlebury, CT 06749 (US).

(72) **CZECH, Anna, M.**; 253 Millington Road, Cortlandt Manor, NY 10567 (US). **CREAMER, Charles, E.**; 27 Sprucewood Lane, Ridgefield, CT 06877 (US).

(74) **MA, Shirley, S.**; Crompton Corporation, 199 Benson Road, Middlebury, CT 06749 (US).

(81) AU BR CA JP.

(84) EP (BE DE FR GB IT NL).

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(51)[7] **C08L 101/00, 27/18, C08J 3/16**

(11) **WO 01/70887** (13) A1

(21) PCT/JP01/02214

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-79131 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • THERMOPLASTIC RESIN COMPOSITION
• COMPOSITION DE RESINE THERMOPLASTIQUE

(71) **MITSUBISHI RAYON CO., LTD.** [JP/JP]; 6-41, Konan 1-chome, Minato-ku, Tokyo 108-8506 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUJIMOTO, Hideyuki** [JP/JP]; Mitsubishi Rayon Co., Ltd., Corporate Research Laboratories, 20-1, Miyuki-cho, Otake-shi, Hiroshima 739-0693 (JP). **KOSHIRAI, Atsunori** [JP/JP]; Mitsubishi Rayon Co., Ltd., Corporate Research Laboratories, 20-1, Miyuki-cho, Otake-shi, Hiroshima 739-0693 (JP).

(74) **SHIGA, Masatake** et al. / etc.; OR Bldg., 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (JP).

(81) CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C09B 62/45**

(11) **WO 01/70888** (13) A1

(21) PCT/EP01/02794

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 0549/00 **22 Mar/mar 2000** CH **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FIBRE REACTIVE NAPHTHYLAZON-APHTHYL TRIAZINYL DYES
• COLORANTS NAPHTHYL-AZO-NAPHTHYL TRIAZINYL REACTIFS AUX FIBRES

(71) **CIBA SPECIALTY CHEMICALS HOLDING INC.** [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).

(72) **TZIKAS, Athanassios**; Unterer Rütschetenweg 36, CH-4133 Pratteln (CH). **DEITZ, Rolf** (deceased / décédé).**CORTESE, Bruno**; 24A, rue des Vergers, F-68350 Brunstatt (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C09D 5/18**

(11) **WO 01/70889** (13) A2

(21) PCT/US01/40350

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,395 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FLAME-RESISTANT-THERMOSET COATING
• REVETEMENT THERMODURCI IGNIFUGE

(71) **BEMIS MANUFACTURING COMPANY** [US/US]; 300 Mill Street, Sheboygan Falls, WI 53085 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEMIS, Peter, F.** [US/US]; 629 Greendale Road, Sheboygan, WI 53081 (US). **GIATRAS, James** [US/US]; 16411 Bethel Road, Elkhart Lake, WI 53020 (US). **ENGEL, Larry** [US/US]; 1113 High Avenue, Sheboygan, WI 53081 (US). **CYKANA, Daniel** [US/US]; W4545 Center Street, Hingham, WI 53031 (US). **FOTH, Kurt** [US/US]; 4441 Lilac Court, Sheboygan, WI 53081 (US).

(74) **HARTWIG, Gregory, J.**; Michael Best & Friedrich LLP, 100 East Wisconsin Avenue, Milwaukee, WI 53202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C09D 5/29**

(11) **WO 01/70890** (13) A1

(21) PCT/KR01/00419

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) ko (26) en

(30) 2000/13826 **18 Mar/mar 2000** KR **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MANUFACTURE METHODS OF SHORT FILAMENT AND MULTI-COLOR PATTERN COATING MATERIAL
• PROCEDES DE PRODUCTION D'UN MATERIAU DE REVETEMENT A FIBRES COURTES ET UN MATERIAU DE REVETEMENT A MOTIFS MULTICOLORES

(71) **RV PAINTS CO., LTD.** [KR/KR]; 232-4, Sangdaewon-Dong, Jungwon-Gu, Seongnam-Si, Gyeonggi-Do 462-120 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHO, Jong, Soo** [KR/KR]; 1-8-109 Hansin Apt., Yongjong-Ri, Jingeon-Myeon, Namyangju-Si, Gyeonggi-Do 472-830 (KR). **KIM, In, Ki** [KR/KR]; Materials Science and Engineering, Hanseo University, Chungnam, Seosan 356-706 (KR).

(74) **KIM, Yoon, Bae**; Kims and Lees, International Patent and Law Offices, 8th floor, Dongduk Building, 151-8 Kwanhoon-dong, Jongro-Gu, Seoul 110-300 (KR).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C09D 7/12**

(11) **WO 01/70891** (13) A1

(21) PCT/US01/03486

(22) **2 Feb/fév 2001 (02.02.2001)**

(25) en (26) en

(30) 09/532,763 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CURABLE COATING COMPOSITION WITH IMPROVED DURABILITY
• COMPOSITION DE REVETEMENT DURCISSABLE A RESISTANCE AMELIOREE

(71) **BASF CORPORATION** [US/US]; Patent Department, 26701 Telegraph Road, Southfield, MI 48034-2442 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOISSEAU, John** [US/US]; 2071 Birchland Drive, Bloomfield Hills, MI 48302 (US). **ST. AUBIN, Donald** [US/US]; 505 Sherbrooke, Commerce Township, MI 48382 (US). **OHRBOM, Walter** [US/US]; 13938 Plover, Hartland Township, MI 48353 (US).

(74) **SABOURIN, Anne, Gerry** et al. / etc.; BASF Corporation, 26701 Telegraph Road, Southfield, MI 48034-2442 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C09D 11/02**

(11) **WO 01/70892** (13) A1

(21) PCT/KR00/00870

(22) **7 Aug/août 2000 (07.08.2000)**

(25) ko (26) en

(30) 2000/14086 **20 Mar/mar 2000** KR **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • THE METHOD FOR PREPARING THE EMULSION COMPOSED OF HYDROPHILIC AND HYDROPHOBIC POLYMERS FOR WATER-BORNE INKS
• PROCEDE DE PREPARATION D'UNE EMULSION COMPOSEE DE POLYMERES HYDROPHILES ET HYDROPHOBES POUR ENCRES EN PHASE AQUEUSE

(71) **HANWHA CHEMICAL CORPORATION** [KR/KR]; 1 Janggyo-dong, Jung-ku, Seoul 100-220 (KR).

(72) **HA, Hyun-Jae**; Baekhap Apt. 107-804, Weolpyoung-dong 266, Seo-ku, Taejon 302-280 (KR). **OH, Seok-Heon**; Doore Apt. 110-705, Sinsung-dong 152-1, Yusung-ku, Taejon 305-345 (KR). **KIM, Sae-Heun**; Greenbill 304, Sinsung-dong 150-1, Yusung-ku, Taejon 305-345 (KR). **PARK, Young-Jun**; Luckyhana Apt. 107-807, Sinsung-dong 153, Yusung-ku, Taejon 305-345 (KR). **JIN, Young-Sub**; Hanwool Apt. 111-1804, Sinsung-dong 160-1, Yusung-ku, Taejon 305-345 (KR).

(74) **LEE, Chul** et al. / etc.; Changsang Building 2nd Floor, 1543-12, Seocho-3dong, Seocho-ku, Seoul 137-073 (KR).

(81) CN ID JP SG.

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(51)[7] **C09D 167/00**

(11) **WO 01/70893** (13) A2

(21) PCT/EP01/03441

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/192,111 **24 Mar/mar 2000** US **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CARBOXYL-FUNCTIONAL POLYESTER EPOXY RESIN POWDER COATINGS BASED ON 1,3-PROPANEDIOL

- REVETEMENTS DE POUDRE DE RESINE D'EPOXY POLYESTER CARBOXY-FONCTIONNELLE A BASE DE PROPANEDIOL 1,3

(71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).

(72) **SMITH, Oliver, Wendell**; 242 Wildwood Trail, Petal, MS 39465 (US). **THAMES, Shelby, Freland**; 103 Darby Road, Hattiesburg, MS 39401 (US). **ZHOU, Lichang**; 184 Princeton Arms, Cranbury, NJ 08512 (US). **FORSCHNER, Thomas, Clayton**; 2211 Woodland Drive, Richmond, TX 77469 (US). **BOON, Wyndham, Henry**; 2446 Baylor Circle, North Canton, OH 44720 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C09J 7/00**

(11) **WO 01/70894** (13) A2

(21) PCT/EP01/02792

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) de (26) de

(30) 100 14 563.9 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- CROSS LINKAGE OF PRESSURE-SENSITIVE ADHESIVE SUBSTANCES BY MEANS OF ELECTRON BEAMS
- RETICULATION DE MATIERES AUTO-ADHESIVES PAR FAISCEAUX ELECTRONIQUES

(71) **BEIERSDORF AG** [DE/DE]; Unnastrasse 48, 20245 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DIETZ, Bernd** [DE/DE]; Bramkampredder 137, 22949 Ammersbek (DE). **HUSEMANN, Marc** [DE/DE]; Strehlowweg 48, 22605 Hamburg (DE). **KARMANN, Werner** [DE/DE]; Stolpmünder Strasse 11, 22147 Hamburg (DE). **KLOSE, Maren** [DE/DE]; Vor der Heide 1 a, 21218 Seevetal (DE). **NEUHAUS-STEINMETZ, Hermann** [DE/DE]; Amselweg 9A, 22926 Ahrensburg (DE).

(74) **BEIERSDORF AG**; Unnastrasse 48, 20245 Hamburg (DE).

(81) DE JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C09J 7/00**

(11) **WO 01/70895** (13) A2

(21) PCT/US01/05818

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/531,418 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- DRYWALL TAPES, DRYWALL TAPE APPLICATORS AND METHODS OF FINISHING DRYWALL JOINTS
- BANDES POUR CLOISONS SECHES, APPLICATEURS DE BANDES POUR CLOISONS SECHES ET PROCEDES DE FINITION DE JOINTS DE CLOISONS SECHES

(71, 72) **CALDERON, Carlos** [US/US]; 3808 Wing Leaft Court, Rockville, MD 20853 (US).

(74) **EPSTEIN, Robert, H.**; Epstein, Edell, Shapiro & Finnan, LLC, Suite 400, 1901 Research Blvd., Rockville, MD 20850 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C09J 7/00**

(11) **WO 01/70896** (13) A2

(21) PCT/US01/06702

(22) **1 Mar/mar 2001 (01.03.2001)**

(25) en (26) en

(30) 09/528,694 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- MONOAXIALLY ORIENTED POLYPROPYLENE REINFORCED TAPE
- BANDE RENFORCEE PAR DU POLYPROPYLENE A ORIENTATION MONOAXIALE

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **RICHARDSON, Edward, W.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **STAGG, Timothy, V.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **BUSS, Melissa, E.** et al. / etc.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(81) DE (Utility model / modèle d'utilité).

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(51)[7] **C09J 7/00**

(11) **WO 01/70897** (13) A2

(21) PCT/US01/09113

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/532,576 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- HIGH BOND STRENGTH, REPOSITIONABLE ADHERENT SHEET
- FEUILLE ADHESIVE A RESISTANCE D'ADHESION ELEVEE, POUVANT ETRE REPOSITIONNEE

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) **HAMILTON, Peter, W.**; 1107 Devils Backbone Road, Cincinnati, OH 45233 (US). **MCGUIRE, Kenneth, S.**; 15 Linden Drive, Wyoming, OH 45215 (US). **POLAND, James, Edward**; 1321 Amsterdam Road, Park Hills, KY 41011 (US). **BOUTHILET, Andrew, L.**; 585 Terrace Avenue, Cincinnati, OH 45220 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C09J 161/28**

(11) **WO 01/70898** (13) A1

(21) PCT/SE01/00547

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 00850048.0 **20 Mar/mar 2000** EP **(20.03.2000)**

(30) 60/190,553 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- ADHESIVE SYSTEM COMPRISING ETHERIFIED AMINO RESINS
- SYSTEME ADHESIF CONTENANT DES RESINES AMINO ETHERIFIEES

(71) **AKZO NOBEL N.V.** [NL/NL]; P.O. Box 9300, NL-6800 SB Arnhem (NL).
(for all designated States except / pour tous les États désignés sauf US)

(71) **CASCO PRODUCTS AB** [SE/SE]; P.O. Box 11538, S-100 61 Stockholm (SE).
(only for / seulement pour SE)

(72, 75) **NASLI-BAKIR, Benyahia** [SE/SE]; Centralvägen 4D, S-132 40 Saltsjö-Boo (SE). **LINDBERG, Stefan** [SE/SE]; Lagmansvägen 33, S-186 42 Vallentuna (SE).

(74) **NIKOLOPOULOU, Sofia**; Eka Chemicals AB, Patent Department, P.O. Box 11556, S-100 61 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C09K 5/06**

(11) **WO 01/70899** (13) A2

(21) PCT/US01/09020

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/191,243 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AMMONIUM BIACETATE AS A HEAT STORAGE MATERIAL
• DIACETATE D'AMMONIUM EN TANT QUE MATERIAU D'ACCUMULATION DE CHALEUR

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) **ANDERSON, Albert, Gordon**; 2410 Saint Francis Street, Wilmington, DE 19808 (US).

(74) **SIEGELL, Barbara, C.**; E.I. Du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C09K 5/10, 5/20**

(11) **WO 01/70900** (13) A1

(21) PCT/JP00/01719

(22) **21 Mar/mar 2000 (21.03.2000)**

(25) ja (26) ja

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ANTIFREEZE/COOLANT COMPOSITION
• COMPOSITION ANTIGEL/REGRIGERANTE

(71) **SHISHIAI-KABUSHIKIGAISHA** [JP/JP]; 12, Shin-hazama, Seki-shi, Gifu 501-3923 (JP).

(72, 75) **MIYAKE, Yuji** [JP/JP]; Shishiai-kabushikigaisha, 12, Shin-hazama, Seki-shi, Gifu 501-3923 (JP). **HORIBE, Makoto** [JP/JP]; Shishiai-kabushikigaisha, 12, Shin-hazama, Seki-shi, Gifu 501-3923 (JP).

(74) **HIROE, Takenori**; 631-7, Masaki-kurifune, Gifu-shi, Gifu 502-0857 (JP).

(81) JP US.

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(51)[7] **C09K 5/20, C23F 11/12**

(11) **WO 01/70901** (13) A1

(21) PCT/JP00/01795

(22) **23 Mar/mar 2000 (23.03.2000)**

(25) ja (26) ja

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ANTIFREEZE/COOLANT COMPOSITION
• COMPOSITION D'ANTIGEL/DE REFRIGERANT

(71) **SHISHIAI-KABUSHIKIGAISHA** [JP/JP]; 12, Shin-hazama, Seki-shi, Gifu 501-3923 (JP).

(72, 75) **MIYAKE, Yuji** [JP/JP]; Shishiai-Kabushikigaisha, 12, Shin-hazama, Seki-shi, Gifu 501-3923 (JP). **KAGA, Nobuyuki** [JP/JP]; Shishiai-Kabushikigaisha, 12, Shin-hazama, Seki-shi, Gifu 501-3923 (JP).

(74) **HIROE, Takenori**; 631-7, Masaki-Kurifune, Gifu-shi, Gifu 502-0857 (JP).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **C09K 11/54, 11/59**

(11) **WO 01/70902** (13) A1

(21) PCT/US01/03574

(22) **5 Feb/fév 2001 (05.02.2001)**

(25) en (26) en

(30) 09/531,159 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR PREPARING EFFICIENT LOW VOLTAGE PHOSPHORS AND PRODUCTS PRODUCED THEREBY
• PROCEDE DE PREPARATION DE PHOSPHORES EFFICACES POUR APPLICATIONS A FAIBLE TENSION, ET PRODUITS PREPARES A CET EFFET

(71) **THE UNITED STATES OF AMERICA, as represented by THE SECRETARY OF THE NAVY** [US/US]; Naval Research Laboratory, 4555 Overlook Avenue S.W., Washington, DC 20375 (US).

(72) **HSU, David, S., Y.**; 8718 Parry Lane, Alexandria, VA 22308 (US). **TIAN, Yongchi**; 7346 Dartford Dr., #7, McLean, VA 22102 (US).

(74) **KARASEK, John, J.**; Naval Research Laboratory, Office of Associate Counsel, Patents, Code 1008.2, 4555 Overlook Avenue, S.W., Washington, DC 20375 (US).

(81) CA JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **C09K 17/42, 17/40**

(11) **WO 01/70903** (13) A1

(21) PCT/NL01/00221

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 1014690 **20 Mar/mar 2000** NL **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CLAY-CONTAINING MIXTURE OR BLEND CAPABLE OF FORMING A MOISTURE RESISTANT GEL, AND USE OF THAT MIXTURE AND BLEND
• MELANGE CONTENANT DE L'ARGILE OU MELANGE PERMETTANT DE FORMER UN GEL RESISTANT A L'HUMIDITE, ET UTILISATION DE CES MELANGES

(71) **TRISOPLAST INTERNATIONAL B.V.** [NL/NL]; Oude Weistraat 17, NL-5334 LK Velddriel (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WAMMES, Jacobus, Cornelis** [NL/NL]; Voorstraat 73, NL-5334 JR Velddriel (NL). **LIBOR, Oszkár** [HU/HU]; Budenz u. 4 ter à, H-1021 Budapest (HU).

(74) **VAN KAN, J., J., H.** et al. / etc.; Algemeen Octrooibureau, World Trade Center, Pastoor Petersstraat 160, NL-5612 LV Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C09K 21/14, C08L 101/00, 85/02, C08G 79/02, 79/04, C08F 30/02, 290/06, 290/14, 299/02**

(11) **WO 01/70904** (13) A1

(21) PCT/JP01/02153

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ja (26) ja

(30) 2000-78684 **21 Mar/mar 2000** JP **(21.03.2000)**

(30) 2000-358220 **24 Nov/nov 2000** JP **(24.11.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FLAME RETARDANT, FLAME-RETARDANT RESIN COMPOSITION, MOLDED OBJECT, AND ELECTRONIC PART
• AGENT IGNIFUGEANT, COMPOSITION DE RESINE IGNIFUGEANTE, OBJET MOULE ET PIECE ELECTRONIQUE

(71) **OTSUKA KAGAKU KABUSHIKI KAISHA** [JP/JP]; 2-27, Otedori 3-chome, Chuo-ku, Osaka-shi, Osaka 540-0021 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TANIGUCHI, Masatoshi** [JP/JP]; c/o OTSUKA KAGAKU KABUSHIKI KAISHA, 2-27, Otedori 3-chome, Chuo-ku, Osaka-shi, Osaka 540-0021 (JP). **TADA, Yuji** [JP/JP]; c/o OTSUKA KAGAKU KABUSHIKI KAISHA, Tokushima Research Laboratories, 463, Kagasuno, Kawauchi-cho, Tokushima-shi, Tokushima 771-0193 (JP). **NISHIOKA, Yoichi** [JP/JP]; c/o OTSUKA KAGAKU KABUSHIKI KAISHA, Tokushima Research Laboratories, 463,

Kagasuno, Kawauchi-cho, Tokushima-shi, Tokushima 771-0193 (JP). **NAKANO, Shinji** [JP/JP]; c/o OTSUKA KAGAKU KABUSHIKI KAISHA, Tokushima Research Laboratories, 463, Kagasuno, Kawauchi-cho, Tokushima-shi, Tokushima 771-0193 (JP).

(74) **FUJIMOTO, Noboru** et al. / etc.; Nagahori Community Bldg. 4F, 5-8, Minami-senba 2-chome, Chuoh-ku, Osaka-shi, Osaka 542-0081 (JP).

(81) CN ID IN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C10G**

(11) **WO 01/70905** (13) A2

(21) PCT/ES01/00117

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) es (26) es

(30) P 200000789 **24 Mar/mar 2000** ES **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CATALYTIC CRACKING MATERIALS BASED ON ZEOLITES ITQ-7 AND THEIR USE IN HYDROCARBON CRACKING PROCESSES
• MATIERES CATALYTIQUES DE CRAQUAGE A BASE DE ZEOLITES ITQ-7 ET LEUR UTILISATION DANS DES PROCEDES DE CRAQUAGE D'HYDROCARBURES

(71) **CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS** [ES/ES]; Calle Serrano, 117, E-28006 Madrid (ES). **UNIVERSIDAD POLITECNICA DE VALENCIA** [ES/ES]; Camino de Vera, E-46022 Valencia (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CORMA CANOS, Avelino** [ES/ES]; Instituto de Tecnología Química, Consejo Superior de Investigaciones Científicas, Universidad Polítecnica de Valencia, Calle Los Naranjos, E-46022 Valencia (ES). **DIAZ CABAÑAS, María José** [ES/ES]; Instituto de Tecnología Química, Consejo Superior de Investigaciones Científicas, Universidad Polítecnica de Valencia, Calle Los Naranjos, E-46022 Valencia (ES). **MARTINEZ TRIGUERO, Joaquín** [ES/ES]; Instituto de Tecnología Química, Consejo Superior de Investigaciones Científicas, Universidad Polítecnica de Valencia, Calle Los Naranjos, E-46022 Valencia (ES).

(74) **OJEDA GARCIA, Pedro**; Consejo Superior de Investigaciones Científicas, Calle Serrano, 113, E-28006 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C10G 1/10**

(11) **WO 01/70906** (13) A1

(21) PCT/KR00/00373

(22) **20 Apr/avr 2000 (20.04.2000)**

(25) en (26) en

(30) 2000-014033 **20 Mar/mar 2000** KR **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND SYSTEM FOR CONTINUOUSLY PREPARING GASOLINE, KEROSENE AND DIESEL OIL FROM WASTE PLASTICS
• PROCEDE ET SYSTEME PERMETTANT DE PREPARER EN CONTINU DE L'ESSENCE, DU KEROSENE ET DU GAZOLE A PARTIR DE DECHETS PLASTIQUES

(71, 72) **KWAK, Ho-jun** [KR/KR]; 340-10, Daebang-dong, Chang-won shi, Kyungsangnam-do 641-100 (KR).

(74) **SUH, Man-kyu**; 3/F, Jung-an Bldg., 827-64, Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C10G 11/00**

(11) **WO 01/70907** (13) A1

(21) PCT/US01/07299

(22) **6 Mar/mar 2001 (06.03.2001)**

(25) en (26) en

(30) 09/532,160 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DESULFURIZATION AND NOVEL SORBENTS FOR SAME
• DESULFURATION ET PRODUITS ABSORBANTS ASSOCIES

(63) US 09/532,160 (CON) 21 Mar/mar 2001 (21.03.2001)

(71) **PHILLIPS PETROLEUM COMPANY** [US/US]; 4th and Keeler, Bartlesville, OK 74004 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KHARE, Gyanesh, P.** [US/US]; 2657 Williamsburg, Bartlesville, OK 74006 (US).

(74) **RICHARDS, John**; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C10G 11/00**

(11) **WO 01/70908** (13) A1

(21) PCT/US01/08402

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/191,579 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 60/191,530 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 60/246,317 **6 Nov/nov 2000** US **(06.11.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FCC PROCESS
• PROCEDE DE CRAQUAGE CATALYTIQUE FLUIDE (CFF)

(71) **EXXONMOBIL RESEARCH AND ENGINEERING COMPANY** [US/US]; (Formerly Exxon Research and Engineering Company), P.O. Box 900, Annandale, NJ 08801-0900 (US).

(72) **MON, Eduardo**; 11925 Oak Haven, Baton Rouge, LA 70810 (US). **SWAN, George, A., III**; 18437 Wildlife Way, Baton Rouge, LA 70817 (US).

(74) **CROMWELL, Michael, A.** et al. / etc.; ExxonMobil Research and Engineering Company, P.O. Box 900, Annandale, NJ 08801-0900 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C10G 11/18**

(11) **WO 01/70909** (13) A1

(21) PCT/US01/08303

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/191,579 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 60/191,530 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 60/246,317 **6 Nov/nov 2000** US **(06.11.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FCC PROCESS
• PROCEDE DE CRAQUAGE CATALYTIQUE SUR LIT FLUIDISE (FCC)

(71) **EXXONMOBIL RESEARCH AND ENGINEERING COMPANY** [US/US]; P.O. Box 900, Annandale, NJ 08801-0900 (US).

(72) **MON, Eduardo**; 11925 Oak Haven, Baton Rouge, LA 70810 (US). **SWAN, George, A., III**; 18437 Wildlife Way, Baton Rouge, LA 70817 (US).

(74) **CROMWELL, Michael, A.** et al. / etc.; ExxonMobil Research and Engineering Company, P.O. Box 900, Annandale, NJ 08801-0900 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C10G 11/18**

(11) **WO 01/70910** (13) A1

(21) PCT/US01/08304

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/191,579 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 60/191,530 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 60/246,317 **6 Nov/nov 2000** US **(06.11.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FCC PROCESS
• PROCEDE DE CRAQUAGE CATALYTIQUE SUR LIT FLUIDISE (FCC)

(71) **EXXONMOBIL RESEARCH AND ENGINEERING COMPANY** [US/US]; P.O. Box 900, Annandale, NJ 08801-0900 (US).

(72) **MON, Eduardo**; 11925 Oak Haven, Baton Rouge, LA 70810 (US). **SWAN, George, A., III**; 18437 Wildlife Way, Baton Rouge, LA 70817 (US).

(74) **CROMWELL, Michael, A.** et al. / etc.; ExxonMobil Research and Engineering Company, P.O. Box 900, Annandale, NJ 08801-0900 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **C10G 11/18**

(11) **WO 01/70911** (13) A1

(21) PCT/US01/08307

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/191,579 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 60/191,530 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 60/246,317 **6 Nov/nov 2000** US **(06.11.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FCC PROCESS
• PROCEDE DE CRAQUAGE CATALYTIQUE SUR LIT FLUIDISE (FCC)

(71) **EXXONMOBIL RESEARCH AND ENGINEERING COMPANY** [US/US]; P.O. Box 900, Annandale, NJ 08801-0900 (US).

(72) **MON, Eduardo**; 11925 Oak Haven, Baton Rouge, LA 70810 (US). **SWAN, George, A., III**; 18437 Wildlife Way, Baton Rouge, LA 70817 (US). **BILLIMORIA, Rustom, M.**; 17709 Heritage Estates Drive, Baton Rouge, LA 70810 (US). **LADWIG, Paul, K.**; 6506 Marston Cluster, Centreville, VA 20120 (US).

(74) **CROMWELL, Michael, A.** et al. / etc.; Exxonmobil Research and Engineering Company, P.O. Box 900, Annandale, NJ 08801-0900 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C10L 1/00, B01J 19/00**

(11) **WO 01/70912** (13) A1

(21) PCT/US01/01066

(22) **12 Jan/jan 2001 (12.01.2001)**

(25) en (26) en

(30) 09/531,989 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CRUDE OIL BLENDING METHOD AND SYSTEM
• PROCEDE ET SYSTEME DE MELANGE DE PETROLE BRUT

(71) **THE FOXBORO COMPANY** [US/US]; 33 Commercial Street, Foxboro, MA 02035 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KARG, Randal, W.** [—/US]; 8 Walden Court, Medfield, MA 02052-1434 (US). **CLINKSCALES, Thomas, A.** [—/US]; 6607 Gentlebend Drive, Houston, TX 77069 (US). **SWART, Cor** [—/NL]; Jeneverbesweg 9, NL-3768 CZ Soest (NL).

(74) **LIEPMANN, W., Hugo** et al. / etc.; Foley, Hoag & Eliot, LLP, One Post Office Square, Boston, MA 02109-2170 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C10L 1/02**

(11) **WO 01/70913** (13) A2

(21) PCT/US01/40333

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/532,118 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A DUAL FUEL COMPOSITION INCLUDING ACETYLENE
• COMPOSITION DE CARBURANT MIXTE AVEC ACETYLENE

(71) **GO-TEC, INC.** [US/US]; 1101 Lakeview Drive, Columbia, MO 65201 (US).

(72) **WULFF, Joseph, W.**; 8801 Highway HH, Hallsville, MO 65255 (US). **HULETT, Maynard**; 6502 S. Old Village Road, Columbia, MO 65203 (US). **LEE, Sunggyu**; 4912 McKenna Court, Columbia, MO 65203 (US).

(74) **GOETZ, Kenneth, D.** et al. / etc.; Lathrop & Gage, LC, 2345 Grand Boulevard, Suite 2800, Kansas City, MO 64108 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C10L 1/06, 1/18**

(11) **WO 01/70914** (13) A1

(21) PCT/JP01/02331

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-81357 **23 Mar/mar 2000** JP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FUEL OIL FOR USE BOTH IN INTERNAL COMBUSTION IN ENGINE AND FUEL CELL
• GAZOLE UTILISABLE DANS LES MOTEURS THERMIQUES ET DANS LES PILES A COMBUSTIBLE

(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) **AKIMOTO, Takashi** [JP/JP]; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0205 (JP). **IIZUKA, Masashi** [JP/JP]; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0205 (JP). **HIRANO, Hiroshi** [JP/JP]; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0205 (JP).

(74) **OHTANI, Tamotsu**; TOMOE-CHO ANNEX-II 4F, 8-27, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C10L 1/16, C10M 127/00**

(11) **WO 01/70915** (13) A1

(21) PCT/US01/08419

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,308 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CARBON NANOTUBES IN FUELS AND LUBRICANTS
• NANOTUBES DE CARBONE UTILISES DANS DES CARBURANTS ET DANS DES LUBRIFIANTS

(71) **HYPERION CATALYSIS INTERNATIONAL, INC.** [US/US]; 38 Smith Place, Cambridge, MA 02138 (US).

(72) **MOY, David**; 21 Edward Drive, Winchester, MA 01890 (US). **NIU, Chunming**; 7 Sterling Street, Somerville, MA 02138 (US). **TENNENT, Howard**; 301 Chandler Mill Road, Kennett Square, PA 19348 (US). **HOCH, Robert**; R.R. 1, Box 422, Hensonville, NY 12439 (US).

(74) **EVANS, Barry**; Kramer Levin Naftalis & Frankel LLP, 919 Third Avenue, New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C10L 3/02**

(11) **WO 01/70916** (13) A2

(21) PCT/US01/40336

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/532,124 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A DUAL FUEL COMPOSITION INCLUDING ACETYLENE FOR USE WITH DIESEL AND OTHER INTERNAL COMBUSTION ENGINES
• COMPOSITION A DEUX CARBURANTS COMPRENANT DE L'ACETYLENE UTILISEE DANS DES MOTEURS DIESEL OU THERMIQUES

(71) **GO-TEC, INC.** [US/US]; 1101 Lakeview Drive, Columbia, MO 65201 (US).

(72) **WULFF, Joseph, W.**; 8801 Highway HH, Hallsville, MO 65255 (US). **HULETT, Maynard**; 6502 S. Old Village Road, Columbia, MO 65203 (US). **LEE, Sunggyu**; 4912 McKenna Court, Columbia, MO 65203 (US).

(74) **GOETZ, Kenneth, D.** et al. / etc.; Lathrop & Gage, LC, 2345 Grand Boulevard, Suite 2800, Kansas City, MO 64108 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C10L 5/42, 5/44**

(11) **WO 01/70917** (13) A1

(21) PCT/US01/09412

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,531 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF CONVERTING AGRICULTURAL WASTE TO LIQUID FUEL AND ASSOCIATED APPARATUS
• PROCEDE DE TRANSFORMATION D'UN DECHET AGRICOLE EN COMBUSTIBLE LIQUIDE, ET DISPOSITIF ASSOCIE

(71) **WEST VIRGINIA UNIVERSITY** [US/US]; 886 Chestnut Ridge Road, Suite 208, Morgantown, WV 26506 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RUSSELL, Richard, W.** [US/US]; 490 Pythian Street, Morgantown, WV 26505 (US). **STILLER, Alfred, H.** [US/US]; 443 Jefferson Street, Morgantown, WV 26505 (US).

(74) **SILVERMAN, Arnold, B.**; Eckert Seamans Cherin & Mellott, LLC, 44th floor, 600 Grant Street, Pittsburgh, PA 15219 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C10M**

(11) **WO 01/70918** (13) A2

(21) PCT/EP01/03309

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) de (26) de

(30) 09/534,752 **24 Mar/mar 2000** US **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COATING MATERIALS HAVING ANTI-SEIZING PROPERTIES FOR DETACHABLE BUSH-BOLT AND/OR THREADED CONNECTIONS
• PRODUITS DE REVETEMENT A PROPRIETES ANTIGRIPPANTES POUR JONCTIONS AMOVIBLES MANCHONS-BOULONS ET/OU FILETAGES

(71) **OMNITECHNIK MIKROVERKAPSELUNGSGESELLSCHAFT MBH** [DE/DE]; Triebstrasse 9, 80993 München (DE).

(72) **HINTERWALDNER, Rudolf**; Dachsberg 19, 85665 Moosach (DE). **KONAT, Karol**; Fromundstr. 32, 81547 München (DE). **TRÜBENBACH, Thomas**; Otto-Wagner-Str. 8a, 82110 Germering (DE). **WECKERLE, Anselm**; Meistenstr. 19, 82256 Fürstenfeldbruck (DE).

(74) **KINZEBACH, Werner** et al. / etc.; Reitstötter, Kinzebach & Partner, Sternwartstr. 4, 81679 München (DE).

(81) CA JP KR MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C10M 135/18, 129/54, 129/76**

(11) **WO 01/70919** (13) A1

(21) PCT/US00/35702

(22) **5 Dec/déc 2000 (05.12.2000)**

(25) en (26) en

(30) 09/464,531 **15 Dec/déc 1999** US **(15.12.1999)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LONG LIFE LUBRICATING OIL COMPOSITION USING PARTICULAR DETERGENT MIXTURE
• COMPOSITION D'HUILE LUBRIFIANTE LONGUE DUREE UTILISANT UN MELANGE PARTICULIER DE DETERGENTS

(71) **EXXONMOBIL RESEARCH AND ENGINEERING COMPANY** [US/US]; P.O. Box 900, 1545 Route 22 East, Annandale, NJ 08801 (US).

(72) **CARTWRIGHT, Stanley, James**; 2031 Huron Shores Court, Sarnia, Ontario N7T 7H4 (CA). **FINCH, James, Walter**; 401 Ridley Court, Sarnia, Ontario N7S 6E5 (CA).

(74) **ALLOCCA, Joseph, J.** et al. / etc.; ExxonMobil Research and Engineering Company, P.O. Box 900, Annandale, NJ 08801 (US).

(81) CA JP NO SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C11D 1/12, 3/24, 7/30, 7/06**

(11) **WO 01/70920** (13) A1

(21) PCT/US01/06471

(22) **1 Mar/mar 2001 (01.03.2001)**

(25) en (26) en

(30) 09/534,303 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CLEANING COMPOSITIONS AND USE THEREOF
• COMPOSITIONS DE NETTOYAGE ET UTILISATION CORRESPONDANTE

(71) **ASHLAND INC.** [US/US]; P.O. Box 2219, Columbus, OH 43216 (US).

(72) **HACKETT, Thomas, B.**; 2428 Merbrook Road, Columbus, OH 43235 (US).

(74) **CONNAUGHTON, Martin**; Ashland Inc., P.O. Box 2219, Columbus, OH 43216 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C11D 1/835, 3/36, 3/04, 3/34 // 1/72, 1/75, 1/62**

(11) **WO 01/70921** (13) A2

(21) PCT/US01/07144

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) en (26) en

(30) 09/528,799 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMPOSITION SUITABLE FOR REMOVING PROTEINACEOUS MATERIAL
• COMPOSITION CONVENANT A L'ELIMINATION DE MATIERES PROTEINIQUES

(71) **ECOLAB INC.** [US/US]; Ecolab Center, Saint Paul, MN 55102 (US).

(72) **KRAVITZ, Joseph, I.**; 11901 Oregon Avenue, Champlin, MN 55316 (US). **RUHR, Richard, O.**; 2864 Colbert Avenue N.W., Buffalo, MN 55313 (US). **BESSE, Michael, E.**; 7450 Winnetka Heights, Golden Valley, MN 55427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C11D 3/02, 3/18, 1/72, C23G 1/02**

(11) **WO 01/70922** (13) A1

(21) PCT/US01/08794

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,935 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AQUEOUS CLEANING COMPOSITION WITH CONTROLLED PH
• COMPOSITION DE NETTOYAGE AQUEUSE A PH REGULE

(71) **BBJ ENVIRONMENTAL SOLUTIONS INC.** [US/US]; 6802 CITICORP BLVD., SUITE 500, TAMPA, FL 33619 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCRIVEN, Herman** [US/US]; CO/ BBJ ENVIRONMENTAL SOLUTIONS INC, 6802 CITICORP BLVD. SUITE 500, TAMPA, FL 33619 (US). **BAKER, Robert** [US/US]; CO/ BBJ ENVIRONMENTAL SOLUTIONS INC., 6802 CITICORP BLVD., SUITE 500, TAMPA, FL 33619 (US). **COREY, Garland** [US/US]; 2 PEACHWOOD COURT, MILLTOWN, NJ 08850 (US).

(74) **KORNBAU, Anne, M.** et al. / etc.; Browdy and Neimark, P.L.L.C., Suite 300, 624 Ninth Street N.W., Washington, DC 20001-5303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **C11D 3/37, 3/20, 3/18, 17/04, A61K 7/50, 7/00**

(11) **WO 01/70923** (13) A1

(21) PCT/EP01/03440

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/532,700 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DUAL CHAMBER CLEANSING SYSTEM
• SYSTEME DE NETTOYAGE DOUBLE COMPARTIMENT

(71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
(only for / seulement pour AE AG AU BB BZ CA GB GD GH GM IL KE LC LK LS MN MW NZ SD SG SL TT TZ UG ZA ZW)

(71) **UNILEVER NV** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
(only for / seulement pour AL AM AT AZ BA BG BR BY CH CN CO CR CU CZ DE DK DM DZ EE ES FI GE HR HU ID IS JP KG KP KR KZ LR LT LU LV MA MD MG MK MX MZ NO PL PT RO RU SE SI SK TJ TM TR UA UZ VN YU)

(71) **HINDUSTAN LEVER LIMITED** [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, 400 020 Mumbai (IN).
(only for / seulement pour IN)

(72) **ST LEWIS, Dale**; 290 Pidgeon Hill Road, Huntington Station, New Jersey, NJ 11746 (US). **KNAGGS, Helen, Elizabeth**; Unilever Research U.S. Inc., 45 River Road, Edgewater, NJ 07020 (US).

(74) **ROTS, Maria, Johanna, Francisca** 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **C11D 3/42, 3/20**

(11) **WO 01/70924** (13) A1

(21) PCT/EP01/02984

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 00810250.1 **23 Mar/mar 2000** EP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FLUORESCENT WHITENING AGENT FORMULATION FOR DETERGENTS
• FORMULATION D'AGENT BLANCHISSANT FLUORESCENT POUR DETERGENTS

(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) **MERKLE, Gerhard** [DE/DE]; Schubertstrasse 1, 79104 Freiburg (DE). **KASCHIG, Jürgen** [DE/DE]; Rötebuckweg 30, 79104 Freiburg (DE). **ZELGER, Josef** [DE/CH]; Pfaffenlohweg 18, 4125 Riehen (CH). **SCHROEDER, Serge** [FR/FR]; 34a, rue de Village-Neuf, 68128 Rosenau (FR).

(74) **CIBA SPECIALTY CHEMICALS HOLDING INC.**; Patentabteilung, Klybeckstrasse 141, CH-4057 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **C11D 3/50, 3/20, A61K 7/46**

(11) **WO 01/70925** (13) A1

(21) PCT/EP01/03088

(22) **17 Mar/mar 2001 (17.03.2001)**

(25) de (26) de

(30) 100 13 763.6 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • USE OF AROMATIC ALCOHOL ALXOXYLATES IN DETERGENTS AND COSMETIC FORMULATIONS
• UTILISATION D'ALCOXYLATES D'ALCOOL PARFUME DANS DES AGENTS DE LAVAGE ET DE RINÇAGE ET DES PREPARATIONS COSMETIQUES

(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstr. 67, 40589 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZANDER, Lars** [DE/DE]; Cäcilienstrasse 12, 40589 Düsseldorf (DE). **GASSENMEIER, Thomas, Otto** [DE/DE]; Mannheimer Weg 16, 40229 Düsseldorf (DE).

(81) AE AG AL AM AU AZ BA BB BG BR BY BZ CA CN CO CR CU CZ DM DZ EE GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LV MA MD MG MK MN MW MX MZ NO NZ PL RO RU SD SG SI SK SL TJ TM TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C11D 17/00, 1/94, 3/20, 17/04, A61K 7/50, A45D 40/00**

(11) **WO 01/70926** (13) A1

(21) PCT/EP01/02458

(22) **5 Mar/mar 2001 (05.03.2001)**

(25) en (26) en

(30) 60/190,624 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • EXTRUDABLE MULTIPHASE COMPOSITION COMPRISING LAMELLAR PHASE INDUCING STRUCTURANT IN EACH PHASE
• COMPOSITION A PHASES MULTIPLES EXTRUDABLE COMPRENANT, DANS CHAQUE PHASE, UN AGENT STRUCTURANT INDUCTEUR DE PHASE LAMELLAIRE

(71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
(only for / seulement pour AE AG AU BB BZ CA CY GB GD GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT TZ UG ZA ZW)

(71) **UNILEVER NV** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
(only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CR CU CZ DE DK DM DZ EE ES FI FR GA GE GN GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NE NL NO PL PT RO RU SE SI SK SN TD TG TJ TM TR UA UZ VN YU)

(71) **HINDUSTAN LEVER LIMITED** [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Mumbai 400 020, Maharashtra (IN).
(only for / seulement pour IN)

(72) **MITRA, Shuman**; 5608 Croydon Avenue, San Jose, CA 95118 (US).

(74) **ROTS, Maria, Johanna, Francisca** et al. / etc.; Unilever PLC, Patent Dept., Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **C12M 1/14, 1/04**

(11) **WO 01/70927** (13) A1

(21) PCT/EP01/03268

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) de (26) de

(30) 100 14 057.2 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEVICE AND METHOD FOR THE TREATMENT OF A CULTURE PLACED IN A CULTURE FLASK WITH A GASEOUS MEDIUM AND AN EXPOSURE DEVICE
• DISPOSITIF ET PROCEDE POUR TRAITER UNE CULTURE PLACEE DANS UN CONTENANT APPROPRIE AVEC UN MILIEU GAZEUX ET DISPOSITIF D'EXPOSITION

(71, 72) **MOHR, Ulrich** [DE/DE]; Muthesiusweg 25, 30559 Hannover (DE).

(72, 75) **AUFDERHEIDE, Michaela** [DE/DE]; Bugstrasse 7, 30559 Hannover (DE).

(74) **JACOBY, Georg** et al. / etc.; Samson & Partner, Widenmayerstrasse 5, 80538 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **C12M 3/00, C12N 15/87**

(11) **WO 01/70928** (13) A1

(21) PCT/GB01/00899

(22) **2 Mar/mar 2001 (02.03.2001)**

(25) en (26) en

(30) 0006655.5 **21 Mar/mar 2000** GB **(21.03.2000)**

(30) 0100583.4 **10 Jan/jan 2001** GB **(10.01.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR ELECTROPORATION OF CELLS USING ELECTRICAL PULSES OF LONG DURATION
• PROCEDE ET APPAREIL D'ELECTROPORATION DE CELLULES UTILISANT DES IMPULSIONS ELECTRIQUES DE LONGUE DUREE

(71) **SKWARCZUK, Vanda** [GB/GB]; 17 Co-operation Street, Failsworth, Manchester M35 9AL (GB).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **SHIRKHANZADEH, Morteza** [CA/CA]; Apt. 312, 17 Eldon Hall Place, Kingston, Ontario K7M 7H5 (CA).

(74) **SKWARCZUK, Vanda**; 17 Co-operation Street, Failsworth, Manchester M35 9AL (GB).

(81) AT AU CA CU DE DK ES FI GB IS JP LU NO NZ PT RU SE SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **C12N**

(11) **WO 01/70929** (13) A2

(21) PCT/US01/08836

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,769 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 60/198,116 **18 Apr/avr 2000** US **(18.04.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TRANSGENIC PLANTS CONTAINING HEAT SHOCK PROTEIN
• PLANTES TRANSGENIQUES CONTENANT UNE PROTEINE DE CHOC THERMIQUE

(71) **ARCH DEVELOPMENT CORPORATION** [US/US]; 5640 South Ellis Avenue, Chicago, IL 60637 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LINDQUIST, Susan** [US/US]; 1200 East Madison Park, Chicago, IL 60615 (US). **QUEITSCH, Christine** [US/US]; 5118 South Kimbark Avenue, Apt. 2E, Chicago, IL 60615 (US). **VIERLING, Elizabeth** [US/US]; 6600 West Sunset Road, Tucson, AZ 85743-9227 (US).

(74) **SISTRUNK, Melissa, L.**; Fulbright & Jaworski, L.L.P., Suite 5100, 1301 McKinney, Houston, TX 77010 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N**

(11) **WO 01/70930** (13) A2

(21) PCT/US01/08920

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/190,938 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • GROWTH FACTOR BINDING MOLECULES
• MOLECULES SE LIANT A DES FACTEURS DE CROISSANCE

(63) US 60/190,938 (CIP)
21 Mar/mar 2000 (21.03.2000)

(71) **UNIVERSITY OF SOUTH FLORIDA** [US/US]; 4202 East Fowler Avenue, FAO 126, Tampa, FL 33620-7900 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SEBTI, Said, M.** [US/US]; 8957 Magnolia Chase Circle, Tampa, FL 33647 (US). **HAMILTON, Andrew, D.** [US/US]; 1 White Pine Lane, Guilford, CT 06437 (US).

(74) **VILLACORTA, Gilberto, M. Pepper Hamilton, LLP** et al. / etc.; 600 Fourteenth Street, NW, Washington, DC 20005-2004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N**

(11) **WO 01/70931** (13) A2

(21) PCT/US01/09366

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/190,962 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A MAMMALIAN OOCYTE-SPECIFIC LINKER HISTONE GENE H1OO
• GENE H1OO MAMMALIEN D'HISTONE SE LIANT SPECIFIQUEMENT A UN OOCYTE

(71) **UNIVERSITY OF UTAH RESEARCH FOUNDATION** [US/US]; 615 Arapeen Drive, Suite 110, Salt Lake City, UT 84108 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ADASHI, Eli** [US/US]; Division of Reproductive Services, Department of Obstetrics and Gynecology, University of Utah Health Sciences Center, 546 Chipeta Way, ARUP II (US). **HENNEBOLD, Jon** [US/US]; Oregon Regional Primate Research Center, Oregon Health Sciences University, 505 N.W. 185th Ave., Beaverton, OR 97006 (US). **TANAKA, Mamoru** [JP/JP]; Daigo-kenkyushitsu, Department of Obstetrics and Gynecology, 35 Shinanomachi, Shinjuku-ku, Tokyo 160-8582 (JP).

(74) **BARZEE, Eric**; Madson & Metcalf, 15 West South Temple, Suite 900, Salt Lake City, UT 84101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N**

(11) **WO 01/70932** (13) A2

(21) PCT/US01/09529

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,510 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • GENETICALLY ENGINEERED RABIES RECOMBINANT VACCINE FOR IMMUNIZATION OF STRAY DOGS AND WILDLIFE
• VACCIN RECOMBINE CONTRE LA RAGE GENETIQUEMENT MODIFIE POUR L'IMMUNISATION DE CHIENS ERRANTS ET DE LA FAUNE

(71) **THOMAS JEFFERSON UNIVERSITY** [US/US]; Suite 625, 1020 Walnut Street, Philadelphia, PA 19107 (US).

(72) **DIETZSCHOLD, Bernhard**; 3430 Goshen Road, Newtown Square, PA 19073 (US). **HOOPER, D., Craig**; 2 Oregon Trail, Medford, NJ 08055 (US). **SCHNELL, Matthias**; 7 Linden Way, Harleysville, PA 19438 (US).

(74) **SMITH, Janet, B.**; Office of University Counsel, 1020 Walnut Street, Suite 620, Philadelphia, PA 19107 (US).

(81) CA CN IL IN JP RU.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C12N 1/08**

(11) **WO 01/70933** (13) A1

(21) PCT/KR01/00471

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 2000/15206 **24 Mar/mar 2000** KR **(24.03.2000)**

(30) 2000/55968 **23 Sep/sep 2000** KR **(23.09.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MULTI-CHANNEL QUANTITATIVE CONTROL VALVE APPARATUS
• APPAREIL A VANNE DE COMMANDE QUANTITATIVE A CANAUX MULTIPLES

(71) **BIONEER CORPORATION** [KR/KR]; #124, High-Tech Park, Chuckbook-Rhi, Namee-Myun, Cheongwon-Kun, Chungcheongbuk-Do 363-810 (KR).

(72) **PARK, Han-Oh**; Bioneer Corporation, #124, High-Tech Park, Chuckbook-Rhi, Namee-Myun, Cheongwon-Kun, Chungcheongbuk-Do 363-810 (KR). **PARK, Han-Ee**; Bioneer Corporation, #124, High-Tech Park, Chuckbook-Rhi, Namee-Myun, Cheongwon-Kun, Chungcheongbuk-Do 363-810 (KR). **KWON, Nam-Sun**; Bioneer Corporation, #124, High-Tech Park, Chuckbook-Rhi, Namee-Myun, Cheongwon-Kun, Chungcheongbuk-Do 363-810 (KR).

(74) **SEO, Keun-Bok**; 1003 ho, Sungji-Heights III Building, 642-6, Yeoksam-Dong, Gangnam-Ku, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 1/16, 9/24, C12P 19/02**

(11) **WO 01/70934** (13) A1

(21) PCT/JP01/02255

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) ja (26) ja

(30) 2000-83571 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COPPER-TOLERANT YEAST AND PECTINASE PRODUCED BY THE COPPER-TOLERANT YEAST
• LEVURE TOLERANTE AU CUIVRE ET PECTINASE PRODUITE PAR LADITE LEVURE

(71) **JAPAN MARINE SCIENCE AND TECHNOLOGY CENTER** [JP/JP]; 2-15, Natsushima-Cho, Yokosuka-Shi, Kanagawa 237-0061 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ABE, Fumiyoshi** [JP/JP]; c/o Japan Marine Science and Technology Center, 2-15, Natsushima-Cho, Yokosuka-Shi, Kanagawa 237-0061 (JP). **HORIKOSHI, Koki** [JP/JP]; c/o Japan Marine Science and Technology Center, 2-15, Natsushima-Cho, Yokosuka-Shi, Kanagawa 237-0061 (JP).

(74) **NAKAMURA, Minoru** et al. / etc.; Room 646, Shin-Tokyo Bldg, 3-1, Marunouchi 3-Chome, Chiyoda-Ku, Tokyo 100-8355 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 1/20**

(11) **WO 01/70935** (13) A2

(21) PCT/DK01/00181

(22) **17 Mar/mar 2001 (17.03.2001)**

(25) en (26) en

(30) PA 2000 00474 **21 Mar/mar 2000** DK **(21.03.2000)**

(30) 60/191,307 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR SUPPLY OF STARTER CULTURES HAVING A CONSISTENT QUALITY
• PROCEDE POUR PRODUIRE DES CULTURES STARTERS DE QUALITE CONSTANTE

(71) **CHR.HANSEN A/S** [DK/DK]; P.O. Box 407, Bøge Allé 10-12, DK-2970 Hørsholm (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KRINGELUM, Børge** [DK/DK]; Vårbuen 48, DK-2750 Ballerup (DK). **KRINGEL, Maibritt** [DK/DK]; Ellegårdsvej 79, DK-2820 Gentofte (DK). **NIELSEN, Knud, Striib** [DK/US]; 3350 S. Stonegate Circle #204, New Berlin, WI 53151 (US).

(74) **CHR.HANSEN A/S**; Carsten Midskov, Manager of Intellectual Property Rights, P.O. Box 407, Bøge Allé 10-12, DK-2970 Hørsholm (DK).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 1/20, 1/32, 1/38, 9/88**

(11) **WO 01/70936** (13) A1

(21) PCT/JP01/02232

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-78484 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF CULTURING MICROORGANISM
• PROCEDE DE CULTURE DE MICRO-ORGANISMES

(71) **MITSUBISHI RAYON CO., LTD.** [JP/JP]; 6-41, Konan 1-chome, Minato-ku, Tokyo 108-8506 (JP).
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(72, 75) **RYUNO, Koichiro** [JP/JP]; c/o Chemicals Development Laboratories, Mitsubishi Rayon Co., Ltd., 10-1, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0053 (JP). **KOBAYASHI, Etsuko** [JP/JP]; c/o Chemicals Development Laboratories, Mitsubishi Rayon Co., Ltd., 10-1, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0053 (JP).

(74) **HIRAKI, Yusuke** et al. / etc.; Toranomon No.5 Mori Building 3rd floor, 17-1, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) BR CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C12N 1/20, 15/00**

(11) **WO 01/70937** (13) A1

(21) PCT/KR00/00730

(22) **6 Jul/juil 2000 (06.07.2000)**

(25) en (26) en

(30) 2000-15174 **24 Mar/mar 2000** KR **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NEW THERMOSTABLE D-STEREOSPECIFIC DIPEPTIDASE FROM BREVIBACILLUS BOSTELENSIS BCS-1 AND ITS USE AS A BIOCATALYST FOR THE SYNTHESIS OF PEPTIDES CONTAINING D-AMINO ACIDS
• NOUVELLE DIPEPTIDASE D-STEREOSPECIFIQUE THERMOSTABLE ISSUE DE BREVIBACILLUS BORSTELENSIS BCS-1 ET SON UTILISATION COMME BIOCATALYSEUR POUR LA SYNTHESE DE PEPTIDES CONTENANT DES ACIDES AMINES D

(71) **KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY** [KR/KR]; 52, Oun-dong, Yusong-ku, Taejon-si 305-333 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUNG, Moon-Hee** [KR/KR]; #6-84 Sambu Apt., Taepyung2-dong, Jung-ku, Deajeon-si 301-152 (KR). **LEE, Seung-Goo** [KR/KR]; #2-406 Songkang Green Apt., Songkang-dong, Yusung-ku, Daejeon-si 305-503 (KR). **KWON, Seok-Joon** [KR/KR]; #103-1302 Hanbit Apt., Aeun-dong, Yousung-ku, Daejeon-si 305-303 (KR). **BAEK, Dae-Heoun** [KR/KR]; #2-406 Dongsan Apt., Galma-dong, Seo-ku, Daejeon-si 305-503 (KR). **HONG, Seung-Pyo** [KR/KR]; #310-1503 Songang Green Apt., Songang-dong, Yousung-ku, Daejeon-si 305-053 (KR). **CHO, Sung-Ho** [KR/KR]; #407-35 Sambu Apt., Taepyung-dong, Jung-ku, Daejeon-si 301-150 (KR). **JUNG, Mi-Hee** [KR/KR]; 21-48 Nae-dong, Seo-ku, Daejeon-si 302-181 (KR).

(74) **LEE, Won-Hee**; 8th Fl., Sung-ji Heights II, 642-16 Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ

TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 5/06, 5/08, A61K 41/00, 51/12, A61P 35/00, G01N 33/574 // A61K 103:20, 103:00, 101:00**

(11) **WO 01/70938** (13) A1

(21) PCT/EP01/03250

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 0007088.8 **23 Mar/mar 2000** GB **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DETECTION OF IMMUNOLOGICAL MEMORY, T-CELL CONJUGATES FOR PATHOLOGY IMAGING AND THERAPY
• DETECTION DE MEMOIRE IMMUNOLOGIQUE, CONJUGUES DE CELLULES T POUR LA MISE EN IMAGE DE PATHOLOGIE ET LA THERAPIE

(71) **TORSANA ONCOLOGY SYSTEMS APS** [DK/DK]; Skodsborg Strandvej 156, DK-2942 Skodsborg (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GUNDERSEN, Hans, Jørgen, Gottlieb** [DK/DK]; Fregerslevvej 19, DK-8362 Hørning (DK). **ZEUTHEN, Jesper** [DK/DK]; Høeghsmindeparken 5, 1 tv., DK-2900 Hellerup (DK). **NIELSEN, Steen, Juel** [DK/DK]; Karlebovej 53, DK-3400 Hillerød (DK).

(74) **SMART, Peter, J.**; W.H. Beck, Greener & Co., 7 Stone Buildings, Lincoln's Inn, London WC2A 3SZ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **C12N 5/14, 5/04, 15/05, 15/82, A01H 5/00, 5/10, 1/02**

(11) **WO 01/70939** (13) A1

(21) PCT/US01/09318

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,147 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHODS FOR TRANSFORMING PLANT PLASTIDS AND MAKING TRANSPLASTOMIC PLANTS
• PROCEDE DE TRANSFORMATION DES PLASTES VEGETAUX ET PROCEDE DE FABRICATION DE VEGETAUX TRANSPLASTOMIQUES

(71) **ICON GENETICS, INC.** [US/US]; Suite 134, 66 Witherspoon Street, Princeton, NJ 08542 (US).
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(72, 75) **KUCHUK, Nickolay, V.** [UA/UA]; Uborevicha Street, 27, Apartment 145, Kiev 252179 (UA).

(74) **FOLEY, Shawn, P.** et al. / etc.; Lerner, David, Littenberg, Krumholz & Mentlik, LLP, 600 South Avenue West, Westfield, NJ 07090 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Declarations / Déclarations :
(s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations

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(51)[7] **C12N 5/22, 15/17, A61K 48/00**

(11) **WO 01/70940** (13) A1

(21) PCT/AU01/00328

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) PQ 6455 **24 Mar/mar 2000** AU **(24.03.2000)**

(30) 0007235.5 **24 Mar/mar 2000** GB **(24.03.2000)**

(30) 60/198,637 **20 Apr/avr 2000** US **(20.04.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • GENETIC CONSTRUCTS FOR REGULATED EXPRESSION OF INSULIN
• CONSTRUCTIONS GENETIQUES POUR L'EXPRESSION REGULEE DE L'INSULINE

(71) **NATIONAL CANCER CENTRE OF SINGAPORE PTE LTD** [SG/SG]; 11 Hospital Drive, Singapore 169610 (SG). **NATIONAL UNIVERSITY OF SINGAPORE** [SG/SG]; 10 Kent Ridge Crescent, Singapore 119260 (SG).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KON, Oi, Lian** [CA/SG]; 10 Melrose Drive, Singapore 358507 (SG). **CHEN, Xiang** [CN/CN]; 5 Xidayingmen, Apartment 103, Suzhou 215003 (CN). **LOK, Serene, Hwee, Loon** [SG/SG]; Block 34 Whampoa West, #02-89, Singapore 330034 (SG). **PATIL, Jawahar, G** [AU/AU]; c/- CSIRO Division of Marine Research, GPO Box 1538, Hobart, TAS 7001 (AU).

(74) **HUGHES, E., John, L.** et al. / etc.; Davies Collison Cave, Level 3, 303 Coronation Drive, Milton, QLD 4064 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 7/00, C12Q 1/70, C07K 14/15, C12Q 1/68**

(11) **WO 01/70941** (13) A2

(21) PCT/EP01/03272

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 2000 00466 **21 Mar/mar 2000** DK **(21.03.2000)**

(30) 2000 00617 **12 Apr/avr 2000** DK **(12.04.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AN INFECTIVE ENDOGENOUS RETROVIRUS AND ITS ASSOCIATION WITH DEMYELINATING DISEASES AND OTHER DISEASES
• RETROVIRUS ENDOGENE INFECTIEUX, ET MALADIES ASSOCIEES DEMIELINISANTES ET AUTRES

(71) **MS RESEARCH A/S** [DK/DK]; Mosedalvej Is, DK-2500 Valby (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHRISTENSEN, Tove** [DK/DK]; Tammerisvej 26, DK-8240 Risskov (DK). **MOLLER LARSEN, Anne** [DK/DK]; Fuglebakken 21, Strib, DK-5500 Middlefart (DK). **DISSING SORENSEN, Pernille** [DK/DK]; Jellerod Have 123, DK-2980 Kokkedal (DK). **ANDERSSON, Poul** [DK/DK]; Stockflethsuej 9,1, DK-2000 Frederiksberg (DK).

(74) **BOULT WADE TENNANT**; Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(u) for / pour US only / seulement

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(51)[7] **C12N 9/00**

(11) **WO 01/70942** (13) A2

(21) PCT/IB01/00493

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 0006733.0 **20 Mar/mar 2000** GB **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ENZYME
• ENZYME

(71) **DANISCO A/S** [DK/DK]; Langebrogade 1, P.O. Box 17, DK-1001 Copenhagen K (DK). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **POULSON, Peter** [DK/DK]; Brumleby 199, DK-2100 Copenhagen Ø (DK). **SØRENSEN, Iben, Schildt** [DK/DK]; Eriksgade 15, DK-1708 Copenhagen V (DK).

(74) **HARDING, Charles, Thomas** et al. / etc.; 21 New Fetter Lane, London EC4A 1DA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 9/16, 9/22, C12Q 1/68**

(11) **WO 01/70943** (13) A2

(21) PCT/US01/08859

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,813 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • STABLE COMPOSITION COMPRISING A NUCLEASE AND A PHOSPHATASE
• COMPOSITION STABLE COMPRENANT UNE NUCLEASE ET UNE PHOSPHATASE

(71) **USB CORPORATION** [US/US]; 26111 Miles Road, Cleveland, OH 44128 (US).

(72) **MOFFETT, Robert, B.**; 3270 Kenmore Rd., Shaker Heights, OH 44122 (US). **MULLER-GREVEN, Jeannine**; 7744 Lucretia Court, Mentor, OH 44060 (US).

(74) **MURTAUGH, John, P.** et al. / etc.; Pearne & Gordon LLP, Suite 1200, 526 Superior Avenue East, Cleveland, OH 44114-1484 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/00**

(11) **WO 01/70944** (13) A2

(21) PCT/EP01/03214

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) de (26) de

(30) 100 14 109.9 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NEMATODES AS MODEL ORGANISMS FOR THE INVESTIGATION OF NEURODEGENERATIVE DISEASES, IN PARTICULAR PARKINSONS DISEASE, USES AND METHODS FOR THE DISCOVERY OF SUBSTANCES AND GENES WHICH CAN BE USED IN THE TREATMENT OF THE ABOVE DISEASE STATES AND IDENTIFICATION OF A NEMATODE GENE.
• NEMATODES UTILISES COMME ORGANISMES MODELES SERVANT A ETUDIER DES MALADIES NEURODEGENERATIVES, NOTAMMENT LA MALADIE DE PARKINSON, ET PROCEDE POUR DECELER DES SUBSTANCES ET DES GENES QUI PEUVENT ETRE UTILISES POUR LE TRAITEMENT DE CES MALADIES, ET IDENTIFICATION D'UN GENE DE NEMATODE.

(71) **ELEGENE AG** [DE/DE]; Am Klopferspitz 19, 82152 Planegg (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HÖNER, Marius** [DE/DE]; Ehrwalder Strasse 65, 81377 München (DE). **LINK, Wolfgang** [DE/DE]; Thurgaustrasse 12, 81475 München (DE). **CASSATA, Giuseppe** [IT/DE]; Hansastrasse 75 RGB, 81373 München (DE). **BAUMEISTER, Ralf** [DE/DE]; Freilandstrasse 44a, 82194 Gröbenzell (DE). **TOVAR, Karlheinz** [DE/DE]; Schlehenweg 12, 61352 Bad Homburg (DE).

(74) **WIBBELMANN, Jobst**; Wuesthoff & Wuesthoff, Schweigerstrasse 2, 81541 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/00, C07K 14/00, 14/52, 14/245**

(11) **WO 01/70945** (13) A1

(21) PCT/US01/08798

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/190,973 **22 Mar/mar 2000** US **(22.03.2000)**

(30) 09/796,861 **1 Mar/mar 2001** US **(01.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • RECOMBINANT PROTEINS CONTAINING SHIGA-LIKE TOXIN AND VASCULAR ENDOTHELIAL GROWTH FACTOR FRAGMENTS
• PROTEINES RECOMBINANTES CONTENANT UNE TOXINE DE TYPE SHIGA ET DES FRAGMENTS DE FACTEUR DE CROISSANCE ENDOTHELIAL VASCULAIRE

(71) **SIBTECH, INC.** [US/US]; 705 Mountain Road, Newington, CT 06111 (US).

(72) **BACKER, Marina, V.**; 93 Westledge Road, W. Simsbury, CT 06092 (US). **BACKER, Joseph, M.**; 93 Westledge Road, W. Simsbury, CT 06092 (US).

(74) **GARABEDIAN, Todd, E.** et al. / etc.; Wiggin & Dana, One Century Tower, New Haven, CT 06508-1832 (US).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C12N 15/09, 1/15, C12Q 1/68**

(11) **WO 01/70946** (13) A2

(21) PCT/US01/09166

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,939 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHODS FOR DIVERSIFICATION OF SINGLE GENES *IN VIVO*
• PROCÉDÉS DE DIVERSIFICATION DE GÈNES SIMPLES IN VIVO

(71) **NEUGENESIS CORPORATION** [US/US]; Suite J, 871 Industrial Road, San Carlos, CA 94070 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CAMBARERI, Edward, B.** [US/US]; 833 Canada Road, Woodside, CA 94062 (US). **KATO, Eli, E.** [US/US]; 229 Berkeley Avenue, Irvine, CA 92612 (US).

(74) **KAWAI, Lau** et al. / etc.; Morrison & Foerster LLP, Suite 500, 3811 Valley Centre Drive, San Diego, CA 92130-2332 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/10**

(11) **WO 01/70947** (13) A2

(21) PCT/US01/08250

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 60/190,774 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR GENERATING RECOMBINANT DNA MOLECULES IN COMPLEX MIXTURES
• PROCEDE DE PRODUCTION DE MOLECULES D'ADN RECOMBINE DANS DES MELANGES COMPLEXES

(71) **MAXYGEN, INC.** [US/US]; 515 Galveston Drive, Redwood City, CA 94063 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CARR, Brian** [US/US]; 3628 Thrush Terrace, Fremont, CA 94555 (US). **YAMAMOTO, Takashi** [JP/US]; 42959 Nido Court, Fremont, CA 94539 (US). **PATTEN, Phillip, A.** [US/US]; Apartment 506, 2680 Fayette Drive, Mountain View, CA 94040 (US).

(74) **QUINE, Jonathan, Alan**; The Law Offices of Jonathan Alan Quine, P.O. Box 458, Alameda, CA 94501 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/10, C12Q 1/68**

(11) **WO 01/70948** (13) A2

(21) PCT/US01/08770

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/190,678 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHODS AND COMPOSITIONS FOR ELUCIDATING PROTEIN EXPRESSION PROFILES IN CELLS
• PROCEDES ET COMPOSITIONS SERVANT A IDENTIFIER DES PROFILS D'EXPRESSION DE PROTEINES DANS DES CELLULES

(71) **NEWLINK GENETICS** [US/US]; Iowa State University Research Park, 2901 South Loop Drive, Suite 3550, Ames, IO 50010 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **LINK, Charles, J.** [US/US]; Iowa State University Research Park, 2901 South Loop Drive, Suite 3550, Ames, IO 50010 (US). **SEREGINA, Tatiana** [US/US]; Iowa State University Research Park, 2901 South Loop Drive, Suite 3550, Ames, IO 50010 (US). **VAHANIAN, Nicholas, N.** [US/US]; Iowa State University Research Park, 2901 South Loop Drive, Suite 3550, Ames, IO 50010 (US). **HIGGINBOTHAM, James, N.** [US/US]; Iowa State University Research Park, 2901 South Loop Drive, Suite 3550, Ames, IO 50010 (US). **RAMSEY, Jay, W.** [US/US]; Iowa State University Research Park, 2901 South Loop Drive, Suite 3550, Ames, IO 50010 (US). **POWERS, Bradley, J.** [US/US]; Iowa State University Research Park, 2901 South Loop Drive, Suite 3550, Ames, IO 50010 (US). **LINK, Sachet, A.** [US/US]; Iowa State University Research Park, 2901 South Loop Drive, Suite 3550, Ames, IO 50010 (US). **YOUNG, Won, Bin** [US/US]; Iowa State University Research Park, 2901 South Loop Drive, Suite 3550, Ames, IO 50010 (US).

(74) **NEBEL, Heidi, S.**; Zarley, McKee, Thomte, Voorhees & Sease, Suite 3200, 801 Grand Avenue, Des Moines, IA 50309-2721 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/11, 15/63**

(11) **WO 01/70949** (13) A1

(21) PCT/AU01/00297

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) PQ 6363 **17 Mar/mar 2000** AU **(17.03.2000)**

(30) PR 2700 **24 Jan/jan 2001** AU **(24.01.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • GENETIC SILENCING
• EXTINCTION GENETIQUE

(71) **BENITEC AUSTRALIA LTD** [AU/AU]; Level 4, 62 Pitt Street, Sydney, New South Wales 2000 (AU). **THE STATE OF QUEENSLAND THROUGH ITS DEPARTMENT OF PRIMARY INDUSTRIES** [AU/AU]; 80 Ann Street, Brisbane, Queensland 4000 (AU).
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(72, 75) **GRAHAM, Michael, Wayne** [AU/AU]; 12 Lant Street, Chapel Hill, Queensland 4069 (AU). **RICE, Robert, Norman** [AU/AU]; 39 Foley Place, Sinnamon Park, Queensland 4073 (AU). **MURPHY, Kathleen, Margaret** [AU/AU]; 51 Annie Street, Rocklea, Queensland 4106 (AU). **REED, Kenneth, Clifford** [AU/AU]; 12 Fifth Avenue, St Lucia, Queensland 4067 (AU).

(74) **HUGHES, E., John, L.** et al. / etc.; Davies Collison Cave, Level 3, 303 Coronation Drive, Milton, Queensland 4064 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/11, 9/64, A61K 31/7088, A61P 35/00**

(11) **WO 01/70950** (13) A2

(21) PCT/CA01/00366

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/190,088 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ANTISENSE INHIBITING MELANOMA INVASION AND FUNCTIONAL ANALOGS THEREOF
• ANTISENS INHIBANT L'INVASION DE MELANOME ET ANALOGUES FONCTIONNELS DE CELUI-CI

(71) **MCGILL UNIVERSITY** [CA/CA]; 845 Sherbrooke Street West, Montréal, Québec H3A 2T5 (CA).
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(72, 75) **BRODT, Pnina** [CA/CA]; 6519 Merton Road, Montréal, Québec H4C 1C3 (CA). **DURKO, Margaret** [CA/CA]; 5350 MacDonald Avenue, Apt. 1205, Côte St-Luc, Québec H3X 3V2 (CA).

(74) **COTE, France** et al. / etc.; Swabey Ogilvy Renault, Suite 1600, 1981 McGill College Avenue, Montréal, Québec H3A 2Y3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/11, A61K 31/713, C12Q 1/68, G01N 33/68, C07K 7/08, 16/18, A61K 48/00, A01K 67/027 // A61P 31/12**

(11) **WO 01/70951** (13) A2

(21) PCT/DE01/01068

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) de (26) de

(30) 100 15 413.1 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AGENT FOR THE DIAGNOSIS AND THERAPY OF VIRAL DISEASES
• MOYEN DE DIAGNOSTIC ET DE THERAPIE DE MALADIES VIRALES

(71) **MAX-DELBRÜCK-CENTRUM FÜR MOLEKULARE MEDIZIN** [DE/DE]; Robert-Rössle-Strasse 10, 13125 Berlin (DE).
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(72, 75) **ROYER, Hans-Dieter** [DE/DE]; Am Botanischen Garten 31, 40225 Düsseldorf (DE). **JÜRCHOTT, Karsten** [DE/DE];

Herderstrasse 12, 15345 Altlandsberg (DE). **BERGMANN, Stephan** [DE/DE]; Corinthstrasse 28, 10245 Berlin (DE).

(74) **BAUMBACH, Fritz**; Robert-Rössle-Strasse 10, 13125 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/11, 15/12, 15/62, C07K 14/47, 16/18**

(11) **WO 01/70952** (13) A1

(21) PCT/EP01/03148

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 00106111.8 **21 Mar/mar 2000** EP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HUMAN GATA-5 TRANSCRIPTION FACTOR
• FACTEUR DE TRANSCRIPTION HUMAIN GATA-5

(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) **WILM, Claudia** [DE/DE]; Dahlienweg 24, 64291 Darmstadt (DE).

(74) **MERCK PATENT GMBH**; 64271 Darmstadt (DE).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **C12N 15/11, 9/00, A61K 31/00, 38/00, C12Q 1/68**

(11) **WO 01/70953** (13) A2

(21) PCT/EP01/03312

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 00106468.2 **24 Mar/mar 2000** EP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • RESTENOSIS TREATMENT
• TRAITEMENT DE LA RESTENOSE

(71) **MICROMET AG** [DE/DE]; Am Klopferspitz 19, 82152 Martinsried/Planegg (DE).
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(72, 75) **ZOHLNHÖFER, Dietlind** [DE/DE]; Tumblingerstr. 36, 80337 München (DE). **BÄUERLE, Patrick** [DE/DE]; Vogelsangstr. 13A, 82152 Gauting (DE). **KLEIN, Christoph** [DE/DE]; Ohlstädterstr. 38, 81373 München (DE). **NEUMANN, Franz-Josef** [DE/DE]; Knöbelstr. 27, 80538 München (DE).

(74) **VOSSIUS & PARTNER**; Siebertstr. 4, 81675 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/11, 15/12, 9/00, C07K 14/705, C12Q 1/68, A61K 31/711, 38/17, G01N 33/68**

(11) **WO 01/70954** (13) A2

(21) PCT/EP01/03337

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,766 **24 Mar/mar 2000** US **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • REGULATION OF HUMAN NERVE GROWTH FACTOR-ELATED G PROTEIN-COUPLED RECEPTOR
• REGULATION DU RECEPTEUR COUPLE A LA PROTEINE G LIEE AU FACTEUR DE CROISSANCE NEURONALE HUMAIN

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).
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(72, 75) **RAMAKRISHNAN, Shyam** [IN/US]; 76 Euston Road, Apt. #10, Brighton, MA 02135 (US).

(74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/11, C12Q 1/68, C12N 15/31, C07K 14/195, A61K 31/7088, C07K 16/12**

(11) **WO 01/70955** (13) A2

(21) PCT/US01/09180

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/191,078 **21 Mar/mar 2000** US **(21.03.2000)**

(30) 60/206,848 **23 May/mai 2000** US **(23.05.2000)**

(30) 60/207,727 **26 May/mai 2000** US **(26.05.2000)**

(30) 60/242,578 **23 Oct/oct 2000** US **(23.10.2000)**

(30) 60/253,625 **27 Nov/nov 2000** US **(27.11.2000)**

(30) 60/257,931 **22 Dec/déc 2000** US **(22.12.2000)**

(30) 60/269,308 **16 Feb/fév 2001** US **(16.02.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • IDENTIFICATION OF ESSENTIAL GENES IN PROKARYOTES
• IDENTIFICATION DE GENES ESENTIELS DANS DES PROCARYOTES

(71) **ELITRA PHARMACEUTICALS, INC.** [US/US]; Suite A, 3510 Dunhill Street, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HASELBECK, Robert** [US/US]; 4672 El Cerrito Drive, San Diego, CA 92115 (US). **OHLSEN, Kari, L.** [US/US]; 3560 Vista de la Orilla, San Diego, CA 92117 (US). **ZYSKIND, Judith, W.** [US/US]; 8415 La Jolla Scenic Drive, La Jolla, CA 92037 (US). **WALL, Daniel** [US/US]; 3734 Brookshire Street, San Diego, CA 92111 (US). **TRAWICK, John, D.** [US/US]; 7975 Michelle Drive, La Mesa, CA 91942 (US). **CARR, Grant, J.** [US/US]; 2210 Sonrisa Glen, Escondido, CA 92029 (US). **YAMAMOTO, Robert, T.** [US/US]; 3725 Norte Dame Avenue, San Diego, CA 92122 (US). **XU, H., Howard** [US/US]; 11142 Ivy Hill Drive, San Diego, CA 92131 (US).

(74) **HART, Daniel**; Knobbe, Martens, Olson & Bear, LLP, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(q2)*

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(51)[7] **C12N 15/12, C07K 14/435, A61K 38/17**

(11) **WO 01/70956** (13) A1

(21) PCT/CN01/00354

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) zh (26) zh

(30) 00 1 15035.9 **22 Mar/mar 2000** CN **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN DNA MISMATCH REPAIR PROTEIN 8 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE
• NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE DE REPARATION 8 DU MESAPPARIEMENT DE L'ADN, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 3rd Building, 12th Floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
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(72, 75) **MAO, Yumin** [CN/CN]; 3rd Building, 12th Floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 3rd Building, 12th Floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **WATSON & BAND LAW OFFICES**; 11th Floor, 61 Nanjing Road (E), Shanghai 200002 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(u) for / pour US only / seulement

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(51)[7] **C12N 15/12, C07K 14/435, A61K 38/17**

(11) **WO 01/70957** (13) A1

(21) PCT/CN01/00355

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) zh (26) zh

(30) 00 1 15036.7 **22 Mar/mar 2000** CN **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN DNA MISMATCH REPAIR PROTEIN 9.4 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE
• NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE DE REPARATION 9.4 DU MESAPPARIEMENT DE L'ADN, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
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(72, 75) **MAO, Yumin** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **WATSON & BAND LAW OFFICES**; 61 Nanjing Road (E), 11th floor, Shanghai 200002 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(u) for / pour US only / seulement

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(51)[7] **C12N 15/12, C07K 14/435, A61K 38/17**

(11) **WO 01/70958** (13) A1

(21) PCT/CN01/00356

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) zh (26) zh

(30) 00 1 15043.X **22 Mar/mar 2000** CN **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN DNA MISMATCH REPAIR PROTEIN 15 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE
• NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE DE REPARATION 15 DU MESAPPARIEMENT DE L'ADN, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 12F, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **WATSON & BAND LAW OFFICES**; 61 Nanjing Road (E), 11th floor, Shanghai 200002 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(u) for / pour US only / seulement

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(51)[7] **C12N 15/12, C07K 14/435, A61K 38/17**

(11) **WO 01/70959** (13) A1

(21) PCT/CN01/00367

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) zh (26) zh

(30) 00 1 15025.1 **22 Mar/mar 2000** CN **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN REGULATORY TRANSCRIPTION FACTOR 10 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE
• NOUVEAU POLYPEPTIDE, FACTEUR HUMAIN 10 DE REGULATION DE LA TRANSCRIPTION, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 12F, 3rd Building, No. 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 12F, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12F, 3rd Building, No. 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN).

(74) **WATSON & BAND LAW OFFICES**; 61 Nanjing Road (E), 11th floor, Shanghai 200002 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(u) for / pour US only / seulement

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(51)[7] **C12N 15/12, C07K 14/435, A61K 38/17**

(11) **WO 01/70960** (13) A1

(21) PCT/CN01/00369

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) zh (26) zh

(30) 00 1 15023.5 **22 Mar/mar 2000** CN **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN DNA MISMATCH REPAIR GENE PROTEIN 13 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE
• NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE DE REPARATION 13 DU MESAPPARIEMENT DE L'ADN, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Rd., Shanghai 200092 (CN).
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(72, 75) **MAO, Yumin** [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **WATSON & BAND LAW OFFICES**; 61 Nanjing Rd (E.), 11th Floor, Shanghai 200002 P.R. (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US

(u) for / pour US only / seulement

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(51)[7] **C12N 15/12, C07K 14/435, A61K 38/17**

(11) **WO 01/70961** (13) A1

(21) PCT/CN01/00371

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) zh (26) zh

(30) 00 1 15021.9 **22 Mar/mar 2000** CN **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN MICROTUBULIN FOLDING FACTOR C16 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE
• NOUVEAU POLYPEPTIDE, COFACTEUR TUBULINE C16, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **WATSON & BAND LAW OFFICES**; 61 Nanjing Road (E), 11th floor, Shanghai 200002 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(u) for / pour US only / seulement

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(51)[7] **C12N 15/12, C07K 14/435, A61K 38/17**

(11) **WO 01/70962** (13) A1

(21) PCT/CN01/00373

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) zh (26) zh

(30) 00 1 15019.7 **22 Mar/mar 2000** CN **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN PLASMINOGEN ACTIVATOR INHIBITOR 10 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE
• NOUVEAU POLYPEPTIDE, INHIBITEUR HUMAIN DES ACTIVATEURS DU PLASMINOGENE 10, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Rd., Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **WATSON & BAND LAW OFFICES**; 61 Nanjing Rd (E.), 11th Floor, Shanghai 200002 P.R. (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(u) for / pour US only / seulement

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(51)[7] **C12N 15/12, C07K 14/435, A61K 38/17**

(11) **WO 01/70963** (13) A1

(21) PCT/CN01/00375

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) zh (26) zh

(30) 00 1 15017.0 **22 Mar/mar 2000** CN **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN CLOTTING FACTOR IX-10 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE
• NOUVEAU POLYPEPTIDE, FACTEUR HUMAIN DE COAGULATION SANGUINE IX-10, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **WATSON & BAND LAW OFFICES**; 61 Nanjing Road (E), 11th floor, Shanghai 200002 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(u) for / pour US only / seulement

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(51)[7] **C12N 15/12, C07K 14/435, A61K 38/17**

(11) **WO 01/70964** (13) A1

(21) PCT/CN01/00377

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) zh (26) zh

(30) 00 1 15063.4 **22 Mar/mar 2000** CN **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN GLUCOSE TRANSPORT LIKE PROTEIN 18 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE
• NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE DE TRANSPORT DE GLUCOSE 18, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Rd., Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Rd., Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Rd., Shanghai 200092 (CN).

(74) **WATSON & BAND LAW OFFICES**; 61 Nanjing Rd. (E), 11th floor, Shanghai 200002 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(u) for / pour US only / seulement

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(51)[7] **C12N 15/12, C07K 14/435, A61K 38/17**

(11) **WO 01/70965** (13) A1

(21) PCT/CN01/00379

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) zh (26) zh

(30) 00 1 15053.7 **22 Mar/mar 2000** CN **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN REGULATORY TRANSCRIPTION FACTOR 15 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE
• NOUVEAU POLYPEPTIDE, FACTEUR HUMAIN DE REGULATION DE LA TRANSCRIPTION 15, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 3rd Building, 12th floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 3rd Building, 12th floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 3rd Building, 12th Floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **WATSON & BAND LAW OFFICES**; 11th Floor, 61 Nanjing Road (E), Shanghai 200002 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(u) for / pour US only / seulement

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(51)[7] **C12N 15/12, C07K 14/435, A61K 38/17**

(11) **WO 01/70966** (13) A1

(21) PCT/CN01/00406

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) zh (26) zh

(30) 00 1 15086.3 **24 Mar/mar 2000** CN **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN CLATHRIN LIGHT CHAIN 11 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE
• NOUVEAU POLYPEPTIDE, CHAINE LEGERE DE CLATHRINE HUMAINE 11, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12F, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Published / Publiée : *(c)*

Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG); (t) for the following designation / pour la désignation suivante : US; (t) for the following designation / pour la désignation suivante : US

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(51)[7] **C12N 15/12, C07K 14/705, C12N 15/63, 5/10, C12P 21/00, C12Q 1/68, A61K 38/17, A61P 25/00**

(11) **WO 01/70967** (13) A2

(21) PCT/EP01/03117

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/190,104 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 60/210,975 **12 Jun/juin 2000** US **(12.06.2000)**

(30) 60/255,110 **14 Dec/déc 2000** US **(14.12.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • REGULATION OF HUMAN SEROTONIN-LIKE G PROTEIN-COUPLED RECEPTOR
• REGULATION DU RECEPTEUR HUMAIN COUPLE A LA PROTEINE G SEMBLABLE A SEROTONINE

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAMAKRISHNAN, Shyam** [IN/US]; 76 Euston Road, Apt. #10, Brighton, MA 02135 (US).

(74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/12, C07K 14/745, 14/755, C12N 15/57, 9/64, A61K 38/36, 38/37, 38/48, 48/00, A61P 7/04**

(11) **WO 01/70968** (13) A2

(21) PCT/EP01/03220

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 00106225.6 **22 Mar/mar 2000** EP **(22.03.2000)**

(30) 60/203,249 **8 May/mai 2000** US **(08.05.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PRODUCTION OF RECOMBINANT BLOOD CLOTTING FACTORS IN HUMAN CELL LINES
• PRODUCTION DE FACTEURS DE COAGULATION SANGUINE RECOMBINES DANS DES LIGNEES DE CELLULES HUMAINES

(71) **OCTAGENE GMBH** [DE/DE]; Romanstr. 95, 80639 Munich (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAUSER, Charlotte** [DE/DE]; Romanstr. 95, 80639 Munich (DE). **HÖRSTER, Andrea** [DE/DE]; Aindorfer Str. 91c, 80689 Munich (DE). **SCHRÖDER, Carola** [DE/DE]; Waldgartenstr. 31, 81377 Munich (DE). **LEHNERER, Michael** [DE/DE]; Leonrodstr. 78 IV, 80636 Munich (DE).

(74) **HELBING, Jörg** et al. / etc.; Von Kreisler Selting Werner, Postfach 10 22 41, 50462 Köln (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/12, C07K 14/705, C12Q 1/68, G01N 33/68, 33/50, A61K 48/00 // A61P 5/00, 25/00**

(11) **WO 01/70969** (13) A2

(21) PCT/EP01/03223

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/191,103 **22 Mar/mar 2000** US **(22.03.2000)**

(30) 60/210,745 **12 Jun/juin 2000** US **(12.06.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • REGULATION OF HUMAN LATROPHILIN-LIKE G PROTEIN-COUPLED RECEPTOR
• REGULATION DU RECEPTEUR HUMAIN COUPLE A LA PROTEINE G SEMBLABLE A LATROPHILINE

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAMAKRISHNAN, Shyam** [IN/US]; 76 Euston Road, Apt. #10, Brighton, MA 02135 (US).

(74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI

FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/12, C07K 14/72, C12N 1/21, C12Q 1/68, G01N 33/68, A61K 38/00**

(11) **WO 01/70970** (13) A2

(21) PCT/EP01/03338

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,717 **24 Mar/mar 2000** US **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • REGULATION OF HUMAN OPSIN-RELATED G PROTEIN-COUPLED RECEPTOR

• REGULATION DU RECEPTEUR COUPLE A LA PROTEINE G ASSOCIE A L'OPSINE CHEZ L'HOMME

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAMAKRISHNAN, Shyam** [IN/US]; 76 Euston Road, Apt. #10, Brighton, MA 02135 (US).

(74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/12, C07K 14/705, C12N 15/63, 5/10, C12Q 1/68, A61K 38/17**

(11) **WO 01/70971** (13) A2

(21) PCT/EP01/03340

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,719 **24 Mar/mar 2000** US **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • REGULATION OF HUMAN MAS ONCOGENE-RELATED G PROTEIN-COUPLED RECEPTOR

• REGULATION DU RECEPTEUR COUPLE A LA PROTEINE G ASSOCIEE A L'ONCOGENE MAS HUMAIN

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAMAKRISHNAN, Shyam** [IN/US]; 76 Euston Road, Apt. #10, Brighton, MA 02135 (US).

(74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/12, C07K 14/47, C12Q 1/68, A01K 67/027, G01N 33/68, C12N 5/10**

(11) **WO 01/70972** (13) A2

(21) PCT/IB01/00578

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,738 **24 Mar/mar 2000** US **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MULTIPLE HUMAN AND MOUSE OTOFERLIN ISOFORMS

• ISOFORMES MULTIPLES DU GENE OTOFERLIN HUMAIN ET MURIN

(71) **INSTITUT PASTEUR** [FR/FR]; 28, rue du Docteur Roux, F-75724 Cedex 15 Paris (FR). **CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE-CNRS** [FR/FR]; 3, rue Michel Ange, F-75794 Cedex 16 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YASUNAGA, Shin'ichiro** [JP/FR]; 28, rue du Docteur Roux, F-75724 Cedex 15 Paris (FR). **GRATI, M'hamed** [TN/FR]; 45A, Boulevard Jourdan, F-75014 Paris (FR). **COHEN-SALMON, Martine** [FR/FR]; 24, rue de la Glacière, F-75013 Paris (FR). **EL AMRAOUI, Aziz** [MA/FR]; 17, rue du Faubourg du Temple, F-75010 Paris (FR). **PETIT, Christine** [FR/FR]; 2, rue Amélie, F-92350 Le Plessis-robinson (FR). **WEIL, Dominique** [FR/FR]; 11, rue de Javel, F-75015 Paris (FR).

(74) **CABINET ORES**; 6, avenue de Messine, F-75015 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/12, C07K 14/435, C12P 21/02, C08G 85/00, D01F 4/00**

(11) **WO 01/70973** (13) A1

(21) PCT/JP01/01733

(22) **6 Mar/mar 2001 (06.03.2001)**

(25) ja (26) ja

(30) 2000-84141 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PRECURSORS OF SILK-LIKE MATERIALS, SILK-LIKE MATERIALS AND PROCESSES FOR PRODUCING BOTH

• PRECURSEURS DE MATIERES DE TYPE SOIE, MATIERES DE TYPE SOIE ET PROCEDE DE PRODUCTION DESDITS PRECURSEURS ET DESDITES MATIERES

(71) **JAPAN as represented by PRESIDENT OF TOKYO UNIVERSITY OF AGRICULTURE AND TECHNOLOGY** [JP/JP]; 3-8-1, Harumi-cho, Fuchu-shi, Tokyo 183-8538 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ASAKURA, Tetsuro** [JP/JP]; c/o Faculty of Technology Tokyo University of Agriculture and Technology, 2-24-16, Nakacho, Koganei-shi, Tokyo 184-0012 (JP).

(74) **TAKITA, Seiki** et al. / etc.; 7th Floor, Okano building, 41-12, Kabukicho 2-chome, Shinjuku-ku, Tokyo 160-0021 (JP).

(81) CA CN IN JP KR US.

(84) EP (DE FR GB IT).

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(51)[7] **C12N 15/12, C07K 14/47, 16/18, C12Q 1/68, A61K 38/17, 31/711, 48/00, 45/00, A61P 3/10, 3/04, 35/00, 9/10, 3/06, 25/00, 43/00, A61K 39/395, G01N 33/53, 33/50, 33/15**

(11) **WO 01/70974** (13) A1

(21) PCT/JP01/02279

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) ja (26) ja

(30) 2000-88595 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NOVEL PROTEIN, PROCESS FOR PRODUCING THE SAME AND USE THEREOF

• NOUVELLE PROTEINE, SON PROCEDE DE PRODUCTION ET D'UTILISATION

(71) **TAKEDA CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TANIYAMA, Yoshio** [JP/JP]; 501, Takeda Kasuga Heights, 7-9, Kasuga 1-chome, Tsukuba-shi, Ibaraki 305-0821 (JP). **KITA, Shunbun** [JP/JP]; 12-12, Kannoucho, Nishinomiya-shi, Hyogo 662-0823 (JP). **KOMIYAMA, Tomoko** [JP/JP]; 12-1-602, Matsushiro 3-chome, Tsukuba-shi, Ibaraki 305-0035 (JP).

(74) **TAKAHASHI, Shuichi** et al. / etc.; Osaka Plant of Takeda Chemical Industries, Ltd., 17-85, Jusohonmachi 2-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0024 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/12, C07K 14/705, 16/28, C12N 1/15, 1/19, 5/10, C12P 21/02, C12Q 1/02, A61K 45/00, A61P 3/04, 25/00**

(11) **WO 01/70975** (13) A1

(21) PCT/JP01/02343

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-88588 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NOVEL MELANIN CONCENTRATING HORMONE RECEPTOR
• NOUVEAU RECEPTEUR D'HORMONE CONCENTRANT LA MELANINE

(71) **YAMANOUCHI PHARMACEUTICAL CO., LTD.** [JP/JP]; 3-11, Nihonbashi-Honcho 2-chome, Chuo-ku, Tokyo 103-8411 (JP). **HELIX RESEARCH INSTITUTE** [JP/JP]; 1532-3, Yana, Kisarazu-shi, Chiba 292-0812 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KURAMA, Takeshi** [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). **MATSUMOTO, Shunichiro** [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). **TAKASAKI, Jun** [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). **MATSUMOTO, Mitsuyuki** [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). **KAMOHARA, Masazumi** [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). **SAITO, Tetsu** [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). **ODA, Tamaki** [JP/JP]; 392-203, Nagasuka, Kisarazu-shi, Chiba 292-0054 (JP). **SAITO, Youko** [JP/JP]; 4-5-13-103, Higashiota, Kisarazu-shi, Chiba 292-0043 (JP).

(74) **SHIMIZU, Hatsushi** et al. / etc.; Kantetsu Tsukuba Bldg. 6F, 1-1-1, Oroshi-machi, Tsuchiura-shi, Ibaraki 300-0847 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/12, C07K 14/47, C12N 15/62, C07K 16/18, C12Q 1/68, G01N 33/53, A61K 39/00, 39/395**

(11) **WO 01/70976** (13) A2

(21) PCT/US01/09062

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,710 **21 Mar/mar 2000** US **(21.03.2000)**

(30) 60/213,748 **22 Jun/juin 2000** US **(22.06.2000)**

(30) 60/257,276 **19 Dec/déc 2000** US **(19.12.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMPOSITIONS AND METHODS FOR THE THERAPY AND DIAGNOSIS OF OVARIAN AND ENDOMETRIAL CANCER
• COMPOSITIONS ET PROCEDES DE THERAPIE ET DE DIAGNOSTIC DU CANCER DES OVAIRES ET DE L'ENDOMETRE

(71) **CORIXA CORPORATION** [US/US]; Suite 200, 1124 Columbia Street, Seattle, WA 98104 (US).
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(72, 75) **XU, Jiangchun** [US/US]; 15805 S.E. 43rd Place, Bellevue, WA 98006 (US). **PYLE, Ruth, A.** [US/US]; 100 N.E. 62nd Street, Seattle, WA 98115 (US). **STOLK, John, A.** [US/US]; 7436 Northeast 144th Place, Bothell, WA 98011 (US).

(74) **POTTER, Jane, E., R.**; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/12, 15/62, 15/86, 5/16, C07K 14/71, 16/28, A01K 67/027, G01N 33/68, A61K 38/17, 31/711, 49/00**

(11) **WO 01/70977** (13) A2

(21) PCT/US01/09073

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,379 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FIBROBLAST GROWTH FACTOR RECEPTOR-LIKE MOLECULES AND USES THEREOF
• MOLECULES ANALOGUES AU RECEPTEUR DU FACTEUR DE CROISSANCE DU FIBROBLASTE, ET LEURS UTILISATIONS

(63) US 60/191,379 (CON) 22 Mar/mar 2000 (22.03.2000)

(71) **AMGEN, INC.** [US/US]; One Amgen Center Drive, Thousand Oaks, CA 91320-1799 (US).
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(71, 72) **SARIS, Christiaan, M.** [NE/US]; 4027 Colonett Place, Newbury Park, CA 91320 (US). **MU, Sharon, X.** [US/US]; 2954 Rikkard Drive, Thousand Oaks, CA 91362 (US). **XIA, Min** [CA/US]; 3946 Calle Buena Vista, Newbury Park, CA 91320 (US). **BOONE, Thomas, Charles** [US/US]; 3010 Deer Valley Avenue, Newbury Park, CA 91320 (US). **COVEY, Todd** [US/US]; 12060 Alderbrook Street, Moorpark, CA 93021 (US).

(74) **NOONAN, Kevin, E.**; McDonnell Boehnen Hulbert & Berghoff, Suite 3200, 300 South Wacker Drive, Chicago, IL 60606 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/12, 15/10, 15/66, C07K 14/47, 16/18, C12Q 1/68, G01N 33/574**

(11) **WO 01/70978** (13) A2

(21) PCT/US01/09093

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,835 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 60/190,768 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 60/190,972 **22 Mar/mar 2000** US **(22.03.2000)**

(30) 60/191,199 **22 Mar/mar 2000** US **(22.03.2000)**

(30) 60/191,947 **24 Mar/mar 2000** US **(24.03.2000)**

(30) 60/192,665 **28 Mar/mar 2000** US **(28.03.2000)**

(30) 60/192,657 **28 Mar/mar 2000** US **(28.03.2000)**

(30) 60/192,984 **28 Mar/mar 2000** US **(28.03.2000)**

(30) 60/192,664 **28 Mar/mar 2000** US **(28.03.2000)**

(30) 60/192,836 **29 Mar/mar 2000** US **(29.03.2000)**

(30) 60/193,843 **31 Mar/mar 2000** US **(31.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
• NOUVEAUX POLYPEPTIDES ET ACIDES NUCLEIQUES CODANT CES POLYPEPTIDES

(63) US 60/193,843 (CIP) 31 Mar/mar 2000 (31.03.2000)
US 60/190,835 (CIP) 20 Mar/mar 2000 (20.03.2000)
US 60/190,768 (CIP) 20 Mar/mar 2000 (20.03.2000)
US 60/190,972 (CIP) 22 Mar/mar 2000 (22.03.2000)
US 60/191,199 (CIP) 22 Mar/mar 2000 (22.03.2000)
US 60/191,947 (CIP) 24 Mar/mar 2000 (24.03.2000)
US 60/192,665 (CIP) 28 Mar/mar 2000 (28.03.2000)
US 60/192,657 (CIP) 28 Mar/mar 2000 (28.03.2000)
US 60/192,984 (CIP) 28 Mar/mar 2000 (28.03.2000)
US 60/192,664 (CIP) 28 Mar/mar 2000 (28.03.2000)
US 60/192,836 (CIP) 29 Mar/mar 2000 (29.03.2000)

(71) **CURAGEN CORPORATION** [US/US]; 555 Long Wharf Drive, 11th floor, New Haven, CT 06511 (US).
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(72, 75) **TAUPIER, Raymond, J., Jr.** [US/US]; 47 Holmes Street, East Haven, CT 06512 (US). **MAJUMDER, Kumud** [US/US]; 140 Silver Hill Lane, Stamford, CT 06905 (US). **SPADERNA, Steven, K.** [US/US]; 261 Deerfield Drive, Berlin, CT 06037 (US). **SMITHSON, Glenda** [US/US]; 81 Main Street, 32A, Branford, CT 06405 (US). **MEZES, Peter, S.** [CA/US]; 7 Clark's Lane, Old Lyme, CT 06371 (US). **VERNET, Corine, A., M.** [FR/US]; 1739 Foxon Road, Box L, North Branford, CT 06471 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/12, C07K 14/47, C12Q 1/68, C07K 16/18, G01N 33/68, 33/574 // A61P 15/08, 35/00**

(11) **WO 01/70979** (13) A2

(21) PCT/US01/09126

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/191,031 **21 Mar/mar 2000** US **(21.03.2000)**

(30) 60/207,124 **25 May/mai 2000** US **(25.05.2000)**

(30) 60/211,940 **15 Jun/juin 2000** US **(15.06.2000)**

(30) 60/216,820 **7 Jul/juil 2000** US **(07.07.2000)**

(30) 60/220,661 **25 Jul/juil 2000** US **(25.07.2000)**

(30) 60/257,672 **21 Dec/déc 2000** US **(21.12.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NOVEL GENES, COMPOSITIONS, KITS, AND METHOD FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY OF OVARIAN CANCER
• NOUVEAUX GENES, COMPOSITIONS, TROUSSES ET METHODES D'IDENTIFICATION, DE VERIFICATION, DE PREVENTION ET DE TRAITEMENT DU CANCER DES OVAIRES

(71) **MILLENNIUM PREDICTIVE MEDICINE, INC.** [US/US]; One Kendall Square Bldg. 700, Cambridge, MA 02139 (US).

(72) **LEE, John**; 119 Walnut Street, Somerville, MA 02145 (US). **LILLIE, James**; 3 Wild-Meadow Lane, Natick, MA 01760 (US).

(74) **SMITH, DeAnn, F.** et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(q2)*

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(51)[7] **C12N 15/12, C07K 14/435, 14/705, 16/18, C12N 5/10, C12Q 1/68, G01N 33/50**

(11) **WO 01/70980** (13) A2

(21) PCT/US01/09341

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,638 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 09/618,893 **18 Jul/juil 2000** US **(18.07.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ISOLATED G-PROTEIN COUPLED RECEPTORS, NUCLEIC ACID MOLECULES ENCODING GPCR PROTEINS, AND USES THEREOF AS INSECTICIDAL TARGETS
• RECEPTEURS ISOLES COUPLES A LA PROTEINE G, MOLECULES D'ACIDES NUCLEIQUES CODANT DES PROTEINES GPCR ET LEURS UTILISATIONS EN TANT QUE CIBLES INSECTICIDES

(71) **PE CORPORATION (NY)** [US/US]; Robert A. Millman, Assistant Secretary, 761 Main Avenue, Norwalk, CT 06859 (US).

(72) **CRAVCHIK, Anibal**; Celera, 45 West Gude Drive, Rockville, MD 20850 (US).

(74) **MILLMAN, Robert, A.**; Celera Genomics Corp., 45 West Gude Drive C2-4, Rockville, MD 20850 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/12, C07K 14/705, 14/435, C12N 15/63, 5/10, C12P 21/00, G01N 33/53, A01K 67/027**

(11) **WO 01/70981** (13) A2

(21) PCT/US01/09505

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,691 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NUCLEIC ACIDS AND POLYPEPTIDES OF INVERTEBRATE G-PROTEIN COUPLED RECEPTORS AND METHODS OF USE
• ACIDES NUCLEIQUES ET POLYPEPTIDES DE RECEPTEURS COUPLES AUX PROTEINES-G D'INVERTEBRES ET PROCEDES D'UTILISATION

(71) **GENOPTERA, LLC** [US/US]; P.O. Box 511, 170 Harbor Way, South San Francisco, CA 94083-0511 (US).
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(72, 75) **EBENS, Allen, James, Jr.** [US/US]; 1786 27th Avenue, San Francisco, CA 94122 (US). **TORPEY, Justin** [US/US]; 277 Jersey Street, San Francisco, CA 94114 (US). **KEEGAN, Kevin, Patrick** [US/US]; 1408 Sayre Street, San Leandro, CA 94579 (US).

(74) **BORDEN, Paula, A.**; Bozicevic, Field & Francis LLP, 200 Middlefield Road, Suite 200, Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/12, 15/11, C07K 14/47, A61K 31/713, C12Q 1/68, G01N 33/68 // C12N 9/90, A61P 35/00**

(11) **WO 01/70982** (13) A2

(21) PCT/US01/09559

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/536,058 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BRCA-1 REGULATORS AND METHODS OF USE
• REGULATEURS DE BRCA-1 ET PROCEDES D'UTILISATION

(63) US 09/536,058 (CIP) 23 Mar/mar 2000 (23.03.2000)

(71) **IMMUSOL INCORPORATED** [US/US]; 10790 Roselle Street, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **BEGER, Carmela** [DE/DE]; Kronsberger Strasse 20, 30559 Hanover (DE).

(72, 75) **BARBER, Jack** [US/US]; 11168 Charlota Street, San Diego, CA 92129 (US). **WONG-STAAL, Flossie** [US/US]; 12737 Monterey Cypress Way, San Diego, CA 92130 (US).

(74) **REITER, Stephen, E.** et al. / etc.; Foley & Lardner, 23rd Floor, 402 W. Broadway, San Diego, CA 92101-3542 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/13, C07K 16/18, A61K 39/395**

(11) **WO 01/70983** (13) A1

(21) PCT/CN01/00365

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) zh (26) zh

(30) 00 1 15042.1 **22 Mar/mar 2000** CN **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN PROSTATE SPECIFIC MEMBRANE ANTIBODY PROTEINE 9 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE
• NOUVEAU POLYPEPTIDE, PROTEINE ANTIGENE PROSTATIQUE SPECIFIQUE MEMBRANAIRE 9, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Rd., Shanghai 200092 (CN).
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(72, 75) **MAO, Yumin** [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **WATSON & BAND LAW OFFICES**; 61 Nanjing Rd (E.), 11th Floor, Shanghai 200002 P.R. (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(u) for / pour US only / seulement

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(51)[7] **C12N 15/13, 15/70, G01N 33/53, 33/68, C07K 16/28, A61K 39/395, C12N 15/62, 1/21, A61P 31/00, 7/00**

(11) **WO 01/70984** (13) A2

(21) PCT/US01/07501

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) en (26) en

(30) 60/189,775 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ANTI-TISSUE FACTOR ANTIBODIES WITH ENHANCED ANTICOAGULANT POTENCY
• ANTICORPS DE FACTEUR ANTI-TISSULAIRE A POUVOIR ANTICOAGULANT AMELIORE

(71) **GENENTECH, INC.** [US/US]; 1 DNA Way, South San Francisco, CA 94080-4990 (US).

(72) **KIRCHHOFER, Daniel, K.**; 326 S. Springer Road, Los Altos, CA 94024 (US). **LOWE, David, G.**; 35 Via Delizia, Hillsborough, CA 94010 (US). **PRESTA, Leonard, G.**; 1900 Gough Street, #206, San Francisco, CA 94109 (US).

(74) **KUBINEC, Jeffrey, S.** et al. / etc.; Genentech, INC., 1 DNA Way, South San Francisco, CA 94080-4990 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/16, 15/62, C07K 14/575, 14/55, A61K 38/00**

(11) **WO 01/70985** (13) A2

(21) PCT/US01/09284

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,457 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BI-FUNCTIONAL CANCER TREATMENT AGENTS
• AGENTS DE TRAITEMENT BI-FONCTIONNELS DU CANCER

(63) US 60/191,457 (CIP) 23 Mar/mar 2000 (23.03.2000)

(71) **GREENVILLE HOSPITAL SYSTEM** [US/US]; 712 Grove Road, Greenville, SC 29605-4295 (US).
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(72, 75) **CHEN, Wen, Y.** [CN/US]; 107 E. Brookwood Drive, Clemson, SC 29631 (US). **WAGNER, Thomas, E.** [US/US]; 104 Golden Wings Way, Greer, SC 29650 (US).

(74) **SCHILL, Charles, F.**; Foley & Lardner, 3000 K. Street, N.W., Suite 500, Washington, DC 20007-5109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/19, C07K 14/52, C12N 15/62, 5/10, A01K 67/027, C12Q 1/68, G01N 33/68, C07K 16/24**

(11) **WO 01/70986** (13) A2

(21) PCT/US01/08493

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/527,843 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 09/558,459 **25 Apr/avr 2000** US **(25.04.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HELICAL PROTEIN ZALPHA51
• PROTEINE HELICOIDALE ZALPHA51

(71) **ZYMOGENETICS, INC.** [US/US]; 1201 Eastlake Avenue East, Seattle, WA 98102 (US).

(72) **CONKLIN, Darrell, C.**; 117 East Louisa Street #421, Seattle, WA 98102 (US). **PRESNELL, Scott, R.**; 2902 North Puget Sound Avenue, Tacoma, WA 98407 (US).

(74) **SAWISLAK, Deborah, A.**; ZymoGenetics, Inc., 1201 Eastlake Avenue East, Seattle, WA 98102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU

TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/29, 15/82, C07K 14/415, C12N 1/21, 5/10, C07K 16/16, C12Q 1/68**

(11) **WO 01/70987** (13) A2

(21) PCT/US01/08709

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/190,160 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NOVEL INFLORESCENCE MERISTEM DEVELOPMENT GENE, PROMOTER, AND METHODS OF USE FOR SAME
• NOUVEAU GENE DE DEVELOPPEMENT DE MERISTEME D'INFLORESCENCE, PROMOTEUR, ET PROCEDE D'UTILISATION

(71) **COLD SPRING HARBOR LABORATORY** [US/US]; P.O. Box 100, Cold Spring Harbor, NY 11724 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JACKSON, David, P.** [US/US]; P.O. Box 100, Cold Spring Harbor, NY 11724 (US). **TAGUCHI SHIOBARA, Fumio** [US/US]; P.O. Box 100, Cold Spring Harbor, NY 11724 (US). **HAKE, Sarah** [US/US]; P.O. Box 100, Cold Spring Harbor, NY 11724 (US). **YUAN, Zhuang** [US/US]; P.O. Box 100, Cold Spring Harbor, NY 11724 (US).

(74) **NEBEL, Heidi, S.**; Zarley, McKee, Thomte, Voorhees & Sease, Suite 3200, 801 Grand Avenue, Des Moines, IA 50309-2721 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/29, 15/82, 15/11, 1/21, 5/10, A01H 5/00, G01N 33/68, A01N 65/00, 63/00**

(11) **WO 01/70988** (13) A2

(21) PCT/US01/08728

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/191,649 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 60/250,710 **1 Dec/déc 2000** US **(01.12.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • RECEPTORS FOR HYPERSENSITIVE RESPONSE ELICITORS AND USES THEREOF
• RECEPTEURS D'ELICITEURS A REPONSE HYPERSENSIBLE ET LEUR UTILISATION

(71) **EDEN BIOSCIENCE CORPORATION** [US/US]; 11816 North Creek Parkway N., Bothell, WA 98011-8205 (US).

(72) **SONG, Xiaoling**; 14110 NE 179th Street, Apt. 75, Woodinville, WA 98072 (US). **FAN, Hao**; 19712 6th Drive S.E., Bothell, WA 98012 (US). **WEI, Zhong-Min**; 8230 125th Court, Kirkland, WA 98034 (US).

(74) **GOLDMAN, Michael, L.** et al. / etc.; Nixon Peabody LLP, Clinton Square, P.O. Box 31051, Rochester, NY 14603-1051 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/31, 15/82, C07K 14/195, C02F 3/32, B09C 1/00, A61K 38/16, A01H 5/00**

(11) **WO 01/70989** (13) A2

(21) PCT/BE01/00049

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 00870051.0 **22 Mar/mar 2000** EP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • GENETICALLY MODIFIED PLANTS AND PLANT CELLS COMPRISING HETEROLOGOUS HEAVY METAL TRANSPORT AND COMPLEXATION PROTEINS
• PLANTES GENETIQUEMENT MODIFIEES ET CELLULES VEGETALES COMPORTANT DES PROTEINES HETEROLOGUES DE COMPLEXATION ET DE TRANSPORT DE METAUX LOURDS

(71) **VLAAMSE INSTELLING VOOR TECHNOLOGISCH ONDERZOEK (VITO)** [BE/BE]; Boeretang 200, B-2400 Mol (BE). **LIMBURGS UNIVERSITAIR CENTRUM** [BE/BE]; Universitaire Campus, B-3590 Diepenbeek (BE). **VRIJE UNIVERSITEIT BRUSSEL** [BE/BE]; Pleinlaan 2, B-1040 Brussels (BE).
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(71, 72) **KÄRENLAMPI, Sirpa, Orvokki** [FI/FI]; Ahmantie 12, FIN-70400 Kuopio (FI). **TERVAHAUTA, Arja, Irmeli** [FI/FI]; Erenpolku 2 as. 2, FIN-74700 Kiuruvesi (FI).

(72, 75) **BORREMANS, Brigitte** [BE/BE]; Tiensesteenweg 346, B-3360 Bierbeek (BE). **BOUSMANS, Nathalie** [BE/BE]; Smoutmolen 15, B-1640 Sint-Genesius-Rode (BE). **JACOBS, Michel** [BE/BE]; Albertlaan 189, B-1190 Brussels (BE). **MERGEAY, Maximilien** [BE/BE]; Peperstraat 30, B-2470 Retie (BE). **VAN DER LELIE, Daniël** [BE/BE]; Boeretang 246, B-2400 Mol (BE). **VANGRONSVELD, Jaco** [BE/BE]; Kloosterstraat 2, bus 22, B-3590 Diepenbeek (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 BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/31, 15/74, 1/21**

(11) **WO 01/70990** (13) A1

(21) PCT/FR01/00836

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) fr (26) fr

(30) 00/03578 **21 Mar/mar 2000** FR **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NUCLEIC ACID SEQUENCES COMPRISING AT LEAST A PHAGE-RESISTANCE MECHANISM, PLASMIDS CONTAINING SAME, LACTIC ACID BACTERIA AND USE
• SEQUENCES D'ACIDE NUCLEIQUE COMPRENANT AU MOINS UN MECANISME DE RESISTANCE AUX PHAGES, PLASMIDES LES CONTENANT, BACTERIES LACTIQUES ET UTILISATION

(71) **SKW NATURE PRODUCTS HOLDING FRANCE SAS** [FR/FR]; 4, place des Ailes, F-92100 Boulogne (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PREVOTS, Fabien** [FR/FR]; 12 Domaine de Beauregard, F-31450 Donnevlle (FR). **TOLOU, Sandrine** [FR/FR]; 23, rue des Lauriers, F-31650 Saint Orens (FR).

(74) **GILLARD, Marie-Louise** et al. / etc.; Cabinet Beau de Loménie, 158, rue de l'Université, F-75340 Paris Cedex 07 (FR).

(81) AU CA NZ US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(m)*

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(51)[7] **C12N 15/31, 15/62, C07K 14/35, 14/74, 14/02, 14/725, A61K 39/04, 31/713, C12N 5/08, G01N 33/53, 33/569**

(11) **WO 01/70991** (13) A1

(21) PCT/GB01/01210

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 0006693.6 **20 Mar/mar 2000** GB **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • VACCINE AGAINST MYCOBACTERIUM INFECTION BASED ON EPITOPES OF AG85 COMPLEX

- VACCIN CONTRE L'INFECTION PAR LE *MYCOBACTERIUM TUBERCULOSIS* BASÉ SUR DES ÉPITOPES DU COMPLEXE AG85

(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) **KLEIN, Michel, Robert** [NL/GM]; Medical Research Council Laboratories, Fajara (GM).

(74) **WOODS, Geoffrey, Corlett**; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5LX (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **C12N 15/31, C07K 14/285, A61K 39/102**

(11) **WO 01/70992** (13) A1

(21) PCT/NL01/00229

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 00201045.2 **21 Mar/mar 2000** EP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- PROTEINS AND POLYPEPTIDES FROM HAEMOPHILUS INFLUENZA INVOLVED IN PARACYTOSIS, NUCLEOTIDE SEQUENCES ENCODING THEM AND USES THEREOF
- PROTEINES ET POLYPEPTIDES DU HAEMOPHILUS INFLUENZAE INTERVENANT DANS LA PARACYTOSE, SEQUENCES NUCLEOTIDIQUES CODANT POUR EUX ET LEURS UTILISATIONS

(71) **DE STAAT DER NEDERLANDEN vertegenwoordigd door de MINISTER VAN WELZIJN, VOLKSGEZONDHEID EN CULTUUR** [NL/NL]; P.O. Box 5406, NL-2280 HK Rijswijk (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAN SCHILFGAARDE, Muriel** [NL/NL]; RIVM, P.O. Box 1, NL-3720 BA Bilthoven (NL). **VAN ALPHEN, Aloysius, Joannes, Wilhelmus** [NL/NL]; RIVM, P.O. Box 1, NL-3720 BA Bilthoven (NL).

(74) **JORRITSMA, Ruurd**; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **C12N 15/53, 9/02, 15/63, 5/10, C12P 21/00, G01N 33/50, 33/573, C12Q 1/68, 1/26, A61K 38/44**

(11) **WO 01/70993** (13) A2

(21) PCT/CA01/00398

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 2,301,158 **24 Mar/mar 2000** CA **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- POLYNUCLEOTIDES THAT CONTROL DELTA-6-DESATURASE GENES AND METHODS FOR IDENTIFYING COMPOUNDS FOR MODULATING DELTA-6-DESATURASE
- POLYNUCLEOTIDES AGISSANT SUR DES GENES DE DESATURASE-DELTA-6 ET TECHNIQUES D'IDENTIFICATION DE COMPOSES PERMETTANT DE MODULER LA DESATURASE-DELTA-6

(71) **SCOTIA HOLDINGS PLC** [GB/GB]; 40 Town Hill, London, Greater London EC3N 4BB (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WINTHER, Michael, David** [CA/CA]; 10 Anderson Blvd., Kentville, Nova Scotia B4N 5G9 (CA). **SMITH, Heidi, Lynn** [CA/CA]; 20 Glenview Avenue, Kentville, Nova Scotia B4N 2R5 (CA). **ALLEN, Stephen, John** [CA/CA]; 9049 Commercial St., Suite 150, New Minas, Nova Scotia B4N 5A4 (CA). **PONTON, Andre** [CA/CA]; 15 Oakwood Drive, Kingston, Nova Scotia B0P 1R0 (CA). **DE ANTUENO, Roberto, Justo** [CA/CA]; 1520 Ashlee Dr., Coldbrook, Nova Scotia B4R 1A1 (CA).

(74) **HELLER, David, J.**; Ridout & Maybee, One Queen Street East, Suite 2400, Toronto, Ontario M5C 3B1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/53, 9/04, C07K 14/435, A61K 38/44**

(11) **WO 01/70994** (13) A1

(21) PCT/CN01/00400

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) zh (26) zh

(30) 00 1 15090.1 **24 Mar/mar 2000** CN **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- A NOVEL POLYPEPTIDE, A HUMAN DIHYDROPYRIDINE DICARBOXYLIC ACID DEHYDROGENASE 18 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE
- NOUVEAU POLYPEPTIDE, DIHYDROPYRIDINE DICARBOXYLATE DESHYDROGENASE HUMAINE 18, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Published / Publiée : *(c)*

Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG); (t) for the following designation / pour la désignation suivante : US
(u) for / pour US only / seulement

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(51)[7] **C12N 15/53, 15/77, C12P 13/08**

(11) **WO 01/70995** (13) A1

(21) PCT/EP00/06303

(22) **5 Jul/juil 2000 (05.07.2000)**

(25) en (26) en

(30) 09/531,269 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- PROCESS FOR THE FERMENTATIVE PREPARATION OF L-AMINO ACIDS WITH AMPLIFICATION OF THE ZWF GENE
- PROCEDE POUR LA PREPARATION FERMENTATIVE D'ACIDES AMINES L AVEC AMPLIFICATION DU GENE ZWF

(71) **DEGUSSA AG** [DE/DE]; Bennigsenplatz 1, 40474 Düsseldorf (DE). **FORSCHUNGSZENTRUM JÜLICH GMBH** [DE/DE]; 52425 Jülich (DE). **NATIONAL UNIVERSITY OF IRELAND** [IE/IE]; Galway (IE).

(72) **BURKE, Kevin**; 5, Greenfield Road, Newcastle, Galway, County Galway (IE). **SAHM, Hermann**; Wendelinusstrasse 71, 52428 Jülich (DE). **EGGELING, Lothar**; Elsenkamp 6, 52428 Jülich (DE). **MORITZ, Bernd**; Schattbachstrasse 1, 44801 Bochum (DE). **DUNICAN, L., K.** (deceased / décédé).**MCCORMACK, Ashling**; Moate Road, Athlone, County Westmeath (IE). **STAPELTON, Cliona**; 27, Railway View, Roscrea, County Tipperary (IE). **MÖCKEL, Bettina**; Benrodestrasse 35, 40597 Düsseldorf (DE). **THIERBACH, Georg**; Gunststrasse 21, 33613 Bielefeld (DE).

(81) AU BR CA CN HU ID JP KR MX PL RU SK UA ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **C12N 15/53, 15/52, C12S 1/02, G10G 32/00, C12N 1/21, 9/02 // (C12N 1/21, C12R 1:01, 1:19, 1:46)**

(11) **WO 01/70996** (13) A1

(21) PCT/ES01/00112

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) es (26) es

(30) P 200000661 **20 Mar/mar 2000** ES **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR DESULFURIZATION OF DIBENZOTHIOPHENE USING A RECOMBINANT PSEUDOMONAS PUTIDA STRAIN AS BIOCATALYST

• PROCEDE DE DESULFURISATION DE DIBENZOTHIOPHENE UTILISANT COMME BIOCATALYSEUR UNE SOUCHE DE PSEUDOMONAS PUTIDA RECOMBINEE

(71) **CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS** [ES/ES]; Calle Serrano, 117, E-28006 Madrid (ES). **UNIVERSIDAD COMPLUTENSE DE MADRID** [ES/ES]; Ciudad Universitaria, Avda. Séneca, 2, E-28040 Madrid (ES). **UNIVERSIDAD DE ALCALÁ** [ES/ES]; Plaza de San Diego, s/n, E-28801 Alcalá de Henares (Madrid) (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GALÁN SICILIA, Beatriz** [ES/ES]; Centro Investigaciones Biologícas, Consejo Superior de Investigaciones Científicas, Calle Valazques, 144, E-28006 Madrid (ES). **DÍAZ FERNÁNDEZ, Eduardo** [ES/ES]; Centro Investigaciones Biologícas, Consejo Superior de Investigaciones Científicas, Calle Velazquez, 144, E-28006 Madrid (ES). **FERRÁNDEZ BARCA, Abel** [ES/ES]; Centro Investigaciones Biologícas, Consejo Superior de Investigaciones Científicas, Calle Velazquez, 144, E-28006 Madrid (ES). **PRIETO JIMÉNEZ, María, Auxiliadora** [ES/ES]; Centro Investigaciones Biológicas, Consejo Superior de Investigaciones Científicas, Calle Velazquez, 144, E-28006 Madrid (ES). **GARCÍA LÓPEZ, José, Luis** [ES/ES]; Centro Investigaciones Biológicas, Consejo Superior de Investigaciones Científicas, Calle Velazquez, 144, E-28006 Madrid (ES). **GARCIA-OCHOA SORIA, Félix** [ES/ES]; Universidad Complutense de Madrid, Ciudad Universitaria, Avda. Seneca, 2, E-28040 Madrid (ES). **GARCÍA CALVO, Eloy** [ES/ES]; Universidad de Alcala, Plaza de San Diego, s/n, E-28801 Alcala de Henares (Madrid) (ES).

(74) **OJEDA GARCÍA, Pedro**; Consejo Superior de Investigaciones Científicas, Calle Serrano, 113, E-28006 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/55, 9/48, 5/10, C12Q 1/68, G01N 33/50, A61K 48/00, 9/00**

(11) **WO 01/70997** (13) A2

(21) PCT/EP01/03331

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,716 **24 Mar/mar 2000** US **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • REGULATION OF HUMAN LEUCINE AMINOPEPTIDASE-LIKE ENZYME

• REGULATION DE L'ENZYME DU TYPE LEUCINE AMINOPEPTIDASE HUMAINE

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAMAKRISHNAN, Shyam** [IN/US]; 76 Euston Road, Apt. #10, Brighton, MA 02135 (US). **XIAO, Yonghong** [US/US]; 78 Dana Street, Apt. #1, Cambridge, MA 02138 (US).

(74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/56, 9/24, 9/42, 1/15, A61K 38/47, A61P 3/06, A23K 1/165, A01H 5/00, C12P 19/14 // (C12N 1/15, C12R 1:185)**

(11) **WO 01/70998** (13) A1

(21) PCT/EP01/03174

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 00302263.9 **20 Mar/mar 2000** EP **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TALAROMYCES EMERSONII BETA-GLUCANASES

• BÊTA-GLUCANASES ISSUES DE *TALAROMYCES EMERSONII*

(71) **DSM N.V.** [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAN DEN HOMBERGH, Johannes, Petrus, Theodorus, Wilhelmus** [NL/NL]; Meentweg 77, NL-3454 AR De Meern (NL). **VAN DER LAAN, Jan-Metske** [NL/NL]; Leursebaan 364, NL-4839 AP Breda (NL). **DARAN, Jean-Marc, Georges** [NL/FR]; 7, rue Barberousse, Appartement 28, F-59800 Lille (FR). **HERWEIJER, Margareta, Adriana** [NL/NL]; Roelofsstraat 43, NL-2596 VK Den Haag (NL). **TEUFEL, Daniel, Paul** [DE/DE]; Itzlings 27, 88145 Hergatz (DE).

(74) **WRIGHT, Simon, Mark**; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5LX (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/57, C07K 14/745**

(11) **WO 01/70999** (13) A1

(21) PCT/CN01/00171

(22) **26 Feb/fév 2001 (26.02.2001)**

(25) zh (26) zh

(30) 00 1 11956.7 **10 Mar/mar 2000** CN **(10.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NOVEL POLYPEPTIDE --- THE AMYLOID PRECURSOR PROTEIN --- BINDING PROTEIN AND POLYNUCLEOTIDE ENCODING IT

• NOUVEAU POLYPEPTIDE, PROTEINE DE LIAISON 13 D'UNE PROTEINE PRECURSEUR DE TYPE AMIDINE, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 3rd Building, 12th floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 3rd Building, 12th floor, 1111 Zhongshan Bei Er Road,

Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 3rd Building, 12th Floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **C12N 15/57, C07K 14/745**

(11) **WO 01/71000** (13) A1

(21) PCT/CN01/00181

(22) **26 Feb/fév 2001 (26.02.2001)**

(25) zh (26) zh

(30) 00 1 11971.0 **10 Mar/mar 2000** CN **(10.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NOVEL POLYPEPTIDE--- A ZNT-1-22 AND POLYNUCLEOTIDE ENCODING IT

• NOUVEAU POLYPEPTIDE, ZNT-1-22, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **C12N 15/57, 9/64, C07K 14/435, A61K 38/48**

(11) **WO 01/71001** (13) A1

(21) PCT/CN01/00357

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) zh (26) zh

(30) 00 1 15044.8 **22 Mar/mar 2000** CN **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN TYROSINASE 15 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE

• NOUVEAU POLYPEPTIDE, TYROSINASE HUMAINE 15, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **WATSON & BAND LAW OFFICES**; 61 Nanjing Rd (E), 11th Floor, Shanghai 200002 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(u) for / pour US only / seulement

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(51)[7] **C12N 15/57, 9/64, C07K 14/435, A61K 38/48**

(11) **WO 01/71002** (13) A1

(21) PCT/CN01/00402

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) zh (26) zh

(30) 00 1 15081.2 **24 Mar/mar 2000** CN **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN UBIQUITIN CARBOXYLIC ACID TERMINAL HYDROLASE 11 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE

• NOUVEAU POLYPEPTIDE, UBIQUITINE HYDROLASE HUMAINE A TERMINAISON CARBOXYLE 11, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th Floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Published / Publiée : *(c)*

Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG); (t) for the following designation / pour la désignation suivante : US
(u) for / pour US only / seulement

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(51)[7] **C12N 15/57, 9/64, C07K 14/435, A61K 38/48**

(11) **WO 01/71003** (13) A1

(21) PCT/CN01/00404

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) zh (26) zh

(30) 00 1 15084.7 **24 Mar/mar 2000** CN **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN SERINE PROTEASE 8 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE

• NOUVEAU POLYPEPTIDE, SERINE PROTEASE HUMAINE 8, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW

MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Published / Publiée : *(c)*

Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf 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; (u) for / pour US only / seulement

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(51)[7] **C12N 15/57, 9/64, 9/48, 1/21, 5/10, A01K 67/027, C12N 15/00, C07K 16/40, C12Q 1/68, A61K 38/48, C12Q 1/37**

(11) **WO 01/71004** (13) A2

(21) PCT/US01/08441

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,708 **17 Mar/mar 2000 (17.03.2000)** US

(30) 60/193,182 **30 Mar/mar 2000 (30.03.2000)** US

(30) 60/197,086 **14 Apr/avr 2000 (14.04.2000)** US

(30) 60/199,022 **20 Apr/avr 2000 (20.04.2000)** US

(30) 60/200,227 **28 Apr/avr 2000 (28.04.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROTEASES
• PROTEASES

(71) **INCYTE GENOMICS, INC.** [US/US]; 3160 Porter Drive, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YUE, Henry** [US/US]; 826 Lois Avenue, Sunnyvale, CA 94087 (US). **LU, Dyung, Aina, M.** [US/US]; 233 Coy Drive, San Jose, CA 95123 (US). **POLICKY, Jennifer, L.** [US/US]; 4864 National Avenue, San Jose, CA 95124 (US). **DELEGEANE, Angelo, M.** [US/US]; 594 Angus Drive, Milpitas, CA 95035 (US). **TRIBOULEY, Catherine, M.** [FR/US]; 1121 Tennessee Street #5, San Francisco, CA 94107 (US). **KHAN, Farrah, A.** [IN/US]; 333 Escuela Avenue #221, Mountain View, CA 94040 (US). **AU-YOUNG, Janice** [US/US]; 233 Golden Eagle Lane, Brisbane, CA 94005 (US). **BANDMAN, Olga** [US/US]; 366 Anna Avenue, Mountain View, CA 94043 (US). **LAL, Preeti** [IN/US]; P.O. Box 5142, Santa Clara, CA 95056 (US). **BOROWSKY, Mark, L.** [US/US]; 122 Orchard Avenue, Redwood City, CA 94061 (US). **GANDHI, Ameena, R.** [US/US]; 837 Roble Avenue #1, Menlo Park, CA 94025 (US). **HILLMAN, Jennifer, L.** [US/US]; 230 Monroe Drive #17, Mountain View, CA 94040 (US). **TANG, Y., Tom** [US/US]; 4230 Ranwick Court, San Jose, CA 95118 (US). **BURFORD, Neil** [GB/US]; 105 Wildwood Circle, Durham, CT 06422 (US). **BAUGHN, Mariah, R.** [US/US]; 14244 Santiago Road, San Leandro, CA 94577 (US). **NGUYEN, Danniel, B.** [US/US]; 1403 Ridgewood Drive, San Jose, CA 95118 (US). **YAO, Monique, G.** [US/US]; 111 Frederick Court, Mountain View, CA 94043 (US). **WALIA, Narinder, K.** [US/US]; 890 Davis Street. #25, San Leandro, CA 94577 (US). **HE, Ann** [CN/US]; 4601 Catalina Drive, San Jose, CA 95129 (US). **HAFALIA, April** [US/US]; 2227 Calle de Primavera, Santa Clara, CA 95054 (US). **LU, Yan** [CN/US]; 3885 Corrina Way, Palo Alto, CA 94303 (US). **PATTERSON, Chandra** [US/US]; 490 Sherwood Way #1, Menlo Park, CA 94025 (US).

(74) **HAMLET-COX, Diana** et al. / etc.; Incyte Genomics, Inc., 3160 Porter Drive, Palo Alto, CA 94304 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/62, C07K 19/00, C12N 15/85, 5/10, A61K 39/395, 47/48, 38/17, 48/00, A61P 31/00, 35/00, 37/00, G01N 33/53, C12Q 1/68 // C07K 14/705, 16/28, 16/46, 14/47**

(11) **WO 01/71005** (13) A2

(21) PCT/EP01/03414

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 00106467.4 **24 Mar/mar 2000 (24.03.2000)** EP

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MULTIFUNCTIONAL POLYPEPTIDES COMPRISING A BINDING SITE TO AN EPITOPE OF THE NKG2D RECEPTOR COMPLEX
• POLYPEPTIDES MULTIFONCTIONNNELS COMPORTANT UN SITE DE FIXATION D'UN DU COMPLEXE RECEPTEUR NKG2D

(71, 72) **KUFER, Peter** [DE/DE]; Am Kapellenacker 13, 85368 Moosburg (DE).

(72, 75) **RIETHMÜLLER, Gert** [DE/DE]; Finauerstrasse 12, 80805 München (DE). **LUTTERBÜSE, Ralf** [DE/DE]; Taimerhofstrasse 8, 81927 München (DE). **BORSCHERT, Katrin** [DE/DE]; Zaubzerstrasse 14, 81677 München (DE). **KISCHEL, Roman** [DE/DE]; Kurt-Eisner-Strasse 25, 81735 München (DE). **MAYER, Monika** [DE/DE]; Am Brühl 17, 87724 Ottobeuren (DE). **HOFMEISTER, Robert** [DE/DE]; Jakob-Huber-Strasse 6, 82110 Germering (DE).

(74) **VOSSIUS & PARTNER**; Siebertstrasse 4, 81675 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/63**

(11) **WO 01/71006** (13) A2

(21) PCT/EP01/03412

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) de (26) de

(30) 100 14 690.2 **24 Mar/mar 2000 (24.03.2000)** DE

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR ISOLATING IN VITRO DIFFERENTIATED SOMATIC CELLS
• PROCEDE D'ISOLATION DE CELLULES SOMATIQUES DIFFERENCIEES IN VITRO

(71, 72) **FRANZ, Wolfgang, M.** [DE/DE]; Gautingerstr. 15, 82234 Wessling (DE).

(74) **KINZEBACH, Werner** et al. / etc.; Reitstötter, Kinzebach & Partner, Sternwartstr. 4, 81679 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/63, C12Q 1/68, A01K 67/027**

(11) **WO 01/71007** (13) A2

(21) PCT/JP01/02296

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 2000-80955 **22 Mar/mar 2000 (22.03.2000)** JP

(30) 2001-62371 **6 Mar/mar 2001 (06.03.2001)** JP

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • GENETIC POLYMORPHISM OF MxA PROTEIN AND USE THEREOF
• POLYMORPHISME GENETIQUE DE LA PROTEINE ET SON UTILISATION

(71) **KABUSHIKI KAISHA TOSHIBA** [JP/JP]; 72, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 210-8572 (JP).

(72) **HIJIKATA, Minako**; 102, Park-House-Tamagawaminami-Nibankan, 26-2, Shimomaruko 4-chome, Ota-ku, Tokyo 146-0092 (JP). **MISHIRO, Shunji**; 301, Akebonocho-Mansion, 24-9, Honkomagome 1-chome, Bunkyo-ku, Tokyo 113-0021 (JP). **OHTA, Yasuhiko**; 13-11, Arai 1-chome, Nakano-ku, Tokyo 165-0026 (JP). **HASHIMOTO, Koji**; 4-12-703, Sagamihara 4-chome, Sagamihara-shi, Kanagawa 229-0031 (JP).

(74) **SUZUYE, Takehiko** et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) ID.

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(51)[7] **C12N 15/63, 15/85, 15/87, 15/86, 15/88, C12Q 1/68, C12P 19/34, C07H 21/02, 21/04, 21/00**

(11) **WO 01/71008** (13) A1

(21) PCT/US01/08259

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/527,154 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ANTISENSE INHIBITION OF ADAM10 EXPRESSION
• INHIBITION ANTISENS DE L'EXPRESSION DE ADAM10

(71) **ISIS PHARMACEUTICALS, INC.** [US/US]; 2292 Faraday Avenue, Carlsbad, CA 92008 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CONDON, Thomas, P.** [US/US]; 2450 Mark Circle, Carlsbad, CA 92008 (US). **FLOURNOY, Shin, Cheng** [US/US]; 10960 Sunset Ridge Drive, San Diego, CA 92131 (US).

(74) **LICATA, Jane, Massey** et al. / etc.; Licata & Tyrrell P.C., 66 E. Main Street, Marlton, NJ 08053 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/63, C12Q 1/68**

(11) **WO 01/71009** (13) A2

(21) PCT/US01/08947

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/190,196 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • WHOLE-BODY OPTICAL IMAGING OF GENE EXPRESSION AND USES THEREOF
• IMAGERIE OPTIQUE CORPS ENTIER DE L'EXPRESSION GENIQUE ET UTILISATIONS CORRESPONDANTES

(71) **ANTICANCER, INC.** [US/US]; 7917 Ostrow Street, San Diego, CA 92111-3604 (US).

(72) **YANG, Meng**; 6699 Beadnell Way, #207, San Diego, CA 92117 (US). **BARANOV, Eugene**; 8324 Regents, 1F, San Diego, CA 92122 (US).

(74) **MURASHIGE, Kate, H.** et al. / etc.; Morrison & Foerster LLP, 3811 Valley Centre Drive, Suite 500, San Diego, CA 92130-2332 (US).

(81) AU CA JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C12N 15/63, 5/10, 1/20, 15/00, C07H 21/04**

(11) **WO 01/71010** (13) A1

(21) PCT/US01/09087

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,615 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • YEAST PROTEIN METHYLTRANSFERASE HSL7P
• PROTEINE DE LEVURE METHYLTRANSFERASE HSL7P

(71) **UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY** [US/US]; 60 Bergen Street, Newark, NJ 07107-3000 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PESTKA, Sidney** [US/US]; 82 Brookside Terrace, West Caldwell, NJ 07006 (US). **COOK, Jeffry, R.** [US/US]; 9 Raleigh Road, Kendall Park, NJ 08824 (US). **KINZY, Terri, Goss** [US/US]; 892 Eisenhower Avenue, Bridgewater, NJ 08807 (US). **LEE, Jin-Hyung** [US/US]; 99 Marvin Lane, Piscataway, NJ 08854 (US). **NORRIS, David** [US/US]; 89 Sayre Drive, Princeton, NJ 08540 (US). **POLLACK, Brian, P.** [US/US]; 126 Harper Street, Highland Park, NJ 08904 (US).

(74) **MUCCINO, Richard, R.**; 758 Springfield Avenue, Summit, NJ 07901 (US).

(81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/74 // C12R 1/225**

(11) **WO 01/71011** (13) A1

(21) PCT/EP00/03099

(22) **23 Mar/mar 2000 (23.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • VECTORS FOR THE GENETIC TRANSFORMATION OF LACTOBACILLUS SAKEI
• VECTEURS POUR LA TRANSFORMATION GENETIQUE DU LACTOBACILLUS SAKEI

(71) **INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE** [FR/FR]; 147, rue de l'Université, F-75338 Paris (FR).
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(72, 75) **GORY, Laure** [FR/FR]; Dempeyre, F-43700 Coubon (FR). **MONTEL, Marie-Christine** [FR/FR]; 14, rue Gray Bouliagua, F-15000 Aurillac (FR). **ZAGOREC, Monique** [FR/FR]; 86, rue Charles de Gaulle, F-78350 Jouy En Josas (FR).

(74) **VIALLE-PRESLES, Marie-José** et al. / etc.; Cabinet Ores, 6, avenue de Messine, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/77, 15/53, 9/02, C12P 13/08**

(11) **WO 01/71012** (13) A1

(21) PCT/EP00/06299

(22) **5 Jul/juil 2000 (05.07.2000)**

(25) en (26) en

(30) 09/531,265 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS FOR THE FERMENTATIVE PREPARATION OF L-AMINO ACIDS WITH AMPLIFICATION OF THE GND GENE
• PROCEDE DE PREPARATION PAR FERMENTATION DE L-AMINOACIDES AVEC AMPLIFICATION DU GENE GND

(71) **DEGUSSA AG** [DE/DE]; Bennigsenplatz 1, 40474 Düsseldorf (DE). **NATIONAL UNIVERSITY OF IRELAND** [IE/IE]; Galway (IE).

(72) **DUNICAU, L., K.** (deceased / décédé).**MCCORMACK, Ashling**; Moate Road, Athlone, County Westmeath (IE). **STAPELTON, Cliona**; 27 Railway View, Roscrea, County Tipparary (IE). **BURKE, Kevin**; 5 Greenfield Road, Newcastle, Galway, County Galway (IE). **MÖCKEL, Bettina**; Benrodestrasse 35, D-40597 Düsseldorf (DE).

(81) AU BR CA CN HU ID JP KR MX PL RU SK UA ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **C12N 15/82, 15/63**

(11) **WO 01/71013** (13) A2

(21) PCT/US01/08430

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,414 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MELON PROMOTERS FOR EXPRESSION OF TRANSGENES IN PLANTS
• AGENTS PROMOTEURS DE MELON DESTINES A L'EXPRESSION DE TRANSGENES DANS DES PLANTES

(71) **EXELIXIS PLANT SCIENCES, INC.** [US/US]; 16160 S.W. Upper Boones Ferry Road, Portland, OR 97224-7744 (US).

(72) **CLENDENNEN, Stephanie, K.**; 8640 S.W. 89th Avenue, Portland, OR 97223-6803 (US). **KELLOGG, Jill, A.**; 15052 Fall River Drive, Bend, OR 97707 (US).

(74) **JUDGE, Linda, R.** et al. / etc.; Iota Pi Law Group, P.O. Box 60850, Palo Alto, CA 94306-0850 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/82, 15/12, 5/10, 9/18, A01H 1/00, 5/10, A61K 38/46**

(11) **WO 01/71014** (13) A2

(21) PCT/US01/08468

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,440 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • EXPRESSION OF RECOMBINANT HUMAN ACETYLCHOLINESTERASE IN TRANSGENIC PLANTS
• EXPRESSION D'ACETYLCHOLINESTERASE DE RECOMBINAISON HUMAINE DANS DES PLANTES TRANSGENIQUES

(71) **BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH, INC.** [US/US]; Tower Road, Ithaca, NY 14853 (US).

(71, 72) **MOR, Tsafrir** [IL/US]; 104 Sharlene Road, Ithaca, NY 14850 (US). **SOREQ, Hermona** [IL/IL]; Department of Biological Chemistry, The Hebrew Univ. of Jerusalem, 91904 Jerusalem, Israel (IL). **ARNTZEN, Charles** [US/US]; Department of Plant Biology, Rm 637, Arizona State University, PO Box 871601, Tempe, AZ 8287-1601 (US). **MASON, Hugh** [US/US]; 1311 Hanshaw Road, Ithaca, NY 14850 (US).

(74) **AQUILLA, Thomas** et al. / etc.; Brown & Michaels, PC, 400 M & T Bank Building, 118 North Tioga Street, Ithaca, NY 14850 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/85**

(11) **WO 01/71015** (13) A2

(21) PCT/NL01/00166

(22) **28 Feb/fév 2001 (28.02.2001)**

(25) en (26) en

(30) 00200728.4 **1 Mar/mar 2000** EP **(01.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NON-SQUAMOUS EPITHELIUM-SPECIFIC TRANSCRIPTION
• TRANSCRIPTION SPECIFIQUE DE L'EPITHELIUM NON SQUAMEUX

(71) **RIJKSUNIVERSITEIT GRONINGEN** [NL/NL]; Broerstraat 5, NL-9712 CP Groningen (NL).
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(72, 75) **DE LEIJ, Lou, Franciscus, Maria, Hubertus** [NL/NL]; Mooiland 77, NL-9734 BW Groningen (NL). **RUITERS, Marcel, Herman, Josef** [NL/NL]; M.L. Kingstraat 119, NL-9728 WN Groningen (NL). **MCLAUGHLIN, Pamela, Marijke, Jane** [NL/NL]; Westerbinnensingel 14, NL-9718 BT Groningen (NL). **HARMSEN, Martin, Conrad** [NL/NL]; Zevenhuizerweg 17, NL-9761 AD Eelde (NL). **VAN DER MOLEN, Henk** [NL/NL]; Ruischerwaard 29, NL-9734 CE Groningen (NL). **TERPSTRA, Peter** [NL/NL]; Marsstraat 73, NL-9743 EL Groningen (NL). **DOKTER, Willem, Hendrik, Abraham** [NL/NL]; Van Beethovenstraat 65, NL-6521 EL Nijmegen (NL).

(74) **PRINS, A., W.**; c/o Vereenigde, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/85, C12Q 1/68, A61K 35/00**

(11) **WO 01/71016** (13) A1

(21) PCT/US01/09460

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,609 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 60/221,805 **31 Jul/juil 2000** US **(31.07.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PLURIPOTENTIAL STEM CELLS
• CELLULES SOUCHES PLURIPOTENTIELLES

(71) **STEMCELLS, INC.** [US/US]; 525 Del Rey Avenue, Suite C, Sunnyvale, CA 94086 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAGASSE, Eric** [FR/US]; 985 Oregon Avenue, Palo Alto, CA 94303 (US). **WEISSMAN, Irving, L.** [US/US]; 4147 Jefferson Avenue, Redwood City, CA 94061 (US).

(74) **SHERWOOD, Pamela, J.**; Bozicevic, Field & Francis LLP, Suite 200, 200 Middlefield Road, Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/86**

(11) **WO 01/71017** (13) A2

(21) PCT/IB01/00566

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 0007231.4 **24 Mar/mar 2000** GB **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MODIFIED NODAVIRUS RNA FOR GENE DELIVERY
• ARN DE NODAVIRUS MODIFIE POUR APPORT DE GENE

(71) **CHIRON SPA** [IT/IT]; Via Fiorentina 1, I-53100 Siena (IT).
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(72, 75) **BENSI, Giuliano** [IT/IT]; Chiron SpA, Via Fiorentina 1, I-53100 Siena (IT). **ZIPPO, Alessio** [IT/IT]; Chiron SpA, Via Fiorentina, 1, I-53100 Siena (IT).

(74) **HALLYBONE, Huw, George** et al. / etc.; Carpmaels & Ransford, 43 Bloomsbury Square, London WC1A 2RA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)[7] **C12N 15/861**

(11) **WO 01/71018** (13) A2

(21) PCT/US01/09143

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,092 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SECRETING PRODUCTS FROM SKIN BY ADENO-ASSOCIATED VIRUS (AAV) GENE TRANSFER
• PRODUITS DE SECRETION DE LA PEAU PAR TRANSFERT DE GENE DE VIRUS ASSOCIE AUX ADENOVIRUS (AAV)

(63) US 60/191,092 (CIP) 22 Mar/mar 2000 (22.03.2000)

(71) **BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS** [US/US]; 2404 North University Avenue, Little Rock, AR 72207-3608 (US).
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(72, 75) **HERMONAT, Paul, L.** [US/US]; 1812 Reservoir Road, Apartment 143, Little Rock, AR 72227 (US). **MANE, Michael** [RU/US]; 11801 Pleasant Forest Drive, Little Rock, AR 72217 (US). **LIU, Yong** [CN/US]; 3802 Kavanaugh Blvd., Apt. 831, Little Rock, AR 72205 (US).

(74) **PEET, Richard, C.**; Foley & Lardner, 3000 K. Street, N.W., Suite 500, Washington, DC 20007-5109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12N 15/90, A01K 67/027, 67/033, A01H 1/00**

(11) **WO 01/71019** (13) A1

(21) PCT/EP01/03341

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0006753.8 **21 Mar/mar 2000** GB **(21.03.2000)**

(30) 60/195,678 **7 Apr/avr 2000** US **(07.04.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF GENERATING TRANSGENIC ORGANISMS USING TRANSPOSONS
• PROCEDE DE PRODUCTION D'ORGANISMES TRANSGENIQUES A L'AIDE DE TRANSPOSONS

(71, 72) **SAVAKIS, Charalambos** [GR/GR]; IMBB-Forth, P.O. Box 1527, GR-711 10 Heraklion (GR). **GROSVELD, Frank** [NL/NL]; Maaike Weezenaar Straat 27, NL-3065 GE Rotterdam (NL).

(74) **MASCHIO, Antonio** et al. / etc.; D Young & Co., 21 New Fetter Lane, London EC4A 1DA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12P 7/42 // C12N 9/88, 9/02**

(11) **WO 01/71020** (13) A2

(21) PCT/US01/06075

(22) **23 Feb/fév 2001 (23.02.2001)**

(25) en (26) en

(30) 09/527,145 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BIOCATALYTIC SYNTHESIS OF GALLOID ORGANICS
• SYNTHESE BIOCATALYTIQUE DE PRODUITS ORGANIQUES GALLOIDES

(63) US 09/527,145 (CON) 16 Mar/mar 2000 (16.03.2000)

(71) **BOARD OF TRUSTEES OPERATING MICHIGAN STATE UNIVERSITY** [US/US]; East Lansing, MI 48824 (US).
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(72, 75) **FROST, John, W.** [US/US]; 1621 Dobie Circle, Okemos, MI 48864 (US).

(74) **FALCOFF, Monte, L.** et al. / etc.; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12P 13/04, 13/06, C12N 15/54, 1/21**

(11) **WO 01/71021** (13) A1

(21) PCT/JP01/02334

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-83648 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS FOR PRODUCING L-AMINO ACID VIA FERMENTATION METHOD
• PROCEDE DE PRODUCTION D'ACIDE L-AMINE VIA UN PROCEDE DE FERMENTATION

(71) **KYOWA HAKKO KOGYO CO., LTD.** [JP/JP]; 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo 100-8185 (JP).
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(72, 75) **IKEDA, Masato** [JP/JP]; c/o Tokyo Research Laboratories, Kyowa Hakko Kogyo Co., Ltd., 6-6, Asahi-machi 3-chome, Machida-shi, Tokyo 194-8533 (JP). **YAGASAKI, Makoto** [JP/JP]; c/o Technical Research Laboratories, Kyowa Hakko Kogyo Co., Ltd., 1-1, Kyowa-cho, Hofu-shi, Yamaguchi 747-8522 (JP). **TAKANO, Jun-Ichi** [JP/JP]; c/o Hofu Plant, Kyowa Hakko Kogyo Co., Ltd, 1-1, Kyowa-cho, Hofu-shi, Yamaguchi 747-8522 (JP). **ABE, Yayoi** [JP/JP]; c/o Technical Research Laboratories, Kyowa Hakko Kogyo Co., Ltd., 1-1, Kyowa-cho, Hofu-shi, Yamaguchi 747-8522 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12Q**

(11) **WO 01/71022** (13) A2

(21) PCT/US01/08729

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/190,370 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LPA RECEPTOR AGONISTS AND ANTAGONISTS AND METHODS OF USE
• AGONISTES ET ANTAGONISTES DU RECEPTEUR LPA ET PROCEDES D'UTILISATION DE CES DERNIERS

(71) **THE UNIVERSITY OF TENNESSEE RESEARCH CORPORATION** [US/US]; Suite 403, 1534 White Avenue, Knoxville, TN 37996-1527 (US).

(72) **MILLER, Duane, D.**; 8706 Maple Creek Cove, Germantown, TN 38163 (US). **TIGYI, Gabor**; 3375 Waynoka Avenue, Memphis, TN 38111 (US). **DALTON, James, T.**; 16 South Edgewood, Memphis, TN 38104 (US). **SARDAR, Vineet, M.**; 650 Minor, Apt. 6, Memphis, TN 38111 (US). **ELROD, Don, B.**; 539 Techno Lane, Apt. 103, Memphis, TN 38105 (US). **XU, Huiping**; 57 N. Somerville, A1Z1914, Memphis, TN 38104 (US). **BAKER, Daniel, L.**; 3850 Northwind Drive, Memphis, TN 38128 (US). **WANG,**

Dean; 23 South Pauline, Apt. 309, Memphis, TN 38104 (US). **LILIOM, Karoly**; Raketa 23, H-1214 Budapest (HU). **FISCHER, David, J.**; 8685 Timber Creek Drive, Cordova, TN 38018 (US). **VIRAG, Tamas**; 57 N. Somerville #401, Memphis, TN 38104 (US). **NUSSER, Nora**; 57 N. Somerville #215, Memphis, TN 38104 (US).

(74) **GOLDMAN, Michael, L.** et al. / etc.; Nixon Peabody LLP, Clinton Square, P.O. Box 31051, Rochester, NY 14603-1051 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12Q 1/00, 1/68, C12M 1/34, C12N 5/06**

(11) **WO 01/71023** (13) A1

(21) PCT/US01/08670

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,406 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 60/210,927 **12 Jun/juin 2000** US **(12.06.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A SYSTEMATIC APPROACH TO THE ANALYSIS OF GENE FUNCTION
• APPROCHE SYSTEMATIQUE DE L'ANALYSE DE FONCTION GENIQUE

(71) **GENETRACE SYSTEMS, INC.** [US/US]; 1401 Harbor Bay Parkway, Alameda, CA 94502 (US).
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(72, 75) **MONFORTE, Joseph, A.** [US/US]; 50 Alamo Avenue, Berkeley, CA 94708 (US). **KECK, James, Grant** [US/US]; 617 Harbor Colony Court, Redwood City, CA 94065 (US). **EECKMAN, Frank, Henri** [BE/US]; 6822 Bristol Drive, Berkeley, CA 94705 (US).

(74) **QUINE, Jonathan, Alan** et al. / etc.; The Law Offices of Jonathan Alan Quine, P.O. Box 458, Alameda, CA 94501 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12Q 1/26, 1/37, G01N 33/68**

(11) **WO 01/71024** (13) A1

(21) PCT/JP01/02253

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) ja (26) ja

(30) 2000-80883 **22 Mar/mar 2000** JP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF ASSAYING GLYCATED ALBUMIN
• PROCEDE DE DOSAGE DE L'ALBUMINE GLYQUEE

(71) **GENZYME CORPORATION** [US/US]; P.O. Box 9322, 15 Pleasant Street Connector, Framingham, MA 01701 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAKAMOTO, Hisashi** [JP/JP]; c/o Arkray, Inc., 57, Nishiaketa-cho, Higashikujo, Minami-ku, Kyoto-shi, Kyoto 601-8045 (JP). **TSUBOI, Isami** [JP/JP]; c/o BML, Inc., 1361-1, Matoba, Kawagoe-shi, Saitama 350-1101 (JP). **TORRENS, David** [GB/GB]; 104 Boxley Road, Maidstone, Kent ME14 2BE (GB).

(74) **UCHIYAMA, Mitsuru**; TSI Sudacho Building 8F, 4-1, Kandasudacho 1-chome, Chiyoda-ku, Tokyo 101-0041 (JP).

(81) AU CA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C12Q 1/37, 1/00, G01N 33/52**

(11) **WO 01/71025** (13) A1

(21) PCT/JP01/02345

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-83176 **24 Mar/mar 2000** JP **(24.03.2000)**

(30) 2000-187061 **22 Jun/juin 2000** JP **(22.06.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FILMS FOR ASSAYING PROTEASE ACTIVITY
• PELLICULES DE DOSAGE DE L'ACTIVITE PROTEASE

(71) **FUJI PHOTO FILM CO., LTD.** [JP/JP]; 210, Nakanuma, Minami-ashigara-shi, Kanagawa 250-0193 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NEMORI, Ryoichi** [JP/JP]; c/o FUJI PHOTO FILM CO., LTD., ASHIGARA RESEARCH LABORATORIES, 210, Nakanuma, Minami-ashigara-shi, Kanagawa 250-0193 (JP). **YAMAMOTO, Masayoshi** [JP/JP]; c/o FUJI PHOTO FILM CO., LTD., ASHIGARA RESEARCH LABORATORIES, 210, Nakanuma, Minami-ashigara-shi, Kanagawa 250-0193 (JP). **NAKAMURA, Kouki** [JP/JP]; c/o FUJI PHOTO FILM CO., LTD., ASHIGARA RESEARCH LABORATORIES, 210, Nakanuma, Minami-ashigara-shi, Kanagawa 250-0193 (JP). **OKADA, Yasunori** [JP/JP]; 101, Claire Gaien, 12-35, Daikyo-cho, Shinjuku-ku, Tokyo 160-0015 (JP).

(74) **IMAMURA, Masazumi** et al. / etc.; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12Q 1/68**

(11) **WO 01/71026** (13) A2

(21) PCT/EP01/03133

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) de (26) de

(30) 100 13 667.2 **20 Mar/mar 2000** DE **(20.03.2000)**

(30) 100 49 364.5 **5 Oct/oct 2000** DE **(05.10.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • KIT, METHOD AND MICROARRAY FOR DETERMINING THE SEX OF A HUMAN FOETUS
• KIT, PROCEDE ET JEU ORDONNE DE MICROECHANTILLONS PERMETTANT DE DETERMINER LE SEXE D'UN FOETUS HUMAIN

(71) **ADNAGEN AG** [DE/DE]; Ostpassage 7, 30853 Hannover-Langenhagen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WASCHÜTZA, Stefanie** [DE/DE]; Mühlenweg 11, 29227 Celle (DE).

(74) **PFENNING, MEINIG & PARTNER GBR**; Mozartstrasse 17, 80336 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12Q 1/68**

(11) **WO 01/71027** (13) A2

(21) PCT/EP01/03311

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 00106450.0 **24 Mar/mar 2000** EP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • mRNA AMPLIFICATION
• AMPLIFICATION D'ARN MESSAGER

(71) **MICROMET AG** [DE/DE]; Am Klopferspitz 19, 82152 Martinsried Planegg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZOHLNHÖFER, Dietlind** [DE/DE]; Tumblingerstr. 36, 80337 München (DE). **KLEIN, Christoph** [DE/DE]; Ohlstädterstrasse 38, 81373 München (DE).

(74) **VOSSIUS & PARTNER**; Siebertstrasse 4, 81675 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12Q 1/68**

(11) **WO 01/71028** (13) A2

(21) PCT/EP01/03397

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 60/191,760 **24 Mar/mar 2000** US **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SPECIFIC MULTIPLEX ANALYSIS OF NUCLEIC ACIDS
• ANALYSE MULTIPLEX SPECIFIQUE D'ACIDES NUCLEIQUES

(71) **EVOTEC ANALYTICAL SYSTEMS GMBH** [DE/DE]; Max-Planck-Strasse 15 a, 40699 Erkrath (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **REUBER, Bernadette** [DE/DE]; Evotec Analytical Systems GmbH, Max-Planck-Strasse 15 a, 40699 Erkrath (DE). **MUCK, Stefanie** [DE/DE]; Evotec Analytical Systems GmbH, Max-Planck-Strasse 15 a, 40699 Erkrath (DE). **WEINER, Olaf** [DE/DE]; Evotec Analytical Systems GmbH, Max-Planck-Strasse 15 a, 40699 Erkrath (DE). **ZIRWES, Rudolf** [DE/DE]; Evotec Analytical Systems GmbH, Max-Planck-Strasse 15 a, 40699 Erkrath (DE).

(74) **MEYERS, Hans-Wilhelm** et al. / etc.; Postfach 10 22 41, 50462 Köln (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12Q 1/68, C07K 14/575, A61K 48/00**

(11) **WO 01/71029** (13) A1

(21) PCT/FI01/00103

(22) **6 Feb/fév 2001 (06.02.2001)**

(25) en (26) en

(30) 60/219,324 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DIAGNOSIS OF A PERSON'S RISK OF DEVELOPING ALCOHOLISM
• DIAGNOSTIC DU RISQUE DE DEVELOPPER UN ALCOOLISME CHEZ UNE PERSONNE

(71) **HORMOS MEDICAL OY LTD** [FI/FI]; Tykistökatu 6 A, FIN-20520 Turku (FI).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **KAUHANEN, Jussi** [FI/FI]; Lehtikuusikontie 3 B 6, FIN-70620 Kuopio (FI).

(72, 75) **KARVONEN, Matti** [FI/FI]; Kaskenkatu 11 C 54, FIN-20700 Turku (FI). **PESONEN, Ullamari** [FI/FI]; Luodikkokuja 6, FIN-20900 Turku (FI). **KOULU, Markku** [FI/FI]; Kotikatu 4 B 8, FIN-20700 Turku (FI). **UUSITUPA, Matti** [FI/FI]; Välilahdentie 10, FIN-70260 Kuopio (FI).

(74) **ÖHMAN, Ann-Marie**; c/o Hormos Medical Oy Ltd, Tykistökatu 6 A, FIN-20520 Turku (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12Q 1/68**

(11) **WO 01/71030** (13) A2

(21) PCT/GB01/01267

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 0006960.9 **22 Mar/mar 2000** GB **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • GENETIC DETERMINANT FOR CHRONIC INFLAMMATORY DISEASE
• DETERMINANT GENETIQUE POUR MALADIE INFLAMMATOIRE CHRONIQUE

(71) **ISIS INNOVATION LIMITED** [GB/GB]; Ewert House, Ewert Place, Summertown, Oxford OX2 7BZ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(71) **OXFORD RADCLIFFE HOSPITAL NHS TRUST** [GB/GB]; The John Radcliffe, Headley Way, Headington, Oxford OX3 9DU (GB).
(only for / seulement pour US)

(72, 75) **SATSANGI, Jack** [GB/GB]; Gastro-Enterology Unit, Division of Medical Sciences, Western General Hospital, Crewe Road, Edinburgh EH4 2XU (GB). **WELSH, Kenneth** [GB/GB]; National Heart & Lung Institute, Emmanuel Kaye Building, Room GO8, 1 Manresa Road 1B, London SW3 6LR (GB). **HALDAR, Neil** [GB/GB]; Department of Surgery, Northampton General Hospital NHS Trust, Cliftonville, Northampton NN1 5BD (GB). **CHAPMAN, Roger** [GB/GB]; Gastro Intestinal Unit, The John Radcliffe, Headley Way, Headington, Oxford OX3 9DU (GB).

(74) **BOULT WADE TENNANT**; Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(u) for / pour US only / seulement

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(51)[7] **C12Q 1/68, B01J 19/00**

(11) **WO 01/71031** (13) A2

(21) PCT/JP01/02297

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 2000-80955 **22 Mar/mar 2000** JP **(22.03.2000)**

(30) 2001-62372 **6 Mar/mar 2001** JP **(06.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CARRIER FOR GENE DETECTION AND ITS USE FOR DETECTING VALIDITY OF INTERFERON THERAPY
• PORTEUR POUR DETECTION GENIQUE ET SON UTILISATION POUR DETECTER LA VALIDITE D'UNE THERAPIE INTERFERONS

(71) **KABUSHIKI KAISHA TOSHIBA** [JP/JP]; 72, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 210-8572 (JP).

(72) **HIJIKATA, Minako**; 102, Park-House-Tamagawaminami-Nibankan, 26-2, Shimomaruko 4-chome, Ota-ku, Tokyo 146-0092 (JP). **MISHIRO, Shunji**; 301, Akebonocho-Mansion, 24-9, Honkomagome 1-chome, Bunkyo-ku, Tokyo 113-0021 (JP). **OHTA, Yasuhiko**; 13-11, Arai 1-chome, Nakano-ku, Tokyo 165-0026 (JP). **HASHIMOTO, Koji**; 4-12-703, Sagamihara 4-chome, Sagamihara-shi, Kanagawa 229-0031 (JP).

(74) **SUZUYE, Takehiko** et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) ID.

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(51)[7] **C12Q 1/68, C12N 15/22**

(11) **WO 01/71032** (13) A1

(21) PCT/JP01/02327

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-084264 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF DETECTING RISK FACTOR FOR THE ONSET OF ARTERIOSCLEROSIS
• TECHNIQUE DE DETECTION DU FACTEUR DE RISQUE DE L'APPARITION DE L'ARTERIOSCLEROSE

(71) **BML, INC.** [JP/JP]; 21-3, Sendagaya 5-chome, Shibuya-ku, Tokyo 151-0051 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAGANO, Makoto** [JP/JP]; c/o Laboratory, BML, INC., 1361-1, Matoba, Kawagoe-shi, Saitama 350-1101 (JP). **ITO, Mayumi** [JP/JP]; c/o Laboratory, BML, INC., 1361-1, Matoba, Kawagoe-shi, Saitama 350-1101 (JP). **SAGEHASHI, Yukiko** [JP/JP]; c/o Laboratory, BML, INC., 1361-1, Matoba, Kawagoe-shi, Saitama 350-1101 (JP). **HATTORI, Hiroaki** [JP/JP]; c/o Laboratory, BML, INC., 1361-1, Matoba, Kawagoe-shi, Saitama 350-1101 (JP). **EGASHIRA, Toru** [JP/JP]; c/o Laboratory, BML, INC., 1361-1, Matoba, Kawagoe-shi, Saitama 350-1101 (JP). **YAMASHITA, Shizuya** [JP/JP]; 11-22, Yonbancho, Koshien, Nishinomiya-shi, Hyogo 663-8174 (JP). **MATSUZAWA, Yuji** [JP/JP]; 21-23, Hibarigaokayamate 2-chome, Takarazuka-shi, Hyogo 665-0804 (JP).

(74) **SHIMURA, Mitsuharu**; 9-3, Sakuragaoka-cho, Shibuya-ku, Tokyo 150-0031 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12Q 1/68**

(11) **WO 01/71033** (13) A2

(21) PCT/NO01/00116

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 20001435 **20 Mar/mar 2000** NO **(20.03.2000)**

(30) 20001436 **20 Mar/mar 2000** NO **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A PROCESS TO DETERMINE HETEROZYGOTE GENOMIC DNA DUPLICATION AND DELETION
• PROCEDE DE DETERMINATION DE LA DUPLICATION OU DE LA SUPPRESSION D'UN ADN GENOMIQUE HETEROZYGOTE

(71) **FORINNOVA AS** [NO/NO]; Thormøhlensgt. 55, N-5008 Bergen (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AARSKOG, Nina, K.** [NO/NO]; Kleivi 10, N-5700 Voss (NO). **VEDELER, Christian, A.** [NO/NO]; Fjellveien 123, N-5019 Bergen (NO).

(74) **AS BERGEN PATENTKONTOR**; C. Sundtsgt. 36, N-5004 Bergen (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12Q 1/68**

(11) **WO 01/71034** (13) A2

(21) PCT/US01/40359

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,392 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHODS AND APPARATUS FOR PARALLEL MAGNETIC BIOLOGICAL ANALYSIS AND MANIPULATION
• PROCEDE ET APPAREIL POUR L'ANALYSE BIOLOGIQUE MAGNETIQUE ET LA MANIPULATION PARALLELES

(71) **PRESIDENT AND FELLOWS OF HARVARD COLLEGE** [US/US]; Suite 727, Holyoke Center, 1350 Massachusetts Avenue, Cambridge, MA 02138 (US).

(72) **ZABOW, Gary**; Apartment 2, 99 Marion Street, Somerville, MA 02143 (US). **PRENTISS, Mara, G.**; 4 Dinsmore Court, Cambridge, MA 02138 (US).

(74) **OYER, Timothy, J.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12Q 1/68**

(11) **WO 01/71035** (13) A2

(21) PCT/US01/07721

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 09/527,892 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR AUTOMATIC PIN DETECTION IN MICROARRAY SPOTTING INSTRUMENTS
• PROCEDE ET DISPOSITIF DE DETECTION AUTOMATIQUE DE DOIGTS DE MARQUAGE DANS DES INSTRUMENTS DE REPERAGE POUR MATRICE DE MICRO-ECHANTILLONS

(71) **PACKARD BIOSCIENCE CORPORATION** [US/US]; 800 Research Drive, Meriden, CT 06450 (US).

(72) **SCHERMER, Mack, J.**; 284 Lake Street, Belmont, MA 02478 (US). **CANDILORO, C., Brian**; 388 Crescent Street, Waltham, MA 02153 (US).

(74) **VALLABH, Rajesh** et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (US).

(81) CA JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C12Q 1/68**

(11) **WO 01/71036** (13) A2

(21) PCT/US01/08501

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,056 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 09/669,739 **26 Sep/sep 2000** US **(26.09.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHODS OF PREPARING AMPLIFIED NUCLEIC ACID MOLECULES
• PROCEDES DE FABRICATION DE MOLECULES D'ACIDES NUCLEIQUES AMPLIFIEES

(71) **GENE LOGIC, INC.** [US/US]; 708 Quince Orchard Road, Gaithersburg, MD 20878 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EASTMAN, Eric** [US/US]; c/o Gene Logic, Inc., 708 Quince Orchard Road, Gaithersburg, MD 20878 (US). **HARTWELL, John** [US/US]; c/o Gene Logic, Inc., 708 Quince Orchard Road, Gaithersburg, MD 20878 (US). **MILLSTEIN, Larry** [US/US]; c/o Gene Logic, Inc., 708 Quince Orchard Road, Gaithersburg, MD 20878 (US). **KUZIORA, Michael** [US/US]; c/o Gene Logic, Inc., 708 Quince Orchard Road, Gaithersburg, MD 20878 (US). **GUILFOYLE, Richard** [US/US]; c/o Gene Logic, Inc., 708 Quince Orchard Road, Gaithersburg, MD 20878 (US).

(74) **JONES, Brian** et al. / etc.; Blank Rome Comisky & McCauley, LLP, 900 17th Street, N.W., Ste. 1000, Washington, DC 20006 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI

SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12Q 1/68, C12P 19/34, C07H 21/00**

(11) **WO 01/71037** (13) A1

(21) PCT/US01/08621

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,621 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHODS OF DETECTING POLYNUCLEOTIDE KINASE AND ITS USE AS A LABEL
• PROCEDE DE DETECTION DE LA POLYNUCLEOTIDE-KINASE ET SON UTILISATION EN TANT QUE MARQUEUR

(71) **LUMIGEN, INC.** [US/US]; 22900 W. Eight Mile Road, Southfield, MI 48034 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AKHAVAN-TAFTI, Hashem** [US/US]; 4545 Vines Road, Howell, MI 48834 (US).

(74) **BOLAND, Mark** et al. / etc.; Sughrue, Mion, Zinn, Macpeak & Seas, 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12Q 1/68, G01N 33/569**

(11) **WO 01/71038** (13) A1

(21) PCT/US01/08883

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,667 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INHIBITION OF PENICILLIN RESISTANCE IN S. PNEUMONIAE
• INHIBITION DE LA RESISTANCE A LA PENICILLINE DE S.*PNEUMONIAE*

(71) **THE ROCKEFELLER UNIVERSITY** [US/US]; 1230 York Avenue, New York, NY 10021-6399 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TOMASZ, Alexander** [US/US]; 450 East 63 Street #12G, New York, NY 10021 (US). **FILIPE, Sergio, R.** [US/US]; 500 East 63 Street #18B, New York, NY 10021 (US).

(74) **FEHLNER, Paul, F.** et al. / etc.; Darby & Darby P.C., 805 Third Avenue, New York, NY 10022-7513 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM EE ES FI GB GD GE HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12Q 1/68**

(11) **WO 01/71039** (13) A2

(21) PCT/US01/08996

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/532,656 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMBINED POLYNUCLEOTIDE SEQUENCES AS DISCRETE ASSAY ENDPOINTS
• SEQUENCES POLYNUCLEOTIDIQUES COMBINEES EN TANT QUE RESULTATS D'ESSAIS DISCRETS

(71) **INCYTE PHARMACEUTICALS, INC.** [US/US]; 3160 Porter Drive, Palo Alto, CA 94304 (US).

(72) **REYNOLDS, Mark, A.**; 3342 Vermont Place, Pleasanton, CA 94588 (US). **RUVOLO, Michael**; 48 Las Cascadas, Orinda, CA 94563 (US). **ARNOLD, Lyle, J., Jr.**; 15638 Boulder Mt. Rd., Poway, CA 92064 (US).

(74) **OSMAN, Richard, Aron**; Science & Technology Law Group, 75 Denise Drive, Hillsborough, CA 94010 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12Q 1/68**

(11) **WO 01/71040** (13) A2

(21) PCT/US01/09003

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/191,561 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR DETERMINATION OF GENE FUNCTION
• PROCEDE DE DETERMINATION DE LA FONCTION GENIQUE

(71) **E.I. DUPONT DE NEMOURS AND COMPANY** [US/US]; Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHARPE, Pamela, L.** [US/US]; 19 King Circle, Apartment C., Newark, DE 19702 (US). **CHENG, Qiong** [CN/US]; 4 Collins Drive, Wilmington, DE 19803 (US). **NAGARAJAN, Vasantha** [US/US]; 13 Dickinson Lane, Wilmington, DE 19807 (US).

(74) **FELTHAM, S., Neil**; E.I. Dupont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C12Q 1/68**

(11) **WO 01/71041** (13) A2

(21) PCT/US01/09165

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/191,356 **22 Mar/mar 2000** US **(22.03.2000)**

(30) 09/707,366 **6 Nov/nov 2000** US **(06.11.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MICROARRAY-BASED ANALYSIS OF POLYNUCLEOTIDE SEQUENCE VARIATIONS
• ANALYSE DES VARIATIONS DE SEQUENCES POLYNUCLEOTIDIQUES PAR MICRO-ECHANTILLONS

(63) US 09/707,366 (CIP)
6 Nov/nov 2000 (06.11.2000)

(71) **MERGEN LTD.** [US/US]; 14826 Wicks Boulevard, San Leandro, CA 94577 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YU, Zailin** [US/US]; 2374 Belvedere Boulevard, San Leandro, CA 94577 (US). **PENG, Zaoyuan** [US/US]; 865 San Jude Street, Palo Alto, CA 94396 (US). **HU, Qianjin** [CN/US]; 20499 Crow Creek Road, Castro Valley, CA 94552 (US).

(74) **BASU, Shantanu** et al. / etc.; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304-1018 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA

(BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12Q 1/68**

(11) **WO 01/71042** (13) A2

(21) PCT/US01/09231

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,637 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 09/614,150 **11 Jul/juil 2000** US **(11.07.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DETECTION KITS, SUCH AS NUCLEIC ACID ARRAYS, FOR DETECTING THE EXPRESSION OF 10,000 OR MORE DROSOPHILA GENES AND USES THEREOF
• NECESSAIRES DE DETECTION, TELS QUE DES JEUX ORDONNES D'ECHANTILLONS D'ACIDE NUCLEIQUE, SERVANT A DETECTER L'EXPRESSION D'AU MOINS 10.000 GENES DE DROSOPHILA ET LEUR UTILISATION

(71) **PE CORPORATION (NY)** [US/US]; Robert A. Millman, 761 Main Avenue, Norwalk, CT 06859 (US).

(72) **VENTER, J., Craig**; c/o Celera, 45 West Gude Drive, Rockville, MD 20850 (US). **ADAMS, Mark**; c/o Celera, 45 West Gude Drive, Rockville, MD 20850 (US). **LI, Peter, W., D.**; c/o Celera, 45 West Gude Drive, Rockville, MD 20850 (US). **MYERS, Eugene, W.**; c/o Celera, 45 West Gude Drive, Rockville, MD 20850 (US).

(74) **CELERA GENOMICS CORP.**; Robert A. Millman, 45 West Gude Drive C2-4, Rockville, MD 20850 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12Q 1/68, C12M 1/34**

(11) **WO 01/71043** (13) A1

(21) PCT/US01/09242

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,227 **22 Mar/mar 2000** US **(22.03.2000)**

(30) 60/237,000 **29 Sep/sep 2000** US **(29.09.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LOOP PROBE HYBRIDIZATION ASSAY FOR POLYNUCLEOTIDE ANALYSIS
• DOSAGE D'HYBRIDATION DE SONDE A BOUCLE POUR ANALYSER DES POLYNUCLEOTIDES

(71) **QUANTUM DOT CORPORATION** [—/US]; 26136 Research Road, Hayward, CA 94545 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRUCHEZ, Marcel, P., Jr.** [US/US]; 32392 Derby Street, Union City, CA 94581 (US). **LAI, Jennifer, H.** [US/US]; 2435 Whitney Drive, Mountain View, CA 94035 (US). **PHILLIPS, Vince, E.** [US/US]; 863 Lewis Avenue, Sunnyvale, CA 94086 (US). **WATSON, Andrew, R.** [US/US]; 531 Colorado Avenue, Palo Alto, CA 94306 (US). **WONG, Edith, Y.** [US/US]; 22 Volterra Court, Danville, CA (US).

(74) **MAHER, David, W.**; McCutchen, Doyle, Brown & Enersen, LLP, 3150 Porter Drive, Palo Alto, CA 94304-1212 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12Q 1/68, G01N 33/53, C12P 19/34, C07H 21/00, 21/02, 21/04**

(11) **WO 01/71044** (13) A1

(21) PCT/US01/09351

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,227 **22 Mar/mar 2000** US **(22.03.2000)**

(30) 60/237,000 **29 Sep/sep 2000** US **(29.09.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHODS OF USING SEMICONDUCTOR NANOCRYSTALS IN BEAD-BASED NUCLEIC ACID ASSAYS
• PROCEDES D'UTILISATION DE NANOCRISTAUX SEMI-CONDUCTEURS DANS DES TESTS D'ACIDES NUCLEIQUES A BASE DE BILLES

(71) **QUANTUM DOT CORPORATION** [US/US]; 26136 Research Road, Hayward, CA 94545 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRUCHEZ, Marcel, P., Jr.** [US/US]; 32392 Derby Street, Union City, CA 94581 (US). **LAI, Jennifer, H.** [US/US]; 2435 Whitney Drive, Mountain View, CA 94035 (US). **PHILLIPS, Vince, E.** [US/US]; 863 Lewis Avenue, Sunnyvale, CA 94086 (US). **WATSON, Andrew, R.** [US/US]; 531 Colorado Avenue, Palo Alto, CA 94306 (US). **WONG, Edith, Y.** [US/US]; 22 Volterra Court, Danville, CA (US).

(74) **MAHER, David, W.**; McCutchen, Doyle, Brown & Enersen, LLP, Three Embarcadero Center, Palo Alto, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12Q 1/68**

(11) **WO 01/71045** (13) A2

(21) PCT/US01/09504

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,466 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HIGH THROUGHPUT SCREENING FOR INHIBITORS OF FATTY ACID, ERGOSTEROL, SPHINGOLIPID, OR PHOSPHOLIPID SYNTHESIS IN FUNGI
• CRIBLAGE A DEBIT ELEVE RELATIF A DES INHIBITEURS DE LA SYNTHESE D'ACIDES GRAS, D'ERGOSTEROLS, DE SPHINGOLIPIDES OU DE PHOSPHOLIPIDES DANS DES CHAMPIGNONS

(63) US 60/191,466 (CIP)
23 Mar/mar 2000 (23.03.2000)

(71) **MILLENNIUM PHARMACEUTICALS, INC.** [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GUTIERREZ, Juan Antonio** [CO/US]; 5 Vernon Road, Natick, MA 01760 (US). **BULAWA, Christine, Ellen** [US/US]; 11 Grandview Road, Arlington, MA 02174 (US). **BLACKMAN, Ronald, K.** [US/US]; 140 Sewall Ave. #2, Brookline, MA 02446 (US). **GAVRIAS, Victoria** [CY/US]; 289 Dennison Hill Rd., North Stonington, CT 06359 (US).

(74) **FASSE, J., Peter**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU

TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C12Q 1/70**

(11) **WO 01/71046** (13) A1

(21) PCT/US01/08138

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 09/527,320 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SUPPRESSOR OF HIV REPLICATION AND TRANSCRIPTION
• SUPRESSEUR DE TRANSCRIPTION ET DE REPLICATION DU VIH

(71) **DUKE UNIVERSITY** [US/US]; 230 North Building, Research Drive, Box 90083, Durham, NC 27708-0083 (US).

(72) **BOLOGNESI, Dani, P.**; 17 Harvey Place, Durham, NC 27705 (US). **GREENBERG, Michael, L.**; 2 Gatlin Court, Durham, NC 27707 (US). **LACEY, Simon, F.**; 206 North Edenfield Avenue, Azusa, CA 91702 (US). **TOMARAS, Georgia, D.**; 1513 Maryland Avenue, Durham, NC 27705 (US). **WEINHOLD, Kent, J.**; 1320 Arnette Avenue, Durham, NC 27707 (US).

(74) **MISROCK, S., Leslie** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C21D 8/02, 1/19**

(11) **WO 01/71047** (13) A1

(21) PCT/BE01/00015

(22) **29 Jan/jan 2001 (29.01.2001)**

(25) fr (26) fr

(30) 2000/0214 **22 Mar/mar 2000** BE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR MAKING A MULTI-PHASE HOT-ROLLED STEEL STRIP
• PROCEDE POUR LA FABRICATION D'UNE BANDE EN ACIER MULTI-PHASE LAMINEE A CHAUD.

(71) **CENTRE DE RECHERCHES METALLURGIQUES, ASSOCIATION SANS BUT LUCRATIF** [BE/BE]; 47, rue Montoyer, B-1000 Bruxelles (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CORNET, Xavier** [BE/BE]; 195, rue de Namur, B-7134 Ressaix (BE). **HERMAN, Jean-Claude** [BE/BE]; 98, rue des Brasseurs, B-4670 Blegny-Trembleur (BE).

(74) **VAN MALDEREN, Michel** et al. / etc.; Office van Malderen, Boulevard de la Sauvenière 85/043, B-4000 LIEGE (BE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C21D 9/38, B21B 27/00**

(11) **WO 01/71048** (13) A1

(21) PCT/CH01/00180

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) de (26) de

(30) 00810237.8 **21 Mar/mar 2000** EP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PRODUCTION OF AN EMBOSSING TOOL AND USE OF THE SAME
• FABRICATION D'UN OUTIL D'ESTAMPAGE ET UTILISATION DUDIT OUTIL

(71) **SM SCHWEIZERISCHE MUNITIONSUNTERNEHMUNG AG** [CH/CH]; Allmendstrasse 74, CH-3602 Thun (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STEINHOFF, Kurt** [DE/CH]; Grossgrund 22, CH-6463 Bürglen (CH). **SCHULEIT, Nathalie** [FR/CH]; Säntisstrasse 3, CH-6207 Nottwil (CH).

(74) **PPS POLYVALENT PATENT SERVICE AG**; Waldrütistrasse 21, CH-8954 Geroldswil (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C22B 21/00, 9/10, 7/04, F27B 7/12**

(11) **WO 01/71049** (13) A2

(21) PCT/US01/09432

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/533,097 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TILTING ROTARY FURNACE SYSTEM FOR RECOVERY OF NON-FERROUS METALS FROM SCRAP OR DROSS AND METHOD OF OPERATION
• SYSTEME DE FOUR BASCULANT ROTATIF DESTINE A LA RECUPERATION DE METAUX NON FERREUX A PARTIR DE DECHETS ET DE CRASSE ET PROCEDE DE FONCTIONNEMENT

(71) **MDY ENGINEERING CORP** [US/US]; 2247 Chestnut Hill, Cleveland, OH 44106 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YERUSHALMI, Moshe** [US/US]; 2247 Chestnut Hill, Cleveland, OH 44106 (US).

(74) **GALIN, M., David** et al. / etc.; Renner, Otto, Boisselle & Sklar, LLP, 1621 Euclid Avenue, Nineteenth Floor, Cleveland, OH 44115 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C22C 38/58, C21D 8/00, 8/06**

(11) **WO 01/71050** (13) A1

(21) PCT/JP01/02272

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) ja (26) ja

(30) 2000-083503 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NON-REFINED STEEL BEING REDUCED IN ANISOTROPY OF MATERIAL AND EXCELLENT IN STRENGTH, TOUGHNESS AND MACHINABILITY
• ACIER NON RAFFINE PRESENTANT UNE ANISOTROPIE DE MATIERE REDUITE ET UNE RESISTANCE, UNE TENACITE ET UNE USINABILITE AMELIOREES

(71) **KAWASAKI STEEL CORPORATION** [JP/JP]; 1-28, Kitahonmachidori 1-chome, Chuo-ku, Kobe-shi, Hyogo 651-0075 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HASE, Kazukuni** [JP/JP]; c/o Technical Research Laboratories, Kawasaki Steel Corporation, Kawasakidori 1-chome, Mizushima, Kurashiki-shi, Okayama 712-8074 (JP). **OMORI, Yasuhiro** [JP/JP]; c/o Technical Research Laboratories, Kawasaki Steel Corporation, Kawasakidori 1-chome, Mizushima, Kurashiki-shi, Okayama 712-8074 (JP). **HOSHINO, Toshiyuki** [JP/JP]; c/o Technical Research Laboratories, Kawasaki Steel Corporation, Kawasakidori 1-chome, Mizushima, Kurashiki-shi, Okayama 712-8074 (JP). **AMANO, Keniti** [JP/JP]; c/o Technical Research Laboratories, Kawasaki Steel Corporation, Kawasakidori 1-chome, Mizushima, Kurashiki-shi, Okayama 712-8074 (JP).

(74) **OCHIAI, Kenichiro**; c/o Tokyo Head Office, Kawasaki Steel Corporation, Hibiya Kokusai Bldg., 2-3, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP).

(81) CN JP KR NO US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C23C 2/00, 2/40**

(11) **WO 01/71051** (13) A1

(21) PCT/EP01/03325

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) de (26) de

(30) 100 14 867.0 **24 Mar/mar 2000** DE **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND DEVICE FOR HOT DIP-COATING METAL STRANDS, ESPECIALLY STEEL STRIP
• PROCEDE ET DISPOSITIF DE REVETEMENT PAR IMMERSION EN BAIN DE FUSION DE CABLES METALLIQUES, EN PARTICULIER DE RUBANS D'ACIER

(71) **SMS DEMAG AKTIENGESELLSCHAFT** [DE/DE]; Eduard-Schloemann-Strasse 4, 40237 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BÜNTEN, Rolf** [DE/DE]; Hansaplatz 1, 40239 Düsseldorf (DE). **KNEPPE, Günter** [DE/DE]; Theodor-Heuss-Strasse 11, 57271 Hilchenbach (DE). **TRAKOWSKI, Walter** [DE/DE]; Sanddornstrasse 42, 47269 Duisburg (DE).

(74) **VALENTIN, Ekkehard**; Valentin, Gihske, Grosse, Hammerstrasse 2, 57072 Siegen (DE).

(81) AU BR CA CN CZ ID IN JP KR MX NZ PL RU SK TR UA US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C23C 2/24**

(11) **WO 01/71052** (13) A1

(21) PCT/EP01/03326

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) de (26) de

(30) 100 14 868.9 **24 Mar/mar 2000** DE **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND DEVICE FOR THE HOT-DIP COATING OF METAL LENGTHS IN PARTICULAR STEEL STRIP
• PROCEDE ET DISPOSITIF POUR GALVANISER A CHAUD DES BARRES METALLIQUES, NOTAMMENT DES FEUILLARDS D'ACIER

(71) **SMS DEMAG AKTIENGESELLSCHAFT** [DE/DE]; Eduard-Schloemann-Strasse 4, 40237 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BÜNTEN, Rolf** [DE/DE]; Hansaplatz 1, 40239 Düsseldorf (DE). **KNEPPE, Günter** [DE/DE]; Theodor-Heuss-Strasse 11, 57271 Hilchenbach (DE). **TRAKOWSKI, Walter** [DE/DE]; Sanddornstrasse 42, 47269 Duisburg (DE).

(74) **EKKEHARD, Valentin**; Valentin, Gihske, Grosse, Hammerstrasse 2, 57072 Siegen (DE).

(81) AU BR CA CN CZ ID IN JP KR MX NZ PL RU SK TR UA US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C23C 4/12, B23K 9/04, 9/09**

(11) **WO 01/71053** (13) A1

(21) PCT/EP01/03413

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) de (26) de

(30) 100 14 353.9 **24 Mar/mar 2000** DE **(24.03.2000)**

(30) 100 28 820.0 **10 Jun/juin 2000** DE **(10.06.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR THE PRODUCTION OF A MATERIAL COATING ON A SURFACE
• PROCEDE POUR APPLIQUER UN MATERIAU SUR UNE SURFACE

(71, 72) **JUNG, Werner** [DE/DE]; Erlenstrasse 3, 73061 Ebersbach (DE).

(74) **WUNDERLICH, Rainer** et al. / etc.; Weber & Heim, Irmgardstrasse 3, 81479 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C23C 14/08**

(11) **WO 01/71054** (13) A1

(21) PCT/GB01/01091

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 0006801.5 **22 Mar/mar 2000** GB **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS FOR COATING GLASS SURFACES
• PROCEDE DE REVETEMENT DE SURFACES EN VERRE

(71) **PILKINGTON PLC** [GB/GB]; Prescot Road, St. Helens, Merseyside WA10 3TT (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GALLEGO, Jose, Manuel** [GB/GB]; 22 Ellerbrook Drive, Ormskirk, Lancs L40 5SZ (GB). **SIDDLE, John, Robert** [GB/GB]; 25 Knowsley Road, Southport, Merseyside PR9 0HW (GB).

(74) **HALLIWELL, Anthony, Charles** et al. / etc.; Group Intellectual Property Dept., Pilkington European Technical Centre, Pilkington plc, Hall Lane, Lathom, Ormskirk, Lancashire L40 5UF (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C23C 14/08, 14/00, 14/58**

(11) **WO 01/71055** (13) A1

(21) PCT/JP01/02037

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 2000-79853 **22 Mar/mar 2000** JP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SUBSTRATE WITH PHOTOCATALYTIC FILM AND METHOD FOR PRODUCING THE SAME
• SUBSTRAT PRESENTANT UN FILM PHOTOCATALYTIQUE ET SON PROCEDE DE PRODUCTION

(71) **NIPPON SHEET GLASS CO., LTD.** [JP/JP]; 7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8559 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIJIMA, Yoshifumi** [JP/JP]; Nippon Sheet Glass Co., Ltd., 7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8559 (JP). **ANZAKI, Toshiaki** [JP/JP]; Nippon Sheet Glass Co., Ltd., 7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8559 (JP).

(74) **OHASHI, Kunihiko**; NP-II Building, 11th floor, 1-16, Hongo 5-chome, Bunkyo-ku, Tokyo 113-0033 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C23C 16/00, 16/16, B64F 5/00**

(11) **WO 01/71056** (13) A2

(21) PCT/CA01/00356

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/532,302 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NICKEL VAPOUR DEPOSITION MANUFACTURE OF AIRCRAFT ENGINE PARTS
• PROCEDE DE FABRICATION DE PIECES DE MOTEURS D'AVIONS PAR METALLISATION SOUS VIDE DE NICKEL

(71) **PRATT & WHITNEY CANADA CORP.** [CA/CA]; c/o Jeffrey W. Astle, Legal Services (01BE5), 1000 Marie Victorin, Longueuil, Québec J4G 1A1 (CA).

(72) **DOWHAN, Michael, J.**; R.R. #3, Milton, Ontario L9T 2X7 (CA). **BRAND, Joseph, H.**; 1624 Bloor St. E., Mississauga, Ontario L4X 2S2 (CA). **ELEFTHERIOU, Andreas**; 271 Coronation Street, Woodbridge, Ontario L4L 6H4 (CA). **WATERSTON, Andrew, R.**; 823 Millwood Road #5, Toronto, Ontario M4G 1W3 (CA).

(74) **ASTLE, Jeffrey, W.**; Pratt & Whitney Canada Corp., Legal Dept. (01BE5), 1000 Marie Victorin, Longueuil, Québec J4G 1A1 (CA).

(81) CA JP RU.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **C23C 16/00**

(11) **WO 01/71057** (13) A1

(21) PCT/US01/09117

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,920 **21 Mar/mar 2000** US **(21.03.2000)**

(30) 60/198,777 **21 Apr/avr 2000** US **(21.04.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MOVABLE PROCESSING APPARATUS AND METHOD FOR COATING A SUBSTRATE
• DISPOSITIF DE TRAITEMENT MOBILE ET PROCEDE DE FORMATION D'UN REVETEMENT SUR UN SUBSTRAT

(71) **SHIELDING FOR ELECTRONICS, INC.** [US/US]; 232 East Caribbean Drive, Sunnyvale, CA 94086 (US).

(72) **ARNOLD, Rocky, R.**; 536 Dartmouth Avenue, San Carlos, CA 94070 (US).

(74) **WONG, Craig, P.** 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **C23C 22/48, 22/53, 22/56, 22/57**

(11) **WO 01/71058** (13) A1

(21) PCT/AU01/00311

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) PQ 6332 **20 Mar/mar 2000** AU **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS AND SOLUTION FOR PROVIDING A CONVERSION COATING ON A METALLIC SURFACE I
• PROCEDE ET SOLUTION PERMETTANT LA PRODUCTION D'UN REVETEMENT PAR CONVERSION SUR UNE SURFACE METALLIQUE I

(71) **COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION** [AU/AU]; Limestone Avenue, Campbell, Australian Capital Territory 2612 (AU). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HARDIN, Simon, Gerard** [AU/AU]; 9 Willow Bank Road, North Fitzroy, Victoria 3068 (AU). **WITTEL, Klaus, Werner** [DE/DE]; Bernusstr. 25, 60487 Frankfurt (DE). **HUGHES, Anthony, Ewart** [AU/AU]; 78 Olinda-Monbulk Road, Olinda, Victoria 3788 (AU). **NELSON, Karen, Joy, Hammon** [AU/AU]; 7 Glenburnie Terrace, Plympton, South Australia 5038 (AU).

(74) **PHILLIPS ORMONDE & FITZPATRICK**; 367 Collins Street, Melbourne, Victoria 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C23C 22/48, 22/53, 22/56, 22/57**

(11) **WO 01/71059** (13) A1

(21) PCT/AU01/00312

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) PQ 6333 **20 Mar/mar 2000** AU **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS AND SOLUTION FOR PROVIDING A CONVERSION COATING ON A METALLIC SURFACE II
• PROCEDE ET SOLUTION DESTINES A METTRE EN OEUVRE UN REVETEMENT DE CONVERSION SUR UNE SURFACE METALLIQUE II

(71) **COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION** [AU/AU]; Limestone Avenue, Campbell, Australian Capital Territory 2612 (AU). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HARDIN, Simon, Gerard** [AU/AU]; 9 Willow Bank Road, North Fitzroy, Victoria 3068 (AU). **WITTEL, Klaus, Werner** [DE/DE]; Bernusstr. 25, 60487 Frankfurt (DE). **HUGHES, Anthony, Ewart** [AU/AU]; 78 Olinda-Monbulk Road, Olinda, Victoria 3788 (AU). **NELSON, Karen, Joy, Hammon** [AU/AU]; 7 Glenburnie Terrace, Plympton, South Australia 5038 (AU).

(74) **PHILLIPS ORMONDE & FITZPATRICK**; 367 Collins Street, Melbourne, Victoria 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C23C 22/84, C25D 11/18, 11/30**

(11) **WO 01/71060** (13) A1

(21) PCT/DE01/01125

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) de (26) de

(30) 100 14 035.1 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DYED CONVERSION LAYER
• COUCHE DE CONVERSION COLOREE

(71) **ELECTRO CHEMICAL ENGINEERING GMBH** [CH/CH]; Poststrasse 9, CH-6301 Zug (CH). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KURZE, Peter** [DE/DE]; Lagerstrasse 10, 52385 Nideggen (DE). **KOHLER, Marco** [DE/DE]; Hordorfer Weg 49, 53332 Bornheim (DE). **KRÜGER, Ulrike** [DE/DE]; Falladastrasse 12, 50171 Kerpen (DE). **BANERJEE, Dora** [DE/DE]; Regengasse 10, 50171 Kerpen (DE).

(74) **DUNKELBERG, Oliver**; Partnerschaft Dunkelberg & Stute, Friesenwall 5 - 7, 50672 Köln (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA

(BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C23F 11/00**

(11) **WO 01/71061** (13) A1

(21) PCT/JP01/02319

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-083529 **24 Mar/mar 2000 (24.03.2000)** JP

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ANTICORROSIVE AGENT FOR STAINLESS STEEL AND METHOD OF ANTICORROSIVE TREATMENT OF STAINLESS STEEL
• AGENT ANTICORROSION POUR ACIER INOXYDABLE ET PROCEDE DE TRAITEMENT ANTICORROSION DE L'ACIER INOXYDABLE

(71) **NISSIN CHEMICAL CO., LTD** [JP/JP]; 20-4, Honcho 3-chome, Nakano-ku, Tokyo 164-0012 (JP).

(72) **IMAI, Naoshi**; 20-11, Kuruwa-cho, Isesaki-shi, Gunma 372-0055 (JP).

(74) **YANAGAWA, Yasuo**; Mitsuya-Yotsuya Building 8th Floor, 2-14, Yotsuya, Shinjuku-ku, Tokyo 160-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C23F 11/10, C05G 3/00**

(11) **WO 01/71062** (13) A1

(21) PCT/EP00/02750

(22) **21 Mar/mar 2000 (21.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CORROSIVE PREVENTIVE COMPOSITION AND METHOD OF USING THE SAME
• COMPOSITION ANTICORROSION ET SON PROCEDE D'UTILISATION

(71) **HOLLAND NOVOCHEM BV** [NL/NL]; Villawal 15, NL-3432 NX Nieuwegein (NL). *(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **NOORDOVER, Jobs** [NL/NL]; Merkelbachstraat 10, NL-3822 EP Amersfoort (NL). **DEKKER, Ron** [NL/NL]; Van Eysingalaan 228, NL-3527 VR Utrecht (NL). **BRUINEKOOL, Arjan** [NL/NL]; Schokker 78, NL-3891 DR Zeewolde (NL). **BIJPOST, Erik** [NL/NL]; Donkeregaarde 51, NL-3436 ZD Nieuwegein (NL).

(74) **BLEUKX, Luc**; Hydro S.A., Avenue Marcel Thiry 83, B-1200 Brussels (BE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C23F 13/00, 13/06, 13/16, 13/18, 13/20**

(11) **WO 01/71063** (13) A1

(21) PCT/US01/09386

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/535,626 **24 Mar/mar 2000 (24.03.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BATTERY-POWERED CATHODIC PROTECTION SYSTEM
• SYSTEME DE PROTECTION CATHODIQUE ALIMENTE PAR BATTERIE

(71) **ENSER CORPORATION** [US/US]; 5430 70th Avenue North, Pinellas Park, FL 33781 (US).

(72) **SHUSTER, Nicholas**; 3931 Dayton Road, Madison, OH 44057 (US). **GABERT, Gregory, J.**; 14190 West Parsley Drive, Madeira Beach, FL 33708 (US).

(74) **RISLEY, David, R.**; Thomas, Kayden, Horstemeyer & Risley, LLP, Suite 1750, 100 Galleria Parkway, NW, Atlanta, Georgia 30339-5948 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C25B 13/00, C25C 1/10, B01D 17/06, 53/22, B05D 3/04**

(11) **WO 01/71064** (13) A1

(21) PCT/US01/08379

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/532,123 **21 Mar/mar 2000 (21.03.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ION CONDUCTING CERAMIC MEMBRANE AND SURFACE TREATMENT
• MEMBRANE CERAMIQUE CONDUCTRICE D'IONS ET TRAITEMENT SURFACIQUE

(71) **PRAXAIR TECHNOLOGY, INC.** [US/US]; 39 Old Ridgebury Road, Danbury, CT 06810-5113 (US). **BP AMOCO CORPORATION** [US/US]; 200 E. Randolph Drive, Chicago, IL 60601 (US).

(72) **WANG, Weitung**; 48 Tiffany Place, East Amherst, NY 14051 (US). **CHEN, Jack, C.**; 123 Deer Ridge Drive, Getzville, NY 14068 (US). **APTE, Prasad**; 35 Cheshire Lane, East Amherst, NY 14051 (US). **MAZANEC, Terry, Joseph**; Apt. 14, 1626 Brookdale Road, Naperville, IL 60563 (US).

(74) **ROSENBLUM, David, M.** et al. / etc.; Praxair, Inc., 39 Old Ridgebury Road, Danbury, CT 06810-5113 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C25D 1/08**

(11) **WO 01/71065** (13) A1

(21) PCT/JP01/02305

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) ja (26) ja

(30) 2000-79829 **22 Mar/mar 2000 (22.03.2000)** JP

(30) 2001-37875 **15 Feb/fév 2001 (15.02.2001)** JP

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HOLE STRUCTURE AND PRODUCTION METHOD FOR HOLE STRUCTURE
• STRUCTURE À TROUS ET PROCÉDÉ DE FABRICATION

(71) **CITIZEN WATCH CO., LTD.** [JP/JP]; 1-12, Tanashi-cho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **IKEDA, Tomoo** [JP/JP]; C/O CITIZEN WATCH CO., LTD., 1-12, Tanashi-cho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP).

(74) **ISHIDA, Takashi** et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)[7] **C25D 7/12, 5/52, 5/00, 5/18, 17/00, C25B 9/00**

(11) **WO 01/71066** (13) A1

(21) PCT/US01/05552

(22) **22 Feb/fév 2001 (22.02.2001)**

(25) en (26) en

(30) 60/190,023 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 09/685,934 **11 Oct/oct 2000** US **(11.10.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEVICE PROVIDING ELECTRICAL CONTACT TO THE SURFACE OF A SEMICONDUCTOR WORKPIECE DURING METAL PLATING
• DISPOSITIF ASSURANT LE CONTACT ELECTRIQUE AVEC LA SURFACE D'UNE PIECE SEMICONDUCTRICE PENDANT LE DEPOT DU REVETEMENT METALLIQUE

(71) **NU TOOL INC.** [US/US]; 1645 McCandless Drive, Milpitas, CA 95035 (US).

(72) **TALIEH, Homayoun**; 2211 Bentley Ridge Drive, San Jose, CA 95138 (US). **UZOH, Cyprian**; 625 Parvin Drive, Milpitas, CA 95035 (US). **BASOL, Bulent, M.**; 3001 Maple Avenue, Manhattan Beach, CA 90266 (US).

(74) **DIEFENDORF, Richard, R.**; Evenson, McKeown, Edwards & Lenahan, P.L.L.C., 1200 G Street, N.W., Suite 700, Washington, DC 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C25D 9/00**

(11) **WO 01/71067** (13) A2

(21) PCT/US01/09293

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/532,982 **22 Mar/mar 2000** US **(22.03.2000)**

(30) 09/775,072 **1 Feb/fév 2001** US **(01.02.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AN ENERGY ENHANCED PROCESS FOR TREATING A CONDUCTIVE SURFACE AND PRODUCTS FORMED THEREBY
• PROCEDE A ENERGIE ACCRUE POUR TRAITER UNE SURFACE CONDUCTRICE ET PRODUITS OBTENUS PAR CE PROCEDE

(71) **ELISHA TECHNOLOGIES CO LLC** [US/US]; A Missouri Limited Liability Company, 2000 US Highway 63 South, Moberly, MO 65270 (US).

(72) **HEIMANN, Robert, L.**; #2 Sunrise Circle, Centralia, MO 65240 (US). **DALTON, William, M.**; 527 West Carpenter Street, Moberly, MO 65270 (US). **HAHN, John**; 1639A Radcliffe Drive, Columbia, MO 65203 (US). **PRICE, David, M.**; 7634 Brookstone, West Chester, OH 45069 (US). **SOUCIE, Wayne, L.**; 1004 Hulen Drive, Columbia, MO 65203 (US). **RAVI, Chandran**; 100 Jersey Avenue, Building D, Box D-2, New Brunswick, NJ 08901 (US).

(74) **BOYER, Michael, K.**; Chief Patent Counsel, Orscheln Management Co, 2000 US Highway 63 South, Moberly, MO 65270 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C25F 3/16, 3/26**

(11) **WO 01/71068** (13) A1

(21) PCT/NL01/00220

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) nl (26) en

(30) 1014727 **23 Mar/mar 2000** NL **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR THE ELECTROLYTIC POLISHING OF A METAL IN THE PRESENCE OF AN ELECTROLYTE COMPOSITION, AS WELL AS A MOULDED ELEMENT OBTAINED BY USING SUCH A METHOD
• PROCEDE DE POLISSAGE ELECTROLYTIQUE D'UN METAL EN PRESENCE D'UNE COMPOSITION ELECTROLYTIQUE, ET ELEMENT MOULE OBTENU AU MOYEN DE CE PROCEDE

(71) **TECHNISCHE UNIVERSITEIT EINDHOVEN** [NL/NL]; Den Dolech 2, NL-5612 AZ Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JANSSEN, Leonard, Johannes, Joseph** [NL/NL]; Jan van Crieckenbeeklaan 3, NL-5671 ED Neunen (NL). **VAN DER NET, Richard, Johannes** [NL/NL]; Lariksstraat 44, NL-3329 AK Dordrecht (NL).

(74) **VAN KAN, J., J., H.** et al. / etc.; Algemeen Octrooibureau, World Trade Center, Pastoor Petersstraat 160, NL-5612 LV Eindhoven (NL).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CO CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **C30B 29/06**

(11) **WO 01/71069** (13) A1

(21) PCT/JP01/02161

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ja (26) ja

(30) 2000-83030 **23 Mar/mar 2000** JP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR PRODUCING SILICON SINGLE CRYSTAL HAVING NO FLAW
• PROCEDE DE PRODUCTION D'UN MONOCRISTAL DE SILICIUM SANS DEFAUT

(71) **KOMATSU DENSHI KINZOKU KABUSHIKI KAISHA** [JP/JP]; 25-1, Shinomiya 3-chome, Hiratsuka-shi, Kanagawa 254-0014 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAKAMURA, Kozo** [JP/JP]; c/o KOMATSU DENSHI KINZOKU KABUSHIKI KAISHA, 25-1, Shinomiya 3-chome, Hiratsuka-shi, Kanagawa 254-0014 (JP). **SAISHOJI, Toshiaki** [JP/JP]; c/o KOMATSU DENSHI KINZOKU KABUSHIKI KAISHA, 25-1, Shinomiya 3-chome, Hiratsuka-shi, Kanagawa 254-0014 (JP). **TOGAWA, Shinji** [JP/JP]; c/o KOMATSU DENSHI KINZOKU KABUSHIKI KAISHA, 25-1, Shinomiya 3-chome, Hiratsuka-shi, Kanagawa 254-0014 (JP). **KOTOOKA, Toshirou** [JP/JP]; c/o KOMATSU DENSHI KINZOKU KABUSHIKI KAISHA, 25-1, Shinomiya 3-chome, Hirastsuka-shi, Kanagawa 254-0014 (JP). **MAEDA, Susumu** [JP/JP]; c/o KOMATSU DENSHI KINZOKU KABUSHIKI KAISHA, 25-1, Shinomiya 3-chome, Hirastsuka-shi, Kanagawa 254-0014 (JP).

(74) **SHOBAYASHI, Masayuki**; Ikebukuro City Heights 701, 18-34, Minamiikebukuro 3-chome, Toshima-ku, Tokyo 171-0022 (JP).

(81) KR US.

(84) EP (DE IT).

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(51)[7] **D01D 5/092**

(11) **WO 01/71070** (13) A1

(21) PCT/JP01/02393

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) ja (26) ja

(30) 2000-84211 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MOLTEN YARN TAKE-UP DEVICE
• SYSTEME DE TIRAGE DE FIL EN FUSION

(71) **TORAY ENGINEERING COMPANY,LIMITED** [JP/JP]; MItsui Building

No.2, 4-18, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IWADE, Takashi** [JP/JP]; 8-6, Saganakadai 7-chome, Kizu-cho, Soraku-gun, Kyoto 619-0223 (JP). **FUJII, Takashi** [JP/JP]; A1-43, 16 Takehana-Jizojiminamimachi, Yamashina-ku, Kyoto-shi, Kyoto 607-8088 (JP). **NISHIOJI, Makoto** [JP/JP]; 24-1, Tsukinowa 5-chome, Otsu-shi, Shiga 520-2152 (JP). **YAMASHITA, Masamichi** [JP/JP]; 219, Shiga-ryo, 52-4, Fujimidai, Otsu-shi, Shiga 520-0846 (JP).

(74) **OGAWA, Shin-ichi** et al. / etc.; Ogawa, Noguchi & Saika International Patent Office, Akiyama Building, 22-13, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN ID IN KR US.

(84) EP (CH DE).

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(51)[7] **D01F 6/48**

(11) **WO 01/71071** (13) A1

(21) PCT/JP01/02178

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ja (26) ja

(30) 2000-80990 **22 Mar/mar 2000 (22.03.2000)** JP

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COLORED POLY(VINYLIDENE FLUORIDE)-BASED MONOFILAMENT AND METHOD FOR PRODUCING THE SAME
• MONOFILAMENT A BASE DE POLY(FLUORURE DE VINYLIDENE) COLORE ET SON PROCEDE DE PRODUCTION

(71) **KUREHA CHEMICAL INDUSTRY CO., LTD.** [JP/JP]; 9-11, Nihonbashi, Horidome-cho 1-chome, Chuo-ku, Tokyo 103-0012 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HASHIMOTO, Satoshi** [JP/JP]; 826-2, Nakanobe, Ogawa-machi, Higashiibaraki-gun, Ibaraki 311-3422 (JP). **OCHIAI, Hiroshi** [JP/JP]; 16-5, Inayoshi-higashi 4-chome, Chiyoda-machi, Niihari-gun, Ibaraki 315-0053 (JP). **SATO, Masaru** [JP/JP]; 21-138, Kamitamari, Tamari-mura, Niihari-gun, Ibaraki 311-3436 (JP).

(74) **MIURA, Yoshikazu**; Kurosusaido Kojimachi, 4, Kojimachi 5-chome, Chiyoda-ku, Tokyo 102-0083 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **D02G 1/02, 3/24**

(11) **WO 01/71072** (13) A1

(21) PCT/JP01/02252

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) ja (26) ja

(30) 2000-083743 **24 Mar/mar 2000 (24.03.2000)** JP

(30) 2000-083744 **24 Mar/mar 2000 (24.03.2000)** JP

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FALSE TWIST YARNS AND PRODUCTION METHOD AND PRODUCTION DEVICE THEREFOR
• FILS FAUSSE TORSION, ET PROCEDE ET DISPOSITIF DE PRODUCTION CORRESPONDANTS

(71) **TORAY INDUSTRIES, INC.** [JP/JP]; 2-1, Nihonbashi-Muromachi 2-chome, Chuo-ku, Tokyo 103-8666 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MATSUOKA, Hiroshi** [JP/JP]; 55 Midorigaoka 5-chome, Tatsunokuchimachi, Nomi-gun, Ishikawa 923-1226 (JP). **MATSUKI, Sadao** [JP/JP]; 55 Midorigaoka 5-chome, Tatsunokuchimachi, Nomi-gun, Ishikawa 923-1226 (JP). **MATSUDA, Tatsuaki** [JP/JP]; 1, Ainokimachi, Matsuto-shi, Ishikawa 924-0022 (JP). **SATOU, Kouichi** [JP/JP]; 24-9, Fujimidai, Mishima-shi, Shizuoka 411-0021 (JP). **NAKAZAWA, Genshin** [JP/JP]; 55 Midorigaoka 5-chome, Tatsunokuchimachi, Nomi-gun, Ishikawa 923-1226 (JP).

(81) CN ID IN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **D02G 3/02, 3/36**

(11) **WO 01/71073** (13) A1

(21) PCT/US01/08722

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,674 **20 Mar/mar 2000 (20.03.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMPOSITE YARN
• FIL COMPOSITE

(71, 72) **BAKER, Paul, W., Jr.** [US/US]; 205 Sylvan Grove Drive, Cary, NC 27511 (US).

(74) **ADAMS, W., Thad, III**; Adams, Schwartz & Evans, P.A., 2180 Two First Union Center, Charlotte, NC 28282 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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Declaration / Déclaration :
(u) for / pour US only / seulement

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(51)[7] **D03D 11/00, 13/00, 15/00**

(11) **WO 01/71074** (13) A1

(21) PCT/US00/42112

(22) **9 Nov/nov 2000 (09.11.2000)**

(25) en (26) en

(30) 09/528,621 **20 Mar/mar 2000 (20.03.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BASE MATERIAL FOR A PRINTED CIRCUIT BOARD FORMED FROM A THREE-DIMENSIONAL WOVEN FIBER STRUCTURE
• MATERIAU DE BASE POUR PLAQUETTE DE CIRCUITS IMPRIMES, CONSTITUE D'UNE STRUCTURE EN FIBRES TISSEES TRIDIMENSIONNELLE

(71) **3TEX, INC.** [US/US]; 109 Mackenan Drive, Cary, NC 27511 (US).

(72) **MOHAMED, Mansour, H.**; 1926 Highland Place, Raleigh, NC 27607 (US). **LIENHART, R., Bradley**; 206 Old Pro's Way, Cary, NC 27513 (US). **GU, Pu**; 523 Fantail Lane, Apex, NC 27502 (US).

(74) **JENKINS, Richard, E.**; Jenkins & Wilson, P.A., University Tower, Suite 1400, 3100 Tower Boulevard, Durham, NC 27707 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **D03D 47/34 // B65H 59/02**

(11) **WO 01/71075** (13) A2

(21) PCT/EP01/03193

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) de (26) de

(30) 100 13 776.8 **20 Mar/mar 2000 (20.03.2000)** DE

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR INSERTING AN ELASTOMERIC YARN AND YARN PROCESSING SYSTEM
• PROCEDE D'INSERTION D'UN FIL ELASTOMERE ET SYSTEME DE TRAITEMENT DE FILS

(71) **IRO PATENT AG** [CH/CH]; Oberneuhofstrasse 6, CH-6340 Baar (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JACOBSSON, Kurt, Arne, Gunnar** [SE/SE]; Stenåsgatan 11, S-523 33 Ulricehamn (SE).

(74) **HILGERS, Hans**; Grünecker, Kinkeldey, Stockmair & Schwanhäusser, Maximilianstrasse 58, 80538 München (DE).

(81) CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **D03D 47/34**

(11) **WO 01/71076** (13) A2

(21) PCT/EP01/03416

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) de (26) de

(30) 100 14 623.6 **24 Mar/mar 2000 (24.03.2000)** DE

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR THE CONTROL OF A POWER-LOOM YARN FEED DEVICE

- PROCEDE POUR COMMANDER UN DISPOSITIF DE LIVRAISON DE FIL D'UN METIER MECANIQUE

(71) **IRO PATENT AG** [CH/CH]; Oberneuhofstrasse 6, CH-6340 Baar (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JOSEFSSON, Pär** [SE/SE]; Polonäsgränd 67, S-523 93 Asunden (SE). **JEDHEIMAR, Patrik** [SE/SE]; Krokslettsgatan 4c, S-431 67 Mölndal (SE).

(74) **HILGERS, Hans**; Grünecker, Kinkeldey, Stockmair & Schwanhäusser, Maximilianstrasse 58, 80538 München (DE).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **D03D 47/36**

(11) **WO 01/71077** (13) A1

(21) PCT/NL01/00227

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) nl (26) en

(30) 1014729 **23 Mar/mar 2000** NL **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- METHOD FOR SENSING AND COUNTING WINDINGS BEING DRAWN OFF A DRUM, AS WELL AS A DEVICE FOR CARRYING OUT SAID METHOD
- PROCEDE DE DETECTION ET COMPTAGE DES SPIRES EXTRAITES D'UNE BOBINE, ET DISPOSITIF ASSOCIE

(71) **TE STRAKE B.V.** [NL/NL]; Dr. H. van Doorneweg 26, NL-5753 PM Deurne (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ACHTEN, Huub** [NL/NL]; Amer 28, NL-5751 ST Deurne (NL). **COX, Gerard** [NL/NL]; Peelhorst 13, NL-5745 GR Deurne (NL).

(74) **DOHMEN, Johannes, Maria, Gerardus** et al. / etc.; Octrooibureau Zuid en bureau voor merken en modellen BV, Stratumsedijk 50C, NL-5611 NE Eindhoven (NL).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **D04B**

(11) **WO 01/71078** (13) A2

(21) PCT/DE01/00970

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) de (26) de

(30) 100 13 522.6 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- THREAD FEEDING DEVICE FOR A KNITTING MACHINE OR A KNITTING FRAME OR A YARN PRODUCTION MACHINE AND A KNITTING MACHINE OR A KNITTING FRAME
- APPAREIL D'ALIMENTATION EN FIL POUR MACHINE A TRICOTER OU METIER A TRICOTER OU MACHINE DE PRODUCTION DE FIL ET MACHINE A TRICOTER OU METIER A TRICOTER

(71) **HEPP GMBH** [DE/DE]; Talstrasse 8, 88348 Bad Saulgau (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHMID, Helmut** [DE/DE]; Unterm Kirchberg 7, 88348 Bad Saulgau (DE).

(74) **DOBLER, Markus**; Karlstrasse 8, 88212 Ravensburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **D04B 21/04**

(11) **WO 01/71079** (13) A2

(21) PCT/US01/07019

(22) **5 Mar/mar 2001 (05.03.2001)**

(25) en (26) en

(30) 09/527,629 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- ABSORBENT FABRICS, PRODUCTS, AND METHODS
- TISSUS ABSORBANTS, PRODUITS ET PROCEDES

(71) **MILLIKEN & COMPANY** [US/US]; 920 Milliken Road, Spartanburg, SC 29303 (US).

(72) **DEMOTT, Roy, P.**; 307 Holly Drive, Spartanburg, SC 29301 (US). **GILLIS, Kimberly, C.**; 330 Gracewood Circle, Moore, SC 29369 (US). **STRINGER, Ernest, G.**; 1127 Edisto Drive, Spartanburg, SC 29302 (US).

(74) **ALEXANDER, Daniel, R.**; Milliken & Company, P.O. Box 1926 (M-495), Spartanburg, SC 29304 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **D04H 1/42, 1/54, 3/14, 3/16, A61F 13/512, 13/15**

(11) **WO 01/71080** (13) A1

(21) PCT/US01/05906

(22) **26 Feb/fév 2001 (26.02.2001)**

(25) en (26) en

(30) 09/527,864 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- MULTICOMPONENT APERTURED NONWOVEN
- NON-TISSE A MULTICOMPOSANTS ET A OUVERTURES

(71) **BBA NONWOVENS SIMPSONVILLE, INC.** [US/US]; 844 S.E. Main Street, Simpsonville, SC 29681 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GILLESPIE, Jay, Darrell** [US/US]; Post Office Box 1074, Simpsonville, SC 29681 (US). **NEWKIRK, David, D.** [US/US]; 121 Sun Meadow Road, Greer, SC 29650 (US). **THOMASON, Michael, M.** [US/US]; 204 Kincade Drive, Simpsonville, SC 29681 (US). **FARELL, Gregory, W.** [US/US]; 208 Carrick Drive, Simpsonville, SC 29681 (US). **THOMAS, Harold, E.** [US/US]; 5 St. Helaine Place, Greer, SC 29650 (US).

(74) **LINKER, Raymond, O., Jr.** et al. / etc.; Alston & Bird LLP, Bank of America Plaza, 101 South Tryon Street, Suite 4000, Charlotte, NC 28280-4000 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **D04H 13/00, A47L 13/16, D04H 1/70**

(11) **WO 01/71081** (13) A1

(21) PCT/JP01/00976

(22) **13 Feb/fév 2001 (13.02.2001)**

(25) en (26) en

(30) 2000-85327 **24 Mar/mar 2000** JP **(24.03.2000)**

(30) 2001-34756 **13 Feb/fév 2001** JP **(13.02.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BULKY SHEET AND PROCESS FOR PRODUCING THE SAME
• NAPPE GONFLANTE ET SON PROCEDE DE FABRICATION

(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) **SHIZUNO, Akihito** [JP/JP]; Kao Corporation, Research Laboratories, 2606, Akabane, Ichikai-machi, Haga-gun, Tochigi 321-3426 (JP). **ISHIKAWA, Kenji** [JP/JP]; Kao Corporation, Research Laboratories, 2606, Akabane, Ichikai-machi, Haga-gun, Tochigi 321-3426 (JP). **MACHII, Kouji** [JP/JP]; Kao Corporation, Research Laboratories, 2606, Akabane, Ichikai-machi, Haga-gun, Tochigi 321-3426 (JP). **SUZUKI, Hiromichi** [JP/JP]; Kao Corporation, Research Laboratories, 2606, Akabane, Ichikai-machi, Haga-gun, Tochigi 321-3426 (JP).

(74) **HATORI, Osamu** et al. / etc.; Akasaka HKN Building 6th floor, 8-6, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) AU CN ID KR SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **D06C 5/00**

(11) **WO 01/71082** (13) A1

(21) PCT/EP01/03206

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) PI2000A000021 **21 Mar/mar 2000** IT **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR STEAMING ON FORMS HOSIERY ARTICLES AND THE LIKE
• PROCEDE ET APPAREIL DE VAPORISAGE SUR FORMES D'ARTICLES DE BONNETERIE ET ANALOGUE

(71) **S.R.A. S.R.L.** [IT/IT]; Via delle Fonti, I-50010 Badia a Settimo (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MANINI, Benito** [IT/IT]; Via Pacini, 43, I-50144 Firenze (IT).

(74) **CELESTINO, Marco**; ABM Agenzia Brevetti & Marchi, Via A. Della Spina, 40, I-56125 Pisa (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **D06F 35/00**

(11) **WO 01/71083** (13) A1

(21) PCT/GB01/01092

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 0006507.8 **18 Mar/mar 2000** GB **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LAUNDRY APPLIANCE
• LAVE-LINGE

(71) **NOTETRY LIMITED** [GB/GB]; Kingsmead Mill, Little Somerford, Wiltshire SN15 5JN (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HIRD, Malcolm, John** [GB/GB]; 42 Croesonen Parc, Abergavenny, Monmouthshire NP7 6PE (GB).

(74) **SMITH, Gillian, R.** et al. / etc.; Dyson Limited, Intellectual Property Department, Tetbury Hill, Malmesbury, Wiltshire SN16 0RP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **D06F 37/20**

(11) **WO 01/71084** (13) A2

(21) PCT/GB01/01083

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 0006506.0 **18 Mar/mar 2000** GB **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LAUNDRY APPLIANCE
• APPAREIL DE BUANDERIE

(71) **DYSON LIMITED** [GB/GB]; Tetbury Hill, Malmesbury, Wiltshire SN16 0RP (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HIRD, Malcolm, John** [GB/GB]; 42 Croesonen Parc, Abergavenny, Monmouthshire NP7 6PE (GB).

(74) **SMITH, Gillian, R.** et al. / etc.; Dyson Limited, Intellectual Property Dept., Tetbury Hill, Malmesbury, Wiltshire SN16 0RP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **D06F 37/20, 39/00**

(11) **WO 01/71085** (13) A1

(21) PCT/GB01/00826

(22) **27 Feb/fév 2001 (27.02.2001)**

(25) en (26) en

(30) 0006502.9 **18 Mar/mar 2000** GB **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LAUNDRY APPLIANCE
• APPAREIL DE BLANCHISSAGE

(71) **DYSON LIMITED** [GB/GB]; Tetbury Hill, Malmesbury, Wiltshire SN16 0RP (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DAWE, Roger, Michael** [GB/GB]; 97 Rowe Mead, Chippenham, Wiltshire SN15 3YT (GB).

(74) **SMITH, Gillian, R.** et al. / etc.; Dyson Limited, Intellectual Property Department, Tetbury Hill, Malmesbury, Wiltshire SN16 0RP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **D06F 39/12, F16M 11/42**

(11) **WO 01/71086** (13) A1

(21) PCT/GB01/00714

(22) **21 Feb/fév 2001 (21.02.2001)**

(25) en (26) en

(30) 0006490.7 **18 Mar/mar 2000** GB **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A STEERING OR LIFTING MECHANISM
• MECANISME ELEVATEUR OU DIRECTEUR

(71) **DYSON LIMITED** [GB/GB]; Tetbury Hill, Malmesbury, Wiltshire SN16 0RP (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DYSON, James** [GB/GB]; Kingsmead Mill, Little Somerford, Wiltshire SN15 5JN

(GB). **SANDOM, Paul, Richard** [GB/GB]; New Malden, Surrey KT3 4PX (GB).

(74) **SMITH, Gillian, R.** et al. / etc.; Intellectual Property, Dyson Department Limited, Tetbury Hill, Malmesbury, Wiltshire SN16 0RP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **D06F 39/14**

(11) **WO 01/71087** (13) A1

(21) PCT/GB01/00706

(22) **21 Feb/fév 2001 (21.02.2001)**

(25) en (26) en

(30) 0006500.3 **18 Mar/mar 2000** GB **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LAUNDRY APPLIANCE
• LAVE-LINGE

(71) **DYSON LIMITED** [GB/GB]; Tetbury Hill, Malmesbury, Wiltshire SN16 0RP (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FITTON, Nicholas, Gerald** [GB/GB]; 20 Albion Street, Old Town, Swindon, Wiltshire SN1 5LJ (GB). **ROBERTS, Iain** [GB/GB]; 25 Park Road, Malmesbury, Wiltshire SN16 0BX (GB).

(74) **SMITH, Gillian, R.** et al. / etc.; Intellectual Property Department, Dyson Limited, Tetbury Hill, Malmesbury, Wiltshire SN16 0RP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **D06F 43/00, 95/00**

(11) **WO 01/71088** (13) A1

(21) PCT/US01/08451

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,640 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FABRIC BAG FOR USE IN FABRIC CARE PROCESSES
• SAC EN TISSU A UTILISER DANS DES PROCESSUS D'ENTRETIEN DE TISSUS

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) **FAGG, Andrew, John**; Apartment 302, 4874 Hunt Road, Cincinnati, OH 45242 (US). **ROGERS, Steven, Barrett**; 6206 Castle Stone Lane, Cincinnati, OH 45247 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **D06G 1/00**

(11) **WO 01/71089** (13) A2

(21) PCT/US01/09345

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,965 **24 Mar/mar 2000** US **(24.03.2000)**

(30) 60/219,882 **21 Jul/juil 2000** US **(21.07.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHODS AND APPARATUS FOR PARTICULATE REMOVAL FROM FABRICS
• PROCEDES ET APPAREIL PERMETTANT D'ELIMINER DES PARTICULES PRESENTES SUR DES TISSUS

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) **NOYES, Anna, Vadimovna**; 6493 Kristine Drive, Hamilton, OH 45011 (US). **RADOMYSELSKI, Arseni**; 6493 Kristine Drive, Hamilton, OH 45011 (US). **SEVERNS, John, Cort**; 7158 Basswood Drive, West Chester, OH 45069 (US). **FRANCE, Paul, Amatt**; 5240 Barkwood Drive, West Chester, OH 45069 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **D06M 17/06, B32B 31/08**

(11) **WO 01/71090** (13) A1

(21) PCT/IT01/00090

(22) **26 Feb/fév 2001 (26.02.2001)**

(25) en (26) en

(30) FI2000A000074 **24 Mar/mar 2000** IT **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS, MACHINE AND HOT-MELT MATERIAL FOR BONDING TEXTILES
• PROCEDE, MACHINE ET MATERIAU THERMOFUSIBLE DESTINES A COLLER DES TEXTILES

(71, 72) **CIANCHINI, Ardenzo** [IT/IT]; Via Ungaretti, 24, I-51037 Montale (IT). **INNOCENTI, Gualtiero** [IT/IT]; Via Carducci, 5, I-51037 Montale (IT).

(74) **MANNUCCI, Michele** et al. / etc.; Via della Scala, 4, I-50123 Firenze (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **D21G 1/00**

(11) **WO 01/71091** (13) A1

(21) PCT/FI01/00284

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) fi (26) en

(30) 20000671 **22 Mar/mar 2000** FI **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MULTIPLE-NIP CALENDER AND CALENDERING ARRANGEMENT
• CALANDRE A PLUSIEURS ROULEAUX ET DISPOSITIF DE CALANDRAGE

(71) **METSO PAPER, INC.** [FI/FI]; Fabianinkatu 9 A, FIN-00130 Helsinki (FI). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KOIVUKUNNAS, Pekka** [FI/FI]; Kauhavankuja 5, FIN-04430 Järvenpää (FI). **LUOMI, Seppo** [FI/FI]; Purukuja 2 A, FIN-04440 Järvenpää (FI). **LINNONMAA, Pekka** [FI/FI]; Sipoontie 6 as. 3, FIN-04400 Järvenpää (FI). **TANI, Mikko** [FI/FI]; Mikkolantie 4 C 11, FIN-04300 Tusula (FI).

(74) **FORSSÉN & SALOMAA OY**; Yrjönkatu 30, FIN-00100 Helsinki (FI).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **D21H**

(11) **WO 01/71092** (13) A2

(21) PCT/US01/09424

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,556 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROTEINS AND POLYMERS FOR USE AS PITCH AND STICKIES CONTROL AGENTS IN PULP AND PAPERMAKING PROCESSES
• PROTEINES ET POLYMERES UTILISES COMME AGENTS DE REGULATION DU DEPOT DE POIX ET D'ELEMENTS ADHESIFS DANS LES PROCESSUS DE FABRICATION DE PAPIER ET DE PATE A PAPIER

(71) **HERCULES INCORPORATED** [US/US]; Hercules Plaza, 1313 North Market Street, Wilmington, DE 19894-0001 (US).

(72) **NGUYEN, Duy, T.**; 9186 Spindle Tree Way, Jacksonville, FL 32256 (US). **GU, Qu-Ming**; 130 Yardley Place, Hockessin, DE 19707 (US).

(74) **SAMUELS, Gary, A.**; Hercules Incorporated, Hercules Plaza, 1313 North Market Street, Wilmington, DE 19894-0001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **D21H 19/42**

(11) **WO 01/71093** (13) A1

(21) PCT/SE01/00517

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 0000926-6 **20 Mar/mar 2000** SE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COATING COMPOSITION FOR A PAPER AND PAPER COATED THEREWITH
• COMPOSITION DE COUCHAGE POUR PAPIER ET PAPIER REVETU AVEC CETTE COMPOSITION

(71) **STORA KOPPARBERGS BERGSLAGS AKTIEBOLAG (publ)** [SE/SE]; Åsgatan 22, S-791 80 Falun (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HÅKANSSON, Philip** [SE/SE]; Vintervägen 9, S-294 37 Sölvesborg (SE). **KLEINHENZ, Kilian** [SE/SE]; Leingarydsvägen 466, S-294 95 Näsum (SE). **SJÖLIN, Karen** [SE/SE]; Klockarevägen 7, S-791 33 Falun (SE). **STRÖM, Göran** [SE/SE]; Letstigen 48, S-128 48 Bagarmossen (SE). **HAUGWITZ, Bengt** [SE/SE]; Berners väg 13, S-295 35 Bromölla (SE). **FORSSTEN, Annette** [SE/SE]; Gråvägen 43, S-784 36 Borlänge (SE).

(74) **HYNELL, Magnus** et al. / etc.; Hynell Patenttjänst AB, Patron Carls väg 2, S-683 40 Hagfors/Uddeholm (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **D21J 3/00**

(11) **WO 01/71094** (13) A1

(21) PCT/JP01/02245

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-077722 **21 Mar/mar 2000** JP **(21.03.2000)**

(30) 2000-077723 **21 Mar/mar 2000** JP **(21.03.2000)**

(30) 2000-077724 **21 Mar/mar 2000** JP **(21.03.2000)**

(30) 2000-077725 **21 Mar/mar 2000** JP **(21.03.2000)**

(30) 2000-077726 **21 Mar/mar 2000** JP **(21.03.2000)**

(30) 2000-077727 **21 Mar/mar 2000** JP **(21.03.2000)**

(30) 2000-077728 **21 Mar/mar 2000** JP **(21.03.2000)**

(30) 2000-077729 **21 Mar/mar 2000** JP **(21.03.2000)**

(30) 2000-077730 **21 Mar/mar 2000** JP **(21.03.2000)**

(30) 2000-077731 **21 Mar/mar 2000** JP **(21.03.2000)**

(30) 2000-077732 **21 Mar/mar 2000** JP **(21.03.2000)**

(30) 2000-077733 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HARDENED BODY, AND METHOD AND DEVICE FOR MANUFACTURING THE HARDENED BODY
• CORPS DURCI ET PROCEDE ET DISPOSITIF DE PRODUCTION DUDIT CORPS DURCI

(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) **MATSUNO, Yoshiya** [JP/JP]; c/o Ibiden Co., Ltd., 1, Kandacho 2-chome, Ogaki-shi, Gifu 503-0917 (JP). **SATO, Kenji** [JP/JP]; c/o Ibiden Co., Ltd., 1, Kandacho 2-chome, Ogaki-shi, Gifu 503-0917 (JP). **OGAWA, Satoshi** [JP/JP]; c/o Ibiden Co., Ltd., 1, Kandacho 2-chome, Ogaki-shi, Gifu 503-0917 (JP). **NOMURA, Toshihiro** [JP/JP]; c/o Ibiden Co., Ltd., 1, Kandacho 2-chome, Ogaki-shi, Gifu 503-0917 (JP).

(74) **TASHITA, Akihito** et al. / etc.; Horii-Bldg., 3F, 1-27, Kamimaezu 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0013 (JP).

(81) CA CN ID KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **D21J 3/10**

(11) **WO 01/71095** (13) A1

(21) PCT/JP01/02160

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ja (26) ja

(30) 2000-81443 **23 Mar/mar 2000** JP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DRY SAND MOLD FOR PULP MOLDINGS
• MOULE EN SABLE SEC POUR PIECES MOULEES EN PULPE AGGLOMEREE

(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) **OTANI, Kenichi** [JP/JP]; c/o Kao Corporation, Research Laboratories, 2606,

Akabane, Ichikai-machi, Haga-gun, Tochigi 321-3426 (JP). **ODAJIMA, Shingo** [JP/JP]; c/o Kao Corporation, Research Laboratories, 2606, Akabane, Ichikai-machi, Haga-gun, Tochigi 321-3426 (JP). **SONO, Tokihito** [JP/JP]; c/o Kao Corporation, Research Laboratories, 2606, Akabane, Ichikai-machi, Haga-gun, Tochigi 321-3426 (JP).

(74) **HATORI, Osamu** et al. / etc.; Akasaka HKN Bldg. 6F, 8-6, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) AU BR CN KR RU US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **E01C 23/09, 23/18**

(11) **WO 01/71096** (13) A1

(21) PCT/DK00/00512

(22) **15 Sep/sep 2000 (15.09.2000)**

(25) en (26) en

(30) 09/533,698 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A JET-BLASTER DEVICE
• DISPOSITIF DE PROJECTION A JETS

(71, 72) **ZACHO, Bo, Ravnsbaek** [DK/DK]; Oestermarksvej 12, Bjedstrup, DK-8660 Skanderborg (DK).

(74) **PATRADE A/S**; Fredens Torv 3A, DK-8000 Aarhus C (DK).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E01C 23/20**

(11) **WO 01/71097** (13) A1

(21) PCT/US00/24331

(22) **31 Aug/août 2000 (31.08.2000)**

(25) en (26) en

(30) 09/532,672 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FLAME-SPRAYER FOR SPRAYING CURBS
• PISTOLET A FLAMME DE REVETEMENT DES BORDURES DE CHAUSSEE

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3m Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **KUSILEK, Thomas, V.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **MCAULEY, James, P.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **HOFMANN, Rudolph, P., Jr.** 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 BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E01H 4/02**

(11) **WO 01/71098** (13) A1

(21) PCT/CA01/00380

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/191,114 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SNOW GROOMER WITH A VARIABLE SNOWCHAMBER TILLER ASSEMBLY
• MACHINE A DAMER LES PISTES DOTEE D'UN ENSEMBLE DAME PRESENTANT UNE CHAMBRE DE NEIGE VARIABLE

(63) US PCT/CA00/01501 (CIP) 15 Dec/déc 2000 (15.12.2000)

(71) **BOMBARDIER INC.** [CA/CA]; 565 de la Montagne Street, Valcourt, Québec J0E 2L0 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LASSONDE, Jean-Philippe** [CA/CA]; 220, Du Nenuphar Street, Granby, Québec J2H 2J9 (CA).

(74) **ZISCHKA, Matthew**; Smart & Biggar, 438 University Avenue, Toronto, Ontario M5G 2K8 (CA).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **E02B**

(11) **WO 01/71099** (13) A2

(21) PCT/NL01/00218

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) nl (26) en

(30) 1014688 **18 Mar/mar 2000** NL **(18.03.2000)**

(30) 1017109 **15 Jan/jan 2001** NL **(15.01.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • WATER-RETAINING STRUCTURE
• STRUCTURE DE RETENUE D'EAU

(71, 72) **RIJLAARSDAM, Cornelis, Elizabeth** [NL/NL]; Boddens Hosangweg 84, NL-2481 La Woubrugge (NL).

(74) **DE HOOP, Eric**; c/o Octrooibureau Vriesendorp & Gaade, P.O. Box 266, NL-2501 AW The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E02B 3/10**

(11) **WO 01/71100** (13) A1

(21) PCT/EP00/10302

(22) **19 Oct/oct 2000 (19.10.2000)**

(25) de (26) de

(30) 200 05 056.7 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FLOOD PROTECTION CONTAINER
• CONTENANT POUR LA PROTECTION CONTRE LES CRUES

(71, 72) **SCHÄLIKE, Holger** [DE/DE]; Babostrasse 1, 93055 Regensburg (DE).

(74) **HERDEN, Andreas**; Blumbach, Kramer & Partner GbR, Alexandrastr. 5, 65187 Wiesbaden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E02B 3/10**

(11) **WO 01/71101** (13) A1

(21) PCT/EP01/03154

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) de (26) de

(30) 200 05 056.7 **20 Mar/mar 2000** DE **(20.03.2000)**

(30) PCT/EP00/10302 **19 Oct/oct 2000** EP **(19.10.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HIGH-WATER PROTECTION CONTAINER

• RECIPIENT DE PROTECTION CONTRE LES HAUTES EAUX

(71, 72) **SCHÄLIKE, Holger** [DE/DE]; Babostrasse 1, 93055 Regensburg (DE).

(74) **HERDEN, Andreas**; Blumbach, Kramer & Partner GbR, Alexandrastrasse 5, 65187 Wiesbaden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E02D**

(11) **WO 01/71102** (13) A2

(21) PCT/SE01/00567

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) sv (26) en

(30) 0001028-0 **23 Mar/mar 2000** SE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR VENTILATION OF FOUNDATIONS

• PROCEDE ET DISPOSITIF D'AERATION DE FONDATIONS

(71, 72) **STENEBY, Bengt** [SE/SE]; Fornfyndsvägen 14 A, S-433 41 Partille (SE). **MATTSSON, Torsten** [SE/SE]; Charles väg 16, S-436 55 Hovås (SE).

(74) **AXELSSON, Rolf** et al. / etc.; Kransell & Wennborg AB, P.O. Box 27834, S-115 93 Stockholm (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E02D 5/80, E04H 12/22**

(11) **WO 01/71103** (13) A1

(21) PCT/FR01/00853

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) fr (26) fr

(30) 00/03725 **23 Mar/mar 2000** FR **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM FOR ANCHORING OF OBJECTS IN THE GROUND

• SYSTEME D'ANCRAGE D'OBJETS DANS LE SOL

(71, 72) **DEJOUX, André** [FR/FR]; 33, rue de Fontarabie, F-75020 Paris (FR). **LIESSE, Maurice** [FR/FR]; 4, Logis de la Pie, F-94100 Saint-Maur (FR).

(74) **DEJOUX, André**; 33, rue de Fontarabie, F-75020 Paris (FR).

(81) AU BR CA CN CZ HU IL IN JP KR MA MX NO PL RO TR US ZA.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **E02D 23/02, 23/10**

(11) **WO 01/71104** (13) A1

(21) PCT/US01/04523

(22) **9 Feb/fév 2001 (09.02.2001)**

(25) en (26) en

(30) 09/528,038 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HYDROSTATIC EQUALIZATION FOR AN OFFSHORE STRUCTURE

• EGALISATION HYDROSTATIQUE POUR STRUCTURE OFFSHORE

(71) **J. RAY MCDERMOTT, S.A.** [US/US]; 1450 Poydras Street, New Orleans, LA 70112 (US).

(72) **HANEY, James, Allan**; 5015 Grape Street, Houston, TX 77096-1512 (US).

(74) **LAHAYE, D., Neil** et al. / etc.; McDermott Incorporated, 1450 Poydras Street, New Orleans, LA 70112 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **E02D 27/52, E02B 17/02**

(11) **WO 01/71105** (13) A1

(21) PCT/DK01/00189

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) da (26) en

(30) PA 2000 00490 **23 Mar/mar 2000** DK **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR ESTABLISHING A FOUNDATION IN A SEABED FOR AN OFFSHORE FACILITY AND THE FOUNDATION ACCORDING TO THE METHOD

• PROCEDE DE REALISATION DANS UN FOND MARIN DE LA FONDATION D'UNE INSTALLATION OFF SHORE, ET FONDATION ASSOCIEE

(71, 72) **SCHAKENDA, Bruno** [DK/DK]; c/o MarCon A/S, Hjørringvej 143H, DK-9900 Frederikshavn (DK). **GJERDE, Svein, Rune** [NO/NO]; N-6070 Tjørvåg (NO).

(74) **PATRADE A/S**; Fredens Torv 3A, DK-8000 Aarhus C (DK).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E02F 3/28, 7/06, B01D 61/14**

(11) **WO 01/71106** (13) A1

(21) PCT/US01/09025

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,809 **21 Mar/mar 2000** US **(21.03.2000)**

(30) 60/197,551 **17 Apr/avr 2000** US **(17.04.2000)**

(30) 09/812,996 **20 Mar/mar 2001** US **(20.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SECURE DREDGING SYSTEM AND WATER TREATMENT VESSEL

• SYSTÈME DE DRAGAGE SÉCURISÉ ET CUVE DE TRAITEMENT D'EAU

(71, 72) **CHESNER, Warren, Howard** [US/US]; 3277 Benjamin Road, Oceanside, NY 11572 (US). **MELROSE, James** [US/US]; 600 Robinson Lane, Greenport, NY 11944 (US).

(74) **WALKER, Alfred, M.**; 225 Old Country Road, Melville, NY 11747 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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Declaration / Déclaration :
(u) for / pour US only / seulement

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(51)[7] **E02F 3/88**

(11) **WO 01/71107** (13) A1

(21) PCT/US00/07354

(22) **20 Mar/mar 2000 (20.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • EJECTOR MECHANISM FOR AN EXCAVATING WHEEL USED IN A DREDGING OPERATION AND ASSOCIATED METHOD
• MECANISME EJECTEUR POUR ROUE D'EXCAVATION UTILISE DANS DES OPERATIONS DE DRAGAGE ET PROCEDE ASSOCIE

(71) **CATERPILLAR, INC.** [US/US]; 100 N.E. Adams Street, Peoria, IL 61629-6490 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SATZLER, Ronnie, L.** [US/US]; 16615 W. Streitmatter Road, Princeville, IL 61559-9428 (US).

(74) **KERCHER, Kevin, M.** et al. / etc.; 100 N.E. Adams Street, Peoria, IL 61629-6490 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E02F 3/92**

(11) **WO 01/71108** (13) A1

(21) PCT/US00/07382

(22) **20 Mar/mar 2000 (20.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SHOE MECHANISM FOR AN EXCAVATING WHEEL AND ASSOCIATED METHOD
• MECANISME DE PATIN DESTINE A UNE ROUE EXCAVATRICE ET PROCEDE ASSOCIE

(71) **CATERPILLAR INC.** [US/US]; 100 N.E. Adams Street, Peoria, IL 61629-6490 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SATZLER, Ronnie, L.** [US/US]; 16615 W. Streitmatter Road, Princeville, IL 61559-9428 (US).

(74) **KERCHER, Kevin, M.** et al. / etc.; 100 N.E. Adams Street, Peoria, IL 61629-6490 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E02F 9/20, H04M 11/00**

(11) **WO 01/71109** (13) A1

(21) PCT/JP01/02229

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-082169 **23 Mar/mar 2000** JP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR TRANSMITTING MACHINE OPERATION DATA
• PROCEDE ET APPAREIL PERMETTANT DE TRANSMETTRE DES DONNEES DE FONCTIONNEMENT DE MACHINE

(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) **KOMATSU, Hideki** [JP/JP]; 618-50, Fukawa, Tone-machi, Kitasoma-gun, Ibaraki 300-1622 (JP). **ADACHI, Hiroyuki** [JP/JP]; 848, Okijyukumachi, Tsuchiura-shi, Ibaraki 300-0023 (JP). **WATANABE, Hiroshi** [JP/JP]; 1082-66, Tagucho, Ushiku-shi, Ibaraki 300-1236 (JP). **SHIBATA, Koichi** [JP/JP]; Shihoryo, 2-20-29, Kandatsuchuo, Tsuchiura-shi, Ibaraki 300-0011 (JP).

(74) **TAKE, Kenjiro**; Kashiwaya Building, 6-13, Nishishinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **E02F 9/22, F15B 11/08**

(11) **WO 01/71110** (13) A1

(21) PCT/JP00/06005

(22) **4 Sep/sep 2000 (04.09.2000)**

(25) ja (26) ja

(30) 2000-76002 **17 Mar/mar 2000** JP **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BOOM CYLINDER CONTROL CIRCUIT OF WORKING MACHINE
• CIRCUIT DE COMMANDE DE VERIN DE FLECHE DE MACHINE DE CHANTIER

(71) **SHIN CATERPILLAR MITSUBISHI LTD.** [JP/JP]; 10-1, Yoga 4-chome, Setagaya-ku, Tokyo 158-8530 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SHIMADA, Yoshiyuki** [JP/JP]; Shin Caterpillar Mitsubishi Ltd., 10-1, Yoga 4-chome, Setagaya-ku, Tokyo 158-8530 (JP). **YOSHINO, Tetsuya** [JP/JP]; Shin Caterpillar Mitsubishi Ltd., 10-1, Yoga 4-chome, Setagaya-ku, Tokyo 158-8530 (JP).

(74) **HIROSE, Tetsuo**; Nakanishi Building 5th floor, 2-5-6, Nishikanda, Chiyoda-ku, Tokyo 101-0065 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(a)*

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(51)[7] **E03D 5/00, 9/03**

(11) **WO 01/71111** (13) A1

(21) PCT/FI01/00270

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/531,791 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • APPARATUS FOR INJECTING A REAGENT INTO A STREAM OF RINSE FLUID
• APPAREIL DESTINE A INJECTER UN REACTIF DANS UN ECOULEMENT DE FLUIDE DE RINÇAGE

(71) **EVAC INTERNATIONAL OY** [FI/FI]; Purotie 1, FIN-00380 Helsinki (FI). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **STRADINGER, Jay, D.** [US/US]; 12742 Bellmawr Lane, Roscoe, IL 61073 (US).

(74) **AWEK INDUSTRIAL PATENTS LTD OY**; P.O. Box 230, John Stenbergin Ranta 2, FIN-00101 Helsinki (FI).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E03F 1/00**

(11) **WO 01/71112** (13) A1

(21) PCT/US01/08260

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/528,139 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • EFFLUENT DISTRIBUTION SYSTEM
• SYSTEME DE DISTRIBUTION D'UN EFFLUENT

(71) **ZOELLER COMPANY** [US/US]; 3280 Old Millers Lane, P.O. Box 16347, Louisville, KY 40256-0347 (US).

(72) **ZOELLER, Kenneth, E.**; 3280 Old Millers Lane, Louisville, KY 40256-0347 (US). **BYERS, Matthew, E.**; 1122 Buckley Lane, Lawrenceburg, KY 40342 (US).

(74) **COX, Scott, R.**; Lynch, Cox, Gilman & Mahan, P.S.C., Suite 2200, 400 West Market, Louisville, KY 40202 (US).

(81) AU CA NZ.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **E04B 1/38, 2/80**

(11) **WO 01/71113** (13) A1

(21) PCT/NO01/00120

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) no (26) en

(30) 20001491 **22 Mar/mar 2000** NO **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FASTENING DEVICE
• DISPOSITIF DE FIXATION

(71, 72) **GUSTAVSEN, Jan, Elling** [NO/NO]; Konnerudgt. 337, N-3030 Drammen (NO).

(74) **PROTECTOR INTELLECTUAL PROPERTY CONSULTANTS AS**; P.O. Box 5074 Majorstua, N-0301 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E04B 2/70**

(11) **WO 01/71114** (13) A1

(21) PCT/AT01/00069

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) de (26) de

(30) A 440/2000 **17 Mar/mar 2000** AT **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • WOODEN WALL OR CEILING ELEMENT
• ELEMENT DE PAROI OU DE PLAFOND

(71, 72) **GANAUS, Georg** [AT/AT]; A-3241 Kirnberg 70 (AT).

(74) **HÜBSCHER, Gerhard** et al. / etc.; Spittelwiese 7, A-4020 Linz (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E04B 7/14, E04H 9/16, 6/02**

(11) **WO 01/71115** (13) A1

(21) PCT/FR00/01640

(22) **14 Jun/juin 2000 (14.06.2000)**

(25) fr (26) fr

(30) 00/03861 **23 Mar/mar 2000** FR **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SHELTER FOR PROTECTION AGAINST HAIL
• ABRI ANTI-GRELE

(71) **RAVOYARD HOLDING** [FR/FR]; F-39380 Mont sous Vaudrey (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAVOYARD, Eric** [FR/FR]; F-39380 Mont sous Vaudrey (FR).

(74) **BALLOT, Paul**; Cabinet Ballot, 25 A, rue Proudhon, F-25000 Besançon (FR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E04B 9/30, B26F 1/24, E04B 1/84**

(11) **WO 01/71116** (13) A1

(21) PCT/FR00/00682

(22) **20 Mar/mar 2000 (20.03.2000)**

(25) fr (26) fr

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FLEXIBLE SHEET FABRICS FOR TENSILE STRUCTURES, METHOD FOR MAKING SAME, TENSILE FALSE CEILINGS COMPRISING SAME
• MATERIAUX SOUPLES EN FEUILLES POUR STRUCTURES TENDUES, PROCEDE DE REALISATION DE TELS MATERIAUX, FAUX PLAFONDS TENDUS COMPRENANT DE TELS MATERIAUX

(71) **NEWMAT, S.A.** [FR/FR]; 22, rue du Général Dame, F-59320 Haubourdin (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FONTAINE, Marc** [FR/FR]; 3, rue Florimond, Crespin, F-59320 Haubourdin (FR).

(74) **ECREPONT, Robert**; Société Civile Cabinet Ecrepont, 12, place Simon Vollant, F-59800 Lille (FR).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E04B 9/30, B44C 7/02**

(11) **WO 01/71117** (13) A1

(21) PCT/FR00/00683

(22) **20 Mar/mar 2000 (20.03.2000)**

(25) fr (26) fr

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ELEMENTS OF STRETCHED FALSE CEILING, USE OF SAME FOR PRODUCING FALSE WALLS AND FALSE CEILINGS
• ELEMENTS DE FAUSSE CLOISON TENDUE, APPLICATION DE TELS ELEMENTS A LA REALISATION DE FAUX MURS ET FAUX PLAFONDS

(71) **NEWMAT, SA** [FR/FR]; 22, rue du Général Dame, F-59320 Haubourdin (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FONTAINE, Marc** [FR/FR]; 3, rue Florimond, Crespin, F-59320 Haubourdin (FR).

(74) **ECREPONT, Robert**; Société Civile Cabinet Ecrepont, 12, place Simon Vollant, F-59800 Lille (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E04C 2/08, 2/38, E04B 2/56**

(11) **WO 01/71118** (13) A1

(21) PCT/AU01/00329

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) PQ 6429 **23 Mar/mar 2000** AU **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A BUILDING FRAME BRACING PANEL AND METHOD
• PANNEAU DE RENFORCEMENT POUR BATI DE CONSTRUCTION ET PROCEDE AFFERENT

(71, 72) **WILSON, William, Robert** [AU/AU]; Unit 4, 16 Ewing Road, Logan Central, Queensland 4114 (AU).

(74) **INTELLPRO**; GPO Box 1339, Level 7, 102 Adelaide Street, Brisbane, Queensland 4001 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI

SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E04C 2/52**

(11) **WO 01/71119** (13) A1

(21) PCT/GB01/01272

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 0007000.3 **22 Mar/mar 2000** GB **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMPOSITE BUILDING COMPONENTS
• ELEMENTS STRUCTURELS DE BATIMENTS COMPOSITES

(71) **INTERNATIONAL CONCEPT TECHNOLOGIES NV** [NL/GB]; Tor Hie, The Mantle Corporation, Thames Mews, Portsmouth Road, Esher, Surrey KT10 9AD (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOIE, Tor, H.** [NO/GB]; 10 Gresham House, Ditton Close, Watts Road, Thames Ditton, Surrey KT7 0BZ (GB). **SWANN, Peter, J.** [GB/GB]; 1 Kilrue Lane, Walton on Thames, Surrey KT12 5BN (GB). **PALMER, Anthony** [GB/GB]; Sunnyside Cottage, May Road, Turvey, Beds MK43 8DT (GB).

(74) **FINDLAY, Alice, Rosemary**; Lloyd Wise, Tregear & Co., Commonwealth House, 1-19 New Oxford Street, London WC1A 1LW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **E04C 3/12, E04G 23/02, F16B 5/02**

(11) **WO 01/71120** (13) A1

(21) PCT/EP01/03122

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) de (26) de

(30) 100 13 810.1 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • WOODEN BEAMS WITH SECTIONS THAT ARE SUBJECTED TO TRANSVERSAL TENSION
• POUTRE EN BOIS DOTEE DE SEGMENTS SOUMIS A UNE TRACTION LATERALE

(71) **SFS INDUSTRIE HOLDING AG** [CH/CH]; Nefenstrasse 30, CH-9435 Heerbrugg (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MATTLE, Paul** [CH/CH]; Widenstrasse 30a, CH-9443 Widnau (CH).

(74) **LUDESCHER, Hans**; SFS Stadler Gruppe, Patentabteilung, Nefenstrasse 30, CH-9435 Heerbrugg (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E04D 7/00, C04B 41/50**

(11) **WO 01/71121** (13) A1

(21) PCT/US01/06389

(22) **28 Feb/fév 2001 (28.02.2001)**

(25) en (26) en

(30) 09/531,187 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PHOTOCATALYTIC COMPOSITION AND METHOD FOR PREVENTING ALGAE GROWTH ON BUILDING MATERIALS
• COMPOSITION PHOTOCATALYTIQUE ET PROCEDE EMPECHANT LA CROISSANCE DES ALGUES SUR DES MATERIAUX DE CONSTRUCTION

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **JACOBS, Jeffry, L.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **SZYMANSKI, Brian, E.** et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **E04F 13/08, F21V 8/00**

(11) **WO 01/71122** (13) A1

(21) PCT/DE01/01062

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) de (26) de

(30) 100 13 496.3 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FLOOR OR WALL COVERING FROM CERAMICS, WOOD, PLASTIC, NATURAL OR ARTIFICIAL STONE, AND A TILE OR PANELS USED FOR THE SAME
• REVETEMENT EN CERAMIQUE, BOIS, MATIERE PLASTIQUE, PIERRE NATURELLE OU ARTIFICIELLE POUR PLANCHER OU PAROI, ET CARREAUX OU PANNEAUX UTILISES A CET EFFET

(71, 72) **HASECKE, Guido** [DE/DE]; Burlaer Strasse, 99848 Sättelstädt (DE). **HASECKE, Heinrich** [DE/DE]; Burlaer Strasse, 99848 Sättelstädt (DE).

(74) **WALTHER, WALTHER & HINZ**; Heimradstrasse 2, 34130 Kassel (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E04F 15/14, 15/02, E06B 1/62, E04G 21/30, E04B 2/82, 1/76**

(11) **WO 01/71123** (13) A2

(21) PCT/EP01/03191

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) de (26) de

(30) 100 13 676.1 **20 Mar/mar 2000** DE **(20.03.2000)**

(30) 100 41 362.5 **23 Aug/août 2000** DE **(23.08.2000)**

(30) 101 02 882.2 **23 Jan/jan 2001** DE **(23.01.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SEALING AND INSULATING SYSTEM HAVING A SEALING AND INSULATING PROFILE
• SYSTEME D'ETANCHEITE ET D'ISOLATION AVEC PROFILE D'ETANCHEITE ET D'ISOLATION

(71, 72) **KLEMENS, Josef** [DE/DE]; Mühlenweg 6, 54317 Lorscheid (DE).

(74) **HERRMANN-TRENTEPOHL, W.** et al. / etc.; Forstenrieder Allee 59, 81476 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E04H 3/24, 3/28**

(11) **WO 01/71124** (13) A1

(21) PCT/ES00/00095

(22) **21 Mar/mar 2000 (21.03.2000)**

(25) es (26) es

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • IMPROVED STAGE
• SCENE AMELIOREE

(71) **ULMA C Y E, S. COOP.** [ES/ES]; Ps. Otadui, 3, E-20560 Oñate (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FABIAN MARIEZCURRENA, Aitor** [ES/ES]; Labeaga, 7 -1º Drcha, E-20700 Urretxu (ES).

(74) **CARPINTERO LOPEZ, Francisco**; Herrero & Asociados, S.L., Calle / Alcalá, 21, E-28014 Madrid (ES).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E04H 4/16, A46B 15/00**

(11) **WO 01/71125** (13) A1

(21) PCT/IB01/00379

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 99/6560 **18 Mar/mar 2000** ZA **(18.03.2000)**

(30) 2000/4061 **10 Aug/août 2000** ZA **(10.08.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • POOL CLEANER BRUSH
• BROSSE POUR LE NETTOYAGE DE PISCINES

(71) **SPIES, Erhard, Bruno** [ZA/ZA]; 1 Zambezi Road, Emmarentia, 2195 Gauteng Province (ZA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GOLITZ, Joseph** [ZA/ZA]; 151 Ormonde Drive, Mondeor, 2091 Gauteng Province (ZA).

(74) **JOHN & KERNICK**; P.O. Box 3511, Halfway House, 1685 Midrand (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E04H 15/20**

(11) **WO 01/71126** (13) A1

(21) PCT/US00/07706

(22) **23 Mar/mar 2000 (23.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEPLOYABLE SPACE FRAME AND METHOD OF DEPLOYMENT THEREFOR
• STRUCTURE DE COUVERTURE DEPLOYABLE ET PROCEDE DE DEPLOIEMENT ASSOCIE

(71) **ILC DOVER, INC.** [US/US]; One Moonwalker Road, Frederica, DE 19946-2080 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CADOGAN, David, P.** [US/US]; 107 Bohemian Drive, Middletown, DE 19709 (US).

(74) **PAVELKO, Thomas, P.**; Stevens, Davis, Miller & Mosher, L.L.P., Suite 850, 1615 L Street, N.W., Washington, DC 20036 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E05B 13/10, E05C 9/02**

(11) **WO 01/71127** (13) A1

(21) PCT/DE01/01048

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) de (26) de

(30) 100 13 487.4 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LOCKING DEVICE FOR DOORS OF HOUSINGS OR CABINETS WITH A NARROW FRAME PROFILE
• DISPOSITIF DE FERMETURE POUR PORTES DE BOITIERS OU ARMOIRES A PROFILE DE CADRE ETROIT

(71) **EMKA BESCHLAGTEILE GMBH & CO. KG** [DE/DE]; Langenberger Strasse 32, 42551 Velbert (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOFFMANN, Rainer** [DE/DE]; Pestalozzistrasse 37, 40764 Langenfeld (DE).

(74) **MÜLLER, Karl-Ernst** et al. / etc.; Turmstrasse 22, 40878 Ratingen (DE).

(81) BR JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **E05B 13/10, F16B 41/00**

(11) **WO 01/71128** (13) A1

(21) PCT/US01/06444

(22) **28 Feb/fév 2001 (28.02.2001)**

(25) en (26) en

(30) 09/532,334 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • THREADED HOLE LOCKING DEVICE
• DISPOSITIF DE VERROUILLAGE PRESENTANT UN ORIFICE FILETE

(71) **ACCO BRANDS, INC.** [US/US]; 300 Tower Parkway, Lincoln, IL 60069 (US).

(72) **ZEREN, Greg**; 872 Pippin Avenue, Sunnyvale, CA 94087 (US). **HURD, Jonathan**; 15 Park Avenue, Mill Valley, CA 94941 (US). **DERMAN, Jay, S.**; P.O. Box 3823, Palos Verdes Peninsula, CA 90274 (US). **HAHN, Brian**; 422 Lamont Terrace, Buffalo Grove, IL 60089 (US). **MARTINEZ, Richard, A.**; 936 Forest, River Forest, IL 60305 (US). **JUDA, Darek**; Apartment 1N, 10034 Holly Lane, Des Plaines, IL 60016 (US).

(74) **WOODS, Michael, E.** et al. / etc.; McCutchen, Doyle, Brown & Enersen, LLP, Three Embarcadero Center, San Francisco, CA 94111-4067 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E05B 19/00, G06F 17/50, B21D 53/42, B23C 3/35, B23Q 15/00**

(11) **WO 01/71129** (13) A1

(21) PCT/JP01/02218

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-81425 **23 Mar/mar 2000** JP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • KEY INFORMATION REGISTRATION PROCEDURE ASSISTING SYSTEM, RECORDED MEDIUM, AND KEY PLATE CUTTER
• SYSTEME D'AIDE A LA PROCEDURE D'ENREGISTREMENT D'INFORMATIONS CONCERNANT UNE CLE, SUPPORT D'ENREGISTREMENT ET COUPEUSE D'ECUSSON

(71) **KAWAI SHOKAI KABUSHIKI KAISHA** [JP/JP]; 10-12, Shirane 8-chome, Asahi-ku, Yokohama-shi, Kanagawa 241-0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAWAI, Masaji** [JP/JP]; c/o KAWAI SHOKAI KABUSHIKI KAISHA, 10-12, Shirane 8-chome, Asahi-ku, Yokohama-shi, Kanagawa 241-0005 (JP).

(74) **TOMITA, Kazuko** et al. / etc.; 7F, Yokohama HS-Bldg., 9-10, Kitasaiwai 2-chome, Nishi-ku, Yokohama-shi, Kanagawa 220-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E05B 19/22**

(11) **WO 01/71130** (13) A1

(21) PCT/SE01/00569

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) sv (26) en

(30) 0000956-3 **21 Mar/mar 2000 (21.03.2000)** SE

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INDICATING MEANS FOR KEY
• MOYEN D'INDICATION POUR CLE

(71, 72) **CARLSSON, Ingmar** [SE/SE]; Skidbacken 16, S-174 54 Sundbyberg (SE).

(74) **STRANDIN, Heléne** et al. / etc.; Bergenstråhle & Lindvall AB, Box 17704, S-118 93 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E05B 47/00**

(11) **WO 01/71131** (13) A2

(21) PCT/ZA01/00034

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 2000/1482 **24 Mar/mar 2000 (24.03.2000)** ZA

(30) 2000/3107 **21 Jun/juin 2000 (21.06.2000)** ZA

(30) 2001/0302 **11 Jan/jan 2001 (11.01.2001)** ZA

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LOCK
• VERROU

(71) **AZOTEQ (PTY) LTD.** [ZA/ZA]; 109 Main Street, 7646 Paarl (ZA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRUWER, Frederick, Johannes** [ZA/ZA]; 109 Main Street, 7646 Paarl (ZA). **AUCAMP, Brandt** [ZA/ZA]; 109 Main Street, 7646 Paarl (ZA). **VARI, Lajos, Monte** [ZA/ZA]; Centurion Residential Estate and Country Club, 103 Monte Carlo Drive, Centurion, 0002 Pretoria (ZA).

(74) **RADEMEYER, Montague, Ampie, John**; McCallum Rademeyer & Freimond, 7 Maclyn House, P.O. Box 1130, Bordeaux, 2125 Randburg (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E05B 73/00, 69/00**

(11) **WO 01/71132** (13) A1

(21) PCT/US00/28708

(22) **17 Oct/oct 2000 (17.10.2000)**

(25) en (26) en

(30) 09/532,382 **22 Mar/mar 2000 (22.03.2000)** US

(30) 09/543,610 **5 Apr/avr 2000 (05.04.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SLOT ADAPTER
• DISPOSITIF S'ADAPTANT DANS UNE FENTE

(71) **ACCO BRANDS, INC.** [US/US]; 300 Tower Parkway, Lincoln, IL 60069 (US).

(72) **ZEREN, Gregory**; 872 Pippin Avenue, Sunnyvale, CA 94087 (US). **RODGERS, Glenn**; 2855 Campus Drive, San Mateo, CA 94403 (US).

(74) **WOODS, Michael, E.** et al. / etc.; McCutchen, Doyle, Brown & Enersen, LLP, Three Embarcadero Center, San Francisco, CA 94111-4067 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E05B 73/00**

(11) **WO 01/71133** (13) A1

(21) PCT/US00/07245

(22) **17 Mar/mar 2000 (17.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SECURITY LOCKS
• DISPOSITIFS DE VERROUILLAGE DE SECURITE

(71) **SPOONFISH, INC.** [US/US]; Suite F, 117 Riverside Avenue, Newport Beach, CA 92663 (US).

(72) **FONTES, Ross, M.**; 8 Locke Court, Irvine, CA 92612 (US). **MARCH, Andrew, J.**; 26327 Spring Creek Circle, Lake Forest, CA 92630 (US). **MILLAR, David, R.**; 2821 North Preston Street, Orange, CA 92867 (US).

(74) **ENGLISH, William, A.** et al. / etc.; Lyon & Lyon LLP, Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071-2066 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(a)*

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(51)[7] **E05C 9/06, 9/02, E05B 63/00**

(11) **WO 01/71134** (13) A1

(21) PCT/EP01/03208

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) de (26) de

(30) 200 05 246.2 **21 Mar/mar 2000 (21.03.2000)** DE

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FITTING FOR A TOP-HUNG WINDOW, ESPECIALLY ON CARAVANS, MOBILE HOMES AND THE LIKE
• FERRURE DE VASISTAS, NOTAMMENT SUR CARAVANES, CAMPING-CARS ET VEHICULES SIMILAIRES

(71, 72) **NIESSEN, Hans, Wilhelm** [DE/DE]; Weissdornweg 13, 41844 Wegberg (DE).

(74) **KÖNIG PALGEN SCHUMACHER KLUIN**; Frühlingstrasse 43A, 45133 Essen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Published / Publiée : *(c)*

Declaration / Déclaration :
(u) for / pour US only / seulement

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(51)[7] **E05C 9/20, B23P 21/00**

(11) **WO 01/71135** (13) A1

(21) PCT/EP01/00183

(22) **10 Jan/jan 2001 (10.01.2001)**

(25) de (26) de

(30) 100 13 707.5 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CONNECTING POINT IN A WINDOW OR DOOR FITTING
• EMPLACEMENT D'ACCOUPLEMENT POUR FERRURE DE FENETRE OU DE PORTE

(71) **SIEGENIA-FRANK KG** [DE/DE]; Patentabteilung, Eisenhüttenstrasse 22, 57074 Siegen (DE).

(72) **LOOS, Horst**; Hofgasse 4, 57258 Freudenberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **E05D 7/00, 11/08**

(11) **WO 01/71136** (13) A1

(21) PCT/DE01/01097

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) de (26) de

(30) 100 13 726.1 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FLAP HINGE
• CHARNIERE POUR BATTANT

(71) **EDSCHA AG** [DE/DE]; Hohenhagener Strasse 26-28, 42855 Remscheid (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BECHTHOLD, Ralph** [DE/DE]; Sieperstrasse 42, 42855 Remscheid (DE).

(74) **BONNEKAMP, Horst** et al. / etc.; Bankstrasse 1, 40476 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **E05D 7/06, 7/084, 3/06, E06B 3/88**

(11) **WO 01/71137** (13) A1

(21) PCT/ES01/00096

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) es (26) es

(30) P 200000695 **22 Mar/mar 2000** ES **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SAFETY HINGE
• GOND DE SECURITE

(71, 72) **SAN MIGUEL DE JUANA, Julián** [ES/ES]; Ctra. Renedo, Klm. 4, E-47011 Valladolid (ES). **SOTO FERNANDEZ, Gaspar** [ES/ES]; Ctra. Renedo, Klm. 4, E-47011 Valladolid (ES).

(74) **COBAS HORCAJO, Susana**; Propi, S.L., Jorge Juan, 19, E-28001 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E05D 11/08, F16C 11/10**

(11) **WO 01/71138** (13) A1

(21) PCT/JP01/01924

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) ja (26) ja

(30) 2000-79855 **22 Mar/mar 2000** JP **(22.03.2000)**

(30) 2000-79856 **22 Mar/mar 2000** JP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HINGE DEVICE
• DISPOSITIF DE CHARNIERE

(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).

(74) **WATANABE, Noboru**; Kudanminami Green Bldg. 3F, 7-7, Kudanminami 3-chome, Chiyoda-ku, Tokyo 102-0074 (JP).

(81) CN ID IN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **E05D 15/16**

(11) **WO 01/71139** (13) A1

(21) PCT/EP01/03176

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 100 13 747.4 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • GUIDE RAIL COVER FOR AN OVERHEAD SECTIONAL DOOR
• COUVERCLE DE GLISSIERE POUR PORTE EN SECTIONS SUPERIEURE

(71, 72) **DÖRING, Erich** [CH/CH]; Im Hölzeli, 9442 Berneck (CH).

(74) **BEHRENS, Dieter**; Wuesthoff & Wuesthoff, Schweigerstrasse 2, 81541 München (DE).

(81) CN CZ PL RU.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **E05D 15/58**

(11) **WO 01/71140** (13) A1

(21) PCT/EP01/03147

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) de (26) de

(30) 100 14 285.0 **22 Mar/mar 2000** DE **(22.03.2000)**

(30) 100 51 965.2 **20 Oct/oct 2000** DE **(20.10.2000)**

(30) 100 52 598.9 **24 Oct/oct 2000** DE **(24.10.2000)**

(30) 100 54 849.0 **4 Nov/nov 2000** DE **(04.11.2000)**

(30) 100 63 832.5 **21 Dec/déc 2000** DE **(21.12.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FITTING FOR A WINDOW OR DOOR
• UNITE FERRURE POUR UNE FENETRE OU UNE PORTE

(71) **SCHÜCO INTERNATIONAL KG** [DE/DE]; Karolinenstrasse 1-15, 33609 Bielefeld (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHLÜTER, Heinrich** [DE/DE]; Neue Strasse 7a, 26789 Leer (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA

(BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **E05F 15/12**

(11) **WO 01/71141** (13) A1

(21) PCT/AT01/00081

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) de (26) de

(30) GM 213/2000 **21 Mar/mar 2000** AT **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AUTOMOBILE COVER PANEL WHICH OPENS BY MEANS OF HINGES
• PANNEAU DE COUVERTURE RELEVABLE POUR VEHICULE A MOTEUR

(71) **STEYR-DAIMLER-PUCH FAHRZEUGTECHNIK AG & CO KG** [AT/AT]; Liebenauer Hauptstrasse 317, A-8041 Graz (AT). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KRACHLER, Gerhard** [AT/AT]; Hauptplatz 20, A-8350 Fehring (AT).

(74) **KOVAC, Werner**; Magna Europa AG, 2. Haidequerstrasse 3, A-1111 Wien (AT).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **E06B 1/62**

(11) **WO 01/71142** (13) A1

(21) PCT/US01/08988

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/191,364 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • WINDOW SEAL CONSTRUCTION
• JOINT DE FENETRE

(71) **EXTERIOR RESEARCH AND DESIGN, L.L.C.** [US/US]; 1000 Lenora Street, Suite 401, Seattle, WA 98121 (US).

(72) **MURPHY, Colin**; 2557 11th Avenue West, Seattle, WA 98119 (US). **MILLS, Robert**; 10026 42nd Avenue Southwest, Seattle, WA 98146 (US). **LAM, Wei**; 9403 12th Avenue, Northeast, Seattle, WA 98115 (US). **LANDSBURGH, David**; 107 Alexander Street, Dunoon, Argyll (GB). **PHILLIPS, Charles**; 3611 Roxbury Street, Seattle, WA 98126 (US).

(74) **SQUIRE, William** et al. / etc.; Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein, 6 Becker Farm Road, Roseland, NJ 07068 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **E06B 1/68, E04B 1/61, E04C 2/38**

(11) **WO 01/71143** (13) A1

(21) PCT/SE01/00541

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) sv (26) en

(30) 0000961-3 **21 Mar/mar 2000** SE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A DEVICE IN A WINDOW OR WALL ELEMENT
• DISPOSITIF EQUIPANT UN MODULE FENETRE OU CLOISON

(71) **SANTEX AB** [SE/SE]; Box 513, S-301 80 Halmstad (SE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SANTESSON, Per-Olof** [SE/SE]; Sockenvägen 5, S-302 56 Halmstad (SE).

(74) **WALLENGREN, Yngvar** et al. / etc.; Patentbyrån Y Wallengren AB, Box 116, S-331 21 Värnamo (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DE (Utility model / modèle d'utilité) DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E06B 1/68, E04B 1/61, E04C 2/38**

(11) **WO 01/71144** (13) A1

(21) PCT/SE01/00542

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) sv (26) en

(30) 0000962-1 **21 Mar/mar 2000** SE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FINISHING PROFILE IN WINDOW OR WALL ELEMENTS
• PROFIL DE FINITION DANS DES ELEMENTS DE PAROI OU DE FENETRE

(71) **SANTEX AB** [SE/SE]; Box 513, S-301 80 Halmstad (SE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SANTESSON, Per-Olof** [SE/SE]; Sockenvägen 5, S-302 56 Halmstad (SE).

(74) **WALLENGREN, Yngvar** et al. / etc.; Patentbyrån Y Wallengren AB, Box 116, S-331 21 Värnamo (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DE (Utility model / modèle d'utilité) DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E06B 1/68, E04B 1/61, E04C 2/38**

(11) **WO 01/71145** (13) A1

(21) PCT/SE01/00543

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) sv (26) en

(30) 0000963-9 **21 Mar/mar 2000** SE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ANCHORAGE DEVICE
• DISPOSITIF D'ANCRAGE

(71) **SANTEX AB** [SE/SE]; Box 513, S-301 80 Halmstad (SE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SANTESSON, Per-Olof** [SE/SE]; Sockenvägen 5, S-302 56 Halmstad (SE).

(74) **WALLENGREN, Yngvar** et al. / etc.; Patentbyrån Y Wallengren AB, Box 116, S-331 21 Värnamo (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DE (Utility model / modèle d'utilité) DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E06B 3/667**

(11) **WO 01/71146** (13) A1

(21) PCT/EP01/03071

(22) **17 Mar/mar 2001 (17.03.2001)**

(25) de (26) de

(30) 100 13 897.7 **21 Mar/mar 2000** DE **(21.03.2000)**

(30) 200 16 996.3 **4 Oct/oct 2000** DE **(04.10.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LONGITUDINAL CONNECTOR FOR HOLLOW PROFILES
• CONNECTEUR LONGITUDINAL POUR PROFILES CREUX

(71) **ERBSLÖH ROLLTECH A/S** [DK/DK]; W. Brüels Vej 20, DK-9800 Hjorring (DK). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LANGNER, Andreas** [DE/DE]; Gartenheimstrasse la, 42555 Velbert (DE).

(74) **MENTZEL, Norbert**; Kleiner Werth 34, 42275 Wuppertal (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E06B 7/10, F24F 7/013**

(11) **WO 01/71147** (13) A1

(21) PCT/DE01/01099

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) de (26) de

(30) 100 14 037.8 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROFILE SYSTEM FOR A VENTILATING WINDOW
• SYSTEME PROFILE POUR FENETRE DE VENTILATION

(71) **HT TROPLAST AG** [DE/DE]; Mülheimer Strasse, Tor 3, 53840 Troisdorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OBERMEIER, Karl** [DE/DE]; Zum Kalkofen 43, 53844 Troisdorf (DE). **GRÄTSCH, Frank** [DE/DE]; Ahornstrasse 7a, 53859 Niederkassel (DE).

(74) **WÜBKEN, Ludger**; HT Troplast AG, Patentabteilung, Geb. 56, 53839 Troisdorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DE (Utility model / modèle d'utilité) DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E21B**

(11) **WO 01/71148** (13) A2

(21) PCT/US01/08102

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 60/190,811 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • GUIDE FOR ATTACHMENT TO A ROOF BOLTER TO ALLOW FOR CORE DRILLING
• GUIDE POUR FIXATION A UN BOULONNEUR PERMETTANT DE FORER-CAROTTER

(71) **THE GOVERNMENT OF THE UNITED STATES OF AMERICA, as represented by THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, CENTERS FOR DISEASE CONTROL AND PREVENTION** [US/US]; Technology Transfer Office, 1600 Clifton Road NE (E67), Atlanta, GA 30333 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PIERCE, Paul, A.** [US/US]; 6003 North Moore, Spokane, WA 99205 (US).

(74) **NOONAN, William, D.**; Klarquist, Sparkman, Campbell, Leigh & Whinston, LLP, Suite 1600, One World Trade Center, 121 SW Salmon Street, Portland, OR 97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E21B**

(11) **WO 01/71149** (13) A2

(21) PCT/US01/08703

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/532,725 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DRILL BIT STABILIZER
• STABILISATEUR DE TREPAN

(71) **ROTARY DRILLING TECHNOLOGY, LLC.** [US/US]; Suite 714, 16770 Hedgecroft, Houston, TX 77060 (US).

(72) **HARVEY, Peter, R.**; 6845 Goldpine Way, San Jose, CA 95120 (US). **WOODS, Michael, J.**; 15126 Lantern Creek, Houston, TX 77060 (US). **KRASE, Steven, J.**; 16210 Sir William Drive, Spring, TX 77379 (US).

(74) **MARCELLINO, Albert, J.**; Woodcock Washburn Kurtz MacKiewicz & Norris LLP, 46th floor, One Liberty Place, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E21B 4/14**

(11) **WO 01/71150** (13) A1

(21) PCT/IE01/00036

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) S2000/0221 **22 Mar/mar 2000** IE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • "DOWN-THE-HOLE" HAMMER WITH VARIABLE PRESSURE CHAMBER
• MOUTON PNEUMATIQUE DE FOND DE PUITS A CHAMBRE DE PRESSION VARIABLE

(71) **MINROC TECHNICAL PROMOTIONS LIMITED** [IE/IE]; Smithstown, Shannon, Co. Clare (IE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PURCELL, Joseph** [IE/IE]; 17 Tullyglass Hill, Shannon, Co. Clare (IE).

(74) **SHORTT, Peter, Bernard** et al. / etc.; Tomkins & Co., 5 Darmouth Road, Dublin 6 (IE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E21B 7/06, 34/14, 43/12**

(11) **WO 01/71151** (13) A1

(21) PCT/US01/08373

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/528,781 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TEMPLATE AND SYSTEM OF TEMPLATES FOR DRILLING AND COMPLETING OFFSITE WELL BORES
• GABARIT ET SYSTEME DE GABARITS DESTINES AU FORAGE ET A LA COMPLETION DE PUITS DE LIMITE

(71) **MARATHON OIL COMPANY** [US/US]; 5555 San Felipe, Houston, TX 77056 (US).

(72) **COLLINS, Gary, J.**; 2215 Landscape Way, Richmond, TX 77469 (US). **BAUGH, John, Lindley**; 7519 Plumtree Forest Court, Houston, TX 77095 (US). **MURRAY, Doug, J.**; 5922 Culross Close, Humble, TX 77346 (US). **MILLS, Aubrey, Clifton**; 30030 Hazy Hollow Lane, Magnolia, TX 77355 (US).

(74) **EBEL, Jack, E.**; 11735 Applewood Knolls Drive, Lakewood, CO 80215 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E21B 10/02, 10/64, 10/66**

(11) **WO 01/71152** (13) A1

(21) PCT/AU01/00309

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) PQ 6399 **21 Mar/mar 2000** AU **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SEGMENT FOR A CORE DRILL BIT AND METHOD OF MANUFACTURE
• SEGMENT UTILISE POUR UN FORET DE SONDEUSE A CARROTES ET PROCEDE DE FABRICATION

(71) **DHT TECHNOLOGIES LIMITED** [AU/AU]; 5B Shields Crescent, Booragoon, Western Australia 6153 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MCLEOD, Gavin, Thomas** [AU/AU]; 19 Blaven Way, Ardross, Western Australia 6153 (AU).

(74) **MIZZI, Anthony, Paul**; Griffith Hack, 256 Adelaide Terrace, Perth, Western Australia 6000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E21B 17/01, 19/24**

(11) **WO 01/71153** (13) A1

(21) PCT/NO00/00097

(22) **20 Mar/mar 2000 (20.03.2000)**

(25) no (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A RISER DEVICE
• COLONNE MONTANTE

(71) **HITEC ASA** [NO/NO]; Postboks 8181, N-4069 Stavanger (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GJEDEBO, Jon, Grude** [NO/NO]; Bergelandsgt. 51, N-4012 Stavanger (NO).

(74) **HÅMSØ, Eivind** et al. / etc.; Håmsø Patentbyrå ANS, Box 171, N-4302 Sandnes (NO).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E21B 19/16, B25B 13/50, E21B 31/20, 19/06**

(11) **WO 01/71154** (13) A1

(21) PCT/CA01/00375

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 2,301,963 **22 Mar/mar 2000** CA **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR HANDLING TUBULAR GOODS
• PROCEDE ET DISPOSITIF DE MANIPULATION D'OBJETS TUBULAIRES

(71) **NOETIC ENGINEERING INC.** [CA/CA]; 4628 Eleniak Road N.W., Edmonton, Alberta T6B 2S1 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SLACK, Maurice, William** [CA/CA]; 1831 - 104A Street, Edmonton, Alberta T6J 5C1 (CA). **KAISER, Trent, Michael, Victor** [CA/CA]; 10912 - 16 Avenue, Edmonton, Alberta T6J 5G6 (CA). **SHUTE, Daniel, Mark** [CA/CA]; 4417 - 42 Street, Beaumont, Alberta T4X 1G9 (CA).

(74) **THOMPSON, Douglas, B.**; c/o Thompson Lambert, Suite No. 103, 10328 - 81 Avenue, Edmonton, Alberta T6E 1X2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E21B 21/08**

(11) **WO 01/71155** (13) A1

(21) PCT/US01/06041

(22) **26 Feb/fév 2001 (26.02.2001)**

(25) en (26) en

(30) 09/528,334 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMMUNICATING WITH DEVICES POSITIONED OUTSIDE A LINER IN A WELLBORE
• COMMUNICATION AVEC DES DISPOSITIFS PLACES A L'EXTERIEUR D'UNE COLONNE PERDUE DANS UN PUITS DE FORAGE

(71) **SCHLUMBERGER TECHNOLOGY CORPORATION** [US/US]; Schlumberger Reservoir Completions, 14910 Airline Road, Rosharon, TX 77583-1590 (US).

(72) **RAYSSIGUIER, Christophe, M.**; 12919 Westleigh, Houston, TX 77077 (US). **JOHNSON, Michael, R.**; 7106 Cranford Court, Sugar Land, TX 77479 (US). **PRINGLE, Ronald, E.**; 12030 White Cap Lane, Houston, TX 77072 (US). **BOOKER, John, A.**; 9406 Crosby Way, Missouri City, TX 77459 (US). **KOSMALA, Alexandre, G., E.**; 305 Detering Street, Houston, TX 77007 (US).

(74) **GRIFFIN, Jeffrey, E.**; Schlumberger Technology Corporation, Schlumberger Reservoir Completions, P.O. Box 1590, Rosharon, TX 77583-1590 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E21B 33/04, 33/043**

(11) **WO 01/71156** (13) A1

(21) PCT/US01/01551

(22) **17 Jan/jan 2001 (17.01.2001)**

(25) en (26) en

(30) 60/191,701 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 09/653,132 **31 Aug/août 2000** US **(31.08.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A METHOD OF PROVIDING AN INTERNAL CIRCUMFERENTIAL SHOULDER IN A CYLINDRICAL PASSAGEWAY
• PROCEDE PERMETTANT D'OBTENIR UN EPAULEMENT CIRCULAIRE DANS UN PASSAGE CYLINDRIQUE

(71) **ERC INDUSTRIES, INC.** [US/US]; 1441 Park Ten Boulevard, Houston, TX 77084 (US).

(72) **SMITH, Jerry, D.**; 103 East Green Gables Circle, The Woodlands, TX 77382 (US).

(74) **JOHNSON, Paul, H.**; Head, Johnson & Kachigian, 228 West 17th Place, Tulsa, OK 74119 (US).

(81) AU GB SG.

(51)[7] **E21B 36/00, 43/01, 17/01**

(11) **WO 01/71157** (13) A1

(21) PCT/US01/07142

(22) **5 Mar/mar 2001 (05.03.2001)**

(25) en (26) en

(30) 09/527,799 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SUBTERRANEAN WELL COMPLETION APPARATUS WITH FLOW ASSURANCE SYSTEM AND ASSOCIATED METHODS
• APPAREIL DE COMPLETION DE PUITS SOUTERRAIN COMPORTANT UN SYSTEME DE DEBIT, ET PROCEDES ASSOCIES

(71) **HALLIBURTON ENERGY SERVICES, INC.** [US/US]; 2601 Beltline Road, Carrollton, TX 75006 (US).

(72) **NAQUIN, Carey, J.**; 100 Estates Lane, Youngville, LA 70592 (US). **FLOYD, Terry, L.**; 215 Kincaid Court, Lafayette, LA 70508 (US).

(74) **KONNEKER, J., Richard**; Konneker & Smith, P.C., 660 N. Central Expwy. #230, Plano, TX 75074 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E21B 43/38, 37/04, 43/12**

(11) **WO 01/71158** (13) A1

(21) PCT/NO01/00086

(22) **5 Mar/mar 2001 (05.03.2001)**

(25) en (26) en

(30) 2000 1446 **20 Mar/mar 2000** NO **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SUBSEA PRODUCTION SYSTEM
• SYSTÈME DE PRODUCTION SOUS-MARINE

(71) **KVÆRNER OILFIELD PRODUCTS AS** [NO/NO]; P.O. Box 94, N-1325 Lysaker (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OLSEN, Geir, Inge** [NO/NO]; Brettevillesgt. 33, N-0481 Oswlo (NO).

(74) **PROTECTOR INTELLECTUAL PROPERTY CONSULTANTS AS**; P.O. Box 5074 Majorstua, N-0301 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F01B 7/12, F02D 15/02, F02B 75/04**

(11) **WO 01/71159** (13) A1

(21) PCT/AT01/00073

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) de (26) de

(30) A 436/2000 **17 Mar/mar 2000** AT **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ENGINE, ESPECIALLY INTERNAL COMBUSTION ENGINE
• MOTEUR, NOTAMMENT MOTEUR A COMBUSTION INTERNE

(71, 72) **FRONIUS, Günter** [AT/AT]; A-4643 Pettenbach 152 (AT).

(81) AE AG AL AM AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F01C 9/00**

(11) **WO 01/71160** (13) A1

(21) PCT/NZ01/00045

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 338015 **23 Mar/mar 2000** NZ **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PISTON FOR AN INTERNAL COMBUSTION ENGINE
• PISTON DE MOTEUR A COMBUSTION INTERNE

(71) **PIVOTAL ENGINEERING LIMITED** [NZ/NZ]; Care of Mace Engineering Limited, 183 Durham Street, Christchurch 8006 (NZ).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MCLACHLAN, Paul, Anthony** [NZ/NZ]; 3 Woodfield Place, Woodend, Christchurch 8006 (NZ).

(74) **WEST-WALKER, Nigel**; 2c Wainoni Road, P.O. Box 24046, Christchurch 8006 (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F01C 21/02**

(11) **WO 01/71161** (13) A1

(21) PCT/JP01/02291

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) ja (26) ja

(30) 2000-87076 **23 Mar/mar 2000** JP **(23.03.2000)**

(30) 2000-87077 **23 Mar/mar 2000** JP **(23.03.2000)**

(30) 2000-87078 **23 Mar/mar 2000** JP **(23.03.2000)**

(30) 2000-271510 **4 Sep/sep 2000** JP **(04.09.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ROTARY FLUID MACHINERY
• MECANISME A FLUIDE ROTATIF

(71) **HONDA GIKEN KOGYO KABUSHIKI KAISHA** [JP/JP]; 1-1, Minami Aoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NIIKURA, Hiroyuki** [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). **TANIGUCHI, Hiroyoshi** [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). **BABA, Tsuyoshi** [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). **HONMA, Kensuke** [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). **HORIMURA, Hiroyuki** [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). **ENDOH, Tsuneo** [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). **KAWAKAMI, Yasunobu** [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). **KIMURA, Yasunari** [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). **SANO, Ryuji** [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). **MATSUMOTO, Kenji** [JP/JP]; c/o Kabushiki

Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).

(74) **OCHIAI, Takeshi** et al. / etc.; Nomura Fudosan Shinbashi 5-chome Bldg., 9-1, Shinbashi 5-chome, Minato-ku, Tokyo 105-0004 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **F01C 21/12, 13/02, 21/16, B25F 5/00**

(11) **WO 01/71162** (13) A1

(21) PCT/US00/14394

(22) **24 May/mai 2000 (24.05.2000)**

(25) en (26) en

(30) 09/533,753 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DOUBLE-THROW AIR MOTOR WITH REVERSE FEATURE
• MOTEUR PNEUMATIQUE INVERSABLE A DEUX JETS

(71) **COOPER BRANDS, INC.** [US/US]; P.O. Box 4446, Houston, TX 77210 (US).

(72) **ELLIS, Fife, Baker**; 12407 Dakar, Houston, TX 77065 (US).

(74) **OWEN, John, R.** et al. / etc.; Coats & Bennett, PLLC, P.O. Box 5, Raleigh, NC 27602 (US).

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **F01D 5/18**

(11) **WO 01/71163** (13) A1

(21) PCT/EP01/02755

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) de (26) de

(30) 00106245.4 **22 Mar/mar 2000** EP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COOLING SYSTEM FOR A TURBINE BLADE
• SYSTEME DE REFROIDISSEMENT POUR AUBE DE TURBINE

(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]; Gerichtstr. 4, 58452 Witten (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) CA CN IN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **F01D 5/18**

(11) **WO 01/71164** (13) A1

(21) PCT/EP01/02982

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) de (26) de

(30) 00106246.2 **22 Mar/mar 2000** EP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • REINFORCEMENT AND COOLING STRUCTURE OF A TURBINE BLADE
• STRUCTURE DE RIGIDIFICATION ET DE REFROIDISSEMENT D'UNE AUBE DE TURBINE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOLMS, Hans-Thomas** [DE/DE]; Oberstrasse 15, 45468 Mülheim (DE). **TIEMANN, Peter** [DE/DE]; Gerichtstrasse 4, 58452 Witten (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) CA CN IN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **F01D 5/22**

(11) **WO 01/71165** (13) A1

(21) PCT/IB01/00441

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) de (26) de

(30) 100 14 189.7 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FASTENING OF THE BLADES OF A COMPRESSION MACHINE
• FIXATION D'AUBES SUR UNE TURBOMACHINE

(71) **ALSTOM POWER N.V.** [NL/NL]; Hullenbergweg 393-395, NL-1101 CS Amsterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GÖTZFRIED, Eduard** [DE/DE]; Riedstrasse 19, 90584 Allersberg (DE). **WENDLER, Helmut** [DE/DE]; Höhenweg 7, 91239 Hengenfeld (DE). **MAY, Heinz** [DE/DE]; Lärchenweg 2, 90599 Dietenhofen (DE).

(74) **PÖPPER, Evamaria**; Alstom (Schweiz) AG, Intellectual Property CHSP, Haselstrasse 16/699/5.OG, CH-5400 Baden (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F01D 5/30**

(11) **WO 01/71166** (13) A1

(21) PCT/EP01/02629

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) de (26) de

(30) 00106142.3 **21 Mar/mar 2000** EP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TURBINE ROTOR BLADE
• AUBE MOBILE DE TURBINE

(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]; Gerichtstr. 4, 58452 Witten (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) CA CN IN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **F01L 1/34, 13/00**

(11) **WO 01/71167** (13) A1

(21) PCT/GB01/01249

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0006875.9 **21 Mar/mar 2000** GB **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • VALVE CONTROL MECHANISM
• MECANISME DE COMMANDE DE SOUPAPE

(71, 72) **WALTERS, Christopher, Paulet, Melmoth** [GB/GB]; East Kingston House, Kingston Lane, East Preston, Littlehampton, West Sussex BN16 1RS (GB).

(74) **ABRAMS, Michael, John**; Haseltine Lake & Co, Imperial House, 15-19 Kingsway, London WC2B 6UD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F01M 11/00, 11/06**

(11) **WO 01/71168** (13) A1

(21) PCT/EP01/00799

(22) **25 Jan/jan 2001 (25.01.2001)**

(25) de (26) de

(30) 100 14 368.7 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • OIL COLLECTING DEVICE AND OIL PUMP FOR AN INTERNAL COMBUSTION ENGINE
• DISPOSITIF RECEPTEUR D'HUILE ET POMPE A HUILE POUR UN 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) **BATZILL, Manfred** [DE/DE]; Moerikestrasse 33, 73765 Neuhausen (DE).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **F01N 3/035, 1/08, 1/12, 3/022, 3/28, 3/023**

(11) **WO 01/71169** (13) A1

(21) PCT/DK01/00192

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) PA 2000 00475 **21 Mar/mar 2000** DK **(21.03.2000)**

(30) pa 2000 00954 **19 Jun/juin 2000** DK **(19.06.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A SILENCER CONTAINING ONE OR MORE POROUS BODIES
• SILENCIEUX CONTENANT UN OU PLUSIEURS CORPS POREUX

(71) **SILENTOR HOLDING A/S** [DK/DK]; Baldersbuen 22, DK-2640 Hedehusene (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FREDERIKSEN, Svend** [DK/DK]; Masnedøgade 6E, 22, DK-2100 Copenhagen Ø (DK).

(74) **PLOUGMANN, VINGTOFT & PARTNERS A/S**; Sankt Annæ Plads 11, P.O. Box 3007, DK-1021 Copenhagen K (DK).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F01N 3/28**

(11) **WO 01/71170** (13) A1

(21) PCT/JP01/02248

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-079881 **22 Mar/mar 2000** JP **(22.03.2000)**

(30) 2000-080376 **22 Mar/mar 2000** JP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CATALYST CONVERTER AND DIESEL PARTICULATE FILTER SYSTEM
• CONVERTISSEUR CATALYTIQUE ET SYSTEME DE FILTRAGE DES PARTICULES DIESEL

(71) **IBIDEN CO., LTD.** [JP/JP]; 1, Kanda-cho 2-chome, Ogaki-shi, Gifu-ken 503-8604 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUKUSHIMA, Koji** [JP/JP]; c/o Ibiden Co., Ltd., 1, Kanda-cho 2-chome, Ogaki-shi, Gifu-ken 503-8604 (JP).

(74) **TAKAHASHI, Yoshiyasu** et al. / etc.; Meieki Nagata Building, 26-19, Meieki 3-chome, Nakamura-ku, Nagoya-shi, Aichi-ken 450-0002 (JP).

(81) CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **F02B**

(11) **WO 01/71171** (13) A2

(21) PCT/US01/09032

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/190,826 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • IN PLACE SUPERFINISHING OF CRANKSHAFT THRUST BEARING FACES
• SUPERFINITIONS IN SITU DE SURFACES DE PORTEE DE VILEBREQUIN

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **GARVIN, Doug**; 5114 Deerfield Drive, Fairview, PA 16415 (US). **CURRY, Floyd**; 837 Avonia Road, Fairview, PA 16415 (US).

(74) **MURPHY, Keith, J.**; Cantor Colburn LLP, 55 Griffin Road South, Bloomfield, CT 06002 (US).

(81) AU CA MX ZA.

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(51)[7] **F02C 3/20, 3/04, 7/12, F25J 3/04**

(11) **WO 01/71172** (13) A2

(21) PCT/FR01/00839

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) fr (26) fr

(30) 00/03583 **21 Mar/mar 2000** FR **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND INSTALLATION FOR GENERATING ENERGY
• PROCEDE ET INSTALLATION DE GENERATION D'ENERGIE

(71) **L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE** [FR/FR]; 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRUGEROLLE, Jean-Renaud** [FR/FR]; 9, rue des Bauches, F-75016 Paris (FR). **FUENTES, François** [FR/FR]; 21, avenue Maurice Berteaux, F-78110 Le Vésinet (FR).

(74) **LE MOENNER, Gabriel**; L'Air Liquide S.A., 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **F02D 9/02**

(11) **WO 01/71173** (13) A1

(21) PCT/DE01/01063

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) de (26) de

(30) 100 13 917.5 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEVICE FOR RESETTING A THROTTLE VALVE
• DISPOSITIF DE RAPPEL D'UN PAPILLON DES 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) **KAISER, Klaus** [DE/DE]; Blumenstrasse 56, 71706 Markgroeningen (DE). **HAMMER, Uwe** [DE/DE]; Münchingerstrasse 10, 71282 Hemmingen (DE).

(81) AU JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **F02D 41/20**

(11) **WO 01/71174** (13) A1

(21) PCT/DE01/00499

(22) **9 Feb/fév 2001 (09.02.2001)**

(25) de (26) de

(30) 100 14 228.1 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND DEVICE FOR THE CONTROL OF A FUEL INJECTION VALVE
• PROCEDE ET DISPOSITIF POUR LA COMMANDE D'UNE VALVE D'INJECTION DE CARBURANT

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **REISCHL, Rolf** [DE/DE]; Durlehaustrasse 14, 70499 Stuttgart (DE). **EICHENDORF, Andreas** [DE/DE]; Paulinenstrasse 11/1, 73164 Schorndorf (DE). **PISCHKE, Ulf** [DE/DE]; Betzweiler Strasse 21, 70563 Stuttgart (DE). **ECKHARDT, Juergen** [DE/DE]; Am Muehlberg 15, 71706 Markgroeningen (DE). **MUELLER, Klaus** [DE/DE]; Strassenaecker 50, 71679 Asperg (DE).

(81) BR IN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

(51)[7] **F02F 11/00**

(11) **WO 01/71175** (13) A1

(21) PCT/US01/07283

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) en (26) en

(30) 09/532,636 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMBUSTOR SEAL ASSEMBLY
• ENSEMBLE JOINT ETANCHE DE CHAMBRE A COMBUSTION

(71) **ALLISON ADVANCED DEVELOPMENT COMPANY** [US/US]; P.O. Box 7162, Indianapolis, IN 46206 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RICE, Edward, C.** [US/US]; 5439 Deer Creek Avenue, Indianapolis, IN 46254 (US). **RESS, Robert, A., Jr.** [US/US]; 218 W. Admiral way, Carmel, IN 46032 (US).

(74) **ALLIE, John, H.** et al. / etc.; Woodard, Emhardt, Naughton, Moriarty & McNett, 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F02G**

(11) **WO 01/71176** (13) A2

(21) PCT/US01/08734

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/190,621 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND SYSTEM FOR GENERATING POWER
• PROCEDE ET SYSTEME DE GENERATION DE PUISSANCE

(71) **EXXONMOBIL CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520-2101 (US).

(72) **MITTRICKER, Frank, F.**; 3411 Stanford, Houston, TX 77006 (US). **TURNER, Michael**; 223 Sugarberry Circle, Houston, TX 77024 (US).

(74) **ZBORAY, James, A.** et al. / etc.; ExxonMobil Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F02M**

(11) **WO 01/71177** (13) A2

(21) PCT/DE01/01059

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) de (26) de

(30) 100 14 451.9 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND DEVICE FOR INFLUENCING THE INJECTION PRESSURE DISTRIBUTION ON INJECTORS
• PROCEDE ET DISPOSITIF DESTINES A INFLUENCER LA REPARTITION DE LA PRESSION D'INJECTION SUR DES INJECTEURS

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RODRIGUEZ-AMAYA, Nestor** [DE/DE]; Dennerstrasse 70, 70372 Stuttgart (DE). **POTSCHIN, Roger** [DE/DE]; Fliederstrasse 19, 74336 Brackenheim (DE). **PROJAHN, Ulrich** [DE/DE]; Weinbergstrasse 91, 71229 Leonberg (DE).

(81) BR CN CZ IN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **F02M**

(11) **WO 01/71178** (13) A2

(21) PCT/DE01/01060

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) de (26) de

(30) 100 14 450.0 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FUEL INJECTION DEVICE WITH A VARIABLE INJECTION PRESSURE PROFILE
• DISPOSITIF D'INJECTION DE CARBURANT AVEC PROFIL DE PRESSION D'INJECTION VARIABLE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RODRIGUEZ-AMAYA, Nestor** [DE/DE]; Dennerstrasse 70, 70372 Stuttgart (DE). **POTSCHIN, Roger** [DE/DE]; Fliederstrasse 19, 74336 Brackenheim (DE). **PROJAHN, Ulrich** [DE/DE]; Weinbergstrasse 91, 71229 Leonberg (DE).

(81) BR CN HU IN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **F02M 55/00**

(11) **WO 01/71179** (13) A2

(21) PCT/US01/08927

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/190,953 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FUEL INJECTOR ASSEMBLY FOR MOUNTING A FUEL INJECTOR TO A FUEL RAIL AND PERMITTING ALIGNMENT OF THE FUEL INJECTOR
• ENSEMBLE INJECTEUR DE CARBURANT UTILISE POUR INSTALLER UN INJECTEUR DE CARBURANT SUR UNE RAMPE DE CARBURANT ET POUR ASSURER L'ALIGNEMENT DE L'INJECTEUR DE CARBURANT

(71) **SIEMENS AUTOMOTIVE CORPORATION** [US/US]; 2400 Executive Hills Drive, Auburn Hills, MI 48326-2980 (US).

(72) **LORRAINE, Jack, R.**; 11712 Jefferson Avenue, Suite C-222, Newport News, VA 23606 (US). **RICCI, Roberto**; Via Sofferdini, 52, I-557121 Lovorno (IT).

(74) **MUSACCHIO, Pasquale** et al. / etc.; Siemens Corporation, Intellectual Property Dept., 186 Wood Avenue South, Iselin, NJ 08830 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F02M 59/36**

(11) **WO 01/71180** (13) A1

(21) PCT/NL01/00167

(22) **28 Feb/fév 2001 (28.02.2001)**

(25) nl (26) en

(30) 1014518 **29 Feb/fév 2000** NL **(29.02.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • APPARATUS, FUEL INJECTION SYSTEM, AND METHOD FOR METERING FUEL
• APPAREIL ET SYSTEME D'INJECTION DE CARBURANT, ET PROCEDE DE DOSAGE DU CARBURANT

(71) **TECHNOSCAN ENGINEERING B.V.** [NL/NL]; Trompstraat 24a, NL-9711 EC Groningen (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAN DER ZEE, Anno, Adriaan** [NL/NL]; Trompstraat 24a, NL-9711 EC Groningen (NL).

(74) **PRINS, A., W.**; c/o Vereenigde, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F02N 11/08**

(11) **WO 01/71181** (13) A2

(21) PCT/JP01/02104

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 2000-77961 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • VEHICLE IDLING STOP SYSTEM
• SYSTEME D'ARRET DE VEHICULE AU RALENTI

(71) **NISSAN MOTOR CO., LTD.** [JP/JP]; 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0023 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUSE, Toru** [JP/JP]; 3-4710-1, Soubudai, Zama-shi, Kanagawa 228-0011 (JP).

(74) **GOTO, Masaki**; Shoyu-Kaikan, 3-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **F03D 3/06**

(11) **WO 01/71182** (13) A1

(21) PCT/GB01/01221

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0006639.9 **21 Mar/mar 2000** GB **(21.03.2000)**

(30) 0103374.5 **12 Feb/fév 2001** GB **(12.02.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • WIND TURBINE
• EOLIENNE

(71, 72) **ROGAN, Alan, John** [GB/GB]; 21 Clonmel Way, Burnham, Slough, Berkshire SL1 7DA (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **F03D 7/04**

(11) **WO 01/71183** (13) A1

(21) PCT/US01/08809

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/532,760 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ROTOR PITCH CONTROL METHOD AND APPARATUS FOR PARKING WIND TURBINE
• PROCEDE DE COMMANDE DE PAS D'UN ROTOR ET APPAREIL POUR STATIONNER UNE TURBINE EOLIENNE

(71) **THE WIND TURBINE COMPANY** [US/US]; 515 116th Avenue N.E., Bellevue, WA 98004 (US).

(72) **DEERING, Kenneth, J.**; 4738 9th Avenue N.E., Seattle, WA 98105 (US). **DAVIS, Dean, A.**; 10768 Covered Bridge Road, Spanish Fork, UT 84660 (US).

(74) **HANSRA, Tejpal** et al. / etc.; Sheridan Ross P.C., Suite 1200, 1560 Broadway, Denver, CO 80202-5141 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F03D 11/04, E04H 12/08**

(11) **WO 01/71184** (13) A1

(21) PCT/EP00/02558

(22) **23 Mar/mar 2000 (23.03.2000)**

(25) de (26) de

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TOWER FOR WIND POWER INSTALLATIONS
• PYLONE POUR EOLIENNES

(71) **DEWIND TECHNIK GMBH** [DE/DE]; Seelandstrasse 9, D-23569 Lübeck (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHIPPMANN, Hugo, L.** [DE/DE]; Hüxstrasse 107, D-23552 Lübeck (DE). **MAACK, Peter** [DE/DE]; Schloezerstrasse 3, D-23568 Lübeck (DE). **SCHNEIDER, Sven** [DE/DE]; Von Behringstrasse 75 A, D-42549 Velwert (DE).

(74) **VONNEMANN, Gerhard**; An der Alster 84, D-20099 Hamburg (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **F03H**

(11) **WO 01/71185** (13) A2

(21) PCT/DE01/01106

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) de (26) de

(30) 100 14 033.5 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PLASMA ACCELERATOR ARRANGEMENT
• DISPOSITIF ACCELERATEUR DE PLASMA

(71) **THOMSON TUBES ELECTRONIQUES GMBH** [DE/DE]; Söflinger Strasse 100, 89077 Ulm (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KORNFELD, Günter** [DE/DE]; Junginger Strasse 93, 89275 Elchingen (DE). **SCHWERTFEGER, Werner** [DE/DE]; Eduard-von-Lang-Strasse 6, 89143 Blaubeuren (DE).

(74) **WEBER, Gerhard**; Postfach 2029, 89010 Ulm (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F04B**

(11) **WO 01/71186** (13) A2

(21) PCT/BR01/00021

(22) **23 Feb/fév 2001 (23.02.2001)**

(25) en (26) en

(30) PI 0001404-4 **23 Mar/mar 2000** BR **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • POSITION SENSOR AND COMPRESSOR
• DETECTEUR DE POSITION ET COMPRESSEUR

(71) **EMPRESA BRASILEIRA DE COMPRESSORES S.A. - EMBRACO** [BR/BR]; Rua Rui Barbosa, 1020, CEP-89219-901 Joinville, SC (BR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LILIE, Dietmar, E., B.** [BR/BR]; Rua Orestes Guimarães, 904, CEP-Joinville, SC (BR). **BERWANGER, Egídio** [BR/BR]; Estrada Blumenau, Km. 15, Joinville, SC (BR). **PUFF, Rinaldo** [BR/BR]; Rua Jaó, 208, Joinville, SC (BR).

(74) **DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA**; Caixa Postal 2142, Rua Marquês de Olinda, 70, CEP-22251-040 Rio de Janeiro, RJ (BR).

(81) CN JP KR US.

Declaration / Déclaration :
(r) for the following designation / pour la désignation suivante : US

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(51)[7] **F04B 1/26**

(11) **WO 01/71187** (13) A1

(21) PCT/US01/08551

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/527,142 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CONTROL VALVE FOR A VARIABLE DISPLACEMENT COMPRESSOR
• SOUPAPE DE COMMANDE POUR COMPRESSEUR A DEPLACEMENT VARIABLE

(71) **CHANCEY, Jeffrey, Oliver** [US/US]; 3742 N Heather Place, Bellingham, WA 98226 (US).

(72, 71) **BOOTH, Steven, Brent** [US/US]; 5506 Hallmark Lane, Lockport, NY 14094 (US).

(72) **BALLARD, Jay, Arthur**; 995 N 700 E, Mapleton, UT 84664 (US). **BALLARD, Mark, Paul**; 789 S 1100 E, Pleasant Grove, UT 84062 (US).

(74) **POND, Stephen, F.**; 10420 Adel Road, Oakton, VA 22124 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F04B 35/00**

(11) **WO 01/71188** (13) A1

(21) PCT/JP00/01649

(22) **17 Mar/mar 2000 (17.03.2000)**

(25) ja (26) ja

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DISPLACEMENT TYPE MACHINERY
• MACHINE A DEPLACEMENT ALTERNATIF

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAYASE, Isao** [JP/JP]; Hitachi, Ltd., Mechanical Engineering Research Laboratory, 502, Kandatsumachi, Tsuchiura-shi, Ibaraki 300-0013 (JP). **TAKAO, Kunihiko** [JP/JP]; Hitachi, Ltd., Mechanical Engineering Research Laboratory, 502, Kandatsumachi, Tsuchiura-shi, Ibaraki 300-0013 (JP). **TSUCHIYA, Takeshi** [JP/JP]; Hitachi, Ltd., Mechanical Engineering Research Laboratory, 502, Kandatsumachi, Tsuchiura-shi, Ibaraki 300-0013 (JP).

(74) **SAKUTA, Yasuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220 (JP).

(81) CN JP KR US.

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(51)[7] **F04B 39/10, 39/00**

(11) **WO 01/71189** (13) A1

(21) PCT/GB01/01240

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 0006978.1 **22 Mar/mar 2000** GB **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A VALVE ASSEMBLY WITH DAMPER MEANS
• ENSEMBLE CLAPET À MÉCANISME AMORTISSEUR

(71) **ARCTIC CIRCLE LIMITED** [GB/GB]; Coldnose Court, Coldnose Road, Rotherwas Industrial Estate, Hereford HR2 6JL (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **Lawson, Stuart** [GB/GB]; 111 Bath Road, Thatcham, Berkshire RG18 3BH (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **F04B 43/04, 17/04**

(11) **WO 01/71190** (13) A1

(21) PCT/DE01/01050

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) de (26) de

(30) 100 13 797.0 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • OSCILLATING ARMATURE DIAPHRAGM PUMP
• POMPE A MEMBRANE A ARMATURE OSCILLANTE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KRAUSE, Peter** [DE/DE]; Kesselbergweg 4, 76187 Karlsruhe (DE). **LUDWIG, Michael** [DE/DE]; Graf-Eberstein-Strasse 21, 76199 Karlsruhe (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) CN US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **F04C**

(11) **WO 01/71191** (13) A2

(21) PCT/US01/09095

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/191,032 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CONTROL FOR PROGRESSIVE CAVITY PUMP
• SYSTEME DE COMMANDE POUR POMPE A CAVITE PROGRESSIVE

(71) **HY-FLEX CORPORATION** [US/US]; 7669 S. Wilbur Wright Rd., Cambridge City, IN 47327 (US).

(72) **MILLS, Bennett A.**; 7669 S. Wilbur Wright Rd., Cambridge City, IN 47327 (US).

(74) **EMERSON, Roger D.** et al. / etc.; Emerson & Associates, One Cascade Plaza, Fourteenth Floor, Akron, OH 44308-1136 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F04D 5/00**

(11) **WO 01/71192** (13) A1

(21) PCT/EP01/01550

(22) **13 Feb/fév 2001 (13.02.2001)**

(25) de (26) de

(30) 100 13 908.6 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FEED PUMP
• POMPE D'ALIMENTATION

(71) **MANNESMANN VDO AG** [DE/DE]; Kruppstrasse 105, 60388 Frankfurt (DE).

(72) **MARX, Peter**; Schlesierring 8, 38553 Wasbüttel (DE). **OSBURG, Hans-Peter**; Oberer Erlenbach 17, 36211 Alheim (DE). **SCHUCHARDT, Peter**; Franz-König-Strasse 6, 36199 Rotenburg (DE).

(81) AU BR CN IN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)[7] **F04D 5/00, 29/18, 29/22, 29/24**

(11) **WO 01/71193** (13) A1

(21) PCT/EP01/02076

(22) **23 Feb/fév 2001 (23.02.2001)**

(25) de (26) de

(30) 100 13 907.8 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FEED PUMP
• POMPE DE CIRCULATION

(71) **MANNESMANN VDO AG** [DE/DE]; Kruppstrasse 105, 60388 Frankfurt (DE).

(72) **BARTH, Holger**; Rhönblick 21, 36289 Friedewald (DE). **MARX, Peter**; Schlesierring 8, 38553 Wasbüttel (DE). **WILHELM, Hans-Dieter**; Hattsteiner Weg 6, 61267 Neu-Anspach (DE).

(81) AU BR CN IN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **F04D 23/00, 27/02, A01G 1/12**

(11) **WO 01/71194** (13) A1

(21) PCT/US01/40043

(22) **6 Feb/fév 2001 (06.02.2001)**

(25) en (26) en

(30) 09/531,614 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CURVED BLOWER CONDUIT
• CONDUIT COUDE DE SOUFFLANTE

(71) **WOODLAND POWER PRODUCTS, INC.** [—/US]; 72 Acton Street, West Haven, CT 06516 (US).

(72) **WHITNEY, James, C.**; 6 Hollow Spring Road, Norwalk, CT 06854-3414 (US).

(74) **RETTER, James, A.**; Ware, Fressola, Van der Sluys & Adolphson LLP, 755 Main Street, P.O. Box 224, Monroe, CT 06468-0224 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F04D 27/02**

(11) **WO 01/71195** (13) A1

(21) PCT/GB01/01098

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 0006740.5 **20 Mar/mar 2000** GB **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FAN WITH COMPOUND CONTROL AND METHOD OF OPERATING SUCH A FAN
• VENTILATEUR A COMMANDE COMBINEE ET PROCEDE PERMETTANT DE FAIRE FONCTIONNER LEDIT VENTILATEUR

(71) **HOWDEN POWER LIMITED** [GB/GB]; New Sirocco Works, Channel Commercial Park, Queens Road, Belfast BT3 9DT (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BROWN, Hugh, Blyth** [GB/GB]; 29 Hamilton Crescent, Bishopton, Renfrewshire BA7 5JT (GB).

(74) **BARLOW, Roy, James** et al. / etc.; J.A. Kemp & Co., 14, South Square, Gray's Inn, London WC1R 5LX (GB).

(81) AU CA CN US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **F04D 29/20**

(11) **WO 01/71196** (13) A1

(21) PCT/DE01/00058

(22) **10 Jan/jan 2001 (10.01.2001)**

(25) de (26) de

(30) 100 13 609.5 **18 Mar/mar 2000** DE **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEVICE FOR FIXING A SUBASSEMBLY TO AN ESSENTIALLY SMOOTH DRIVESHAFT
• DISPOSITIF POUR FIXER UNE PIECE A AJOUTER SUR UN ARBRE D'ENTRAINEMENT SENSIBLEMENT PLAT

(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) **KOPF, Frank** [DE/DE]; Haft 49, 77833 Ottersweier (DE).

(81) BR JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **F15B 11/072**

(11) **WO 01/71197** (13) A1

(21) PCT/FI01/00286

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) fi (26) en

(30) 20000656 **21 Mar/mar 2000** FI **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A HYDRAULIC ARRANGEMENT AND A DAMPER ADAPTED THERETO
• DISPOSITIF HYDRAULIQUE ET AMORTISSEUR ASSOCIE

(71) **HYDROLL OY** [FI/FI]; PL 12, FIN-62101 Lapua (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VILENIUS, Pertti** [FI/FI]; Vaasanpuistikko 15 F 63, FIN-65100 Vaasa (FI).

(74) **NIEMINEN, Taisto**; Patenttitoimisto T Nieminen Oy, Kehräsaari B, FIN-33200 Tampere (FI).

(81) AU CA NO US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **F15B 13/043**

(11) **WO 01/71198** (13) A2

(21) PCT/US01/08869

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/191,066 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • WIRELESS, INTRINSICALLY SAFE VALVE
• ROBINET SANS FIL, A SECURITE INTRINSEQUE

(71) **ROSS CONTROLS** [US/US]; 1250 Kirts Boulevard, Troy, MI 48084 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHNELL, Richard, E.** [US/US]; 5171 Reservation Road, Oswego, IL 60543 (US).

(74) **LAFATA, Joseph, M.** et al. / etc.; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F15B 15/26**

(11) **WO 01/71199** (13) A1

(21) PCT/JP01/02266

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-84112 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HYDRAULIC LOCK DEVICE
• DISPOSITIF DE VERROUILLAGE HYDRAULIQUE

(71) **PASCAL KABUSHIKI KAISHA** [JP/JP]; 9-1, Aza Kaidoshita, koonoike, Itami-shi, Hyogo 664-0006 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAWAKAMI, Takayuki** [JP/JP]; c/o PASCAL KABUSHIKI KAISHA, 9-1, Aza Kaidoshita, Koonoike, Itami-shi, Hyogo 664-0006 (JP).

(74) **OKAMURA, Toshio**; OKAMURA TOKKYO JIMUSYO, 5-5, Nishitenma 4-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).

(81) US.

(84) EP (DE).

(51)[7] **F15B 15/28, 21/08, 19/00, H01H 9/16, H01F 7/18**

(11) **WO 01/71200** (13) A1

(21) PCT/GB01/01417

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0006749.6 **21 Mar/mar 2000** GB **(21.03.2000)**

(30) 0006750.4 **21 Mar/mar 2000** GB **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • IMPROVEMENTS TO ELECTRICAL INSTRUMENT CIRCUITS
• AMELIORATIONS APPORTEES AUX CIRCUITS INSTRUMENTAUX ELECTRIQUES

(71, 72) **GARDNER, Robert** [GB/GB]; 3 Heol-y-Bryn, Barry, South Glamorgan CF62 6SY (GB).

(74) **LAINÉ, Simon, James** et al. / etc.; Wynne-Jones, Lainé & James, Morgan Arcade Chambers, 33 St Mary Street, Cardiff CF10 1AF (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F16B 5/06, B60R 13/02**

(11) **WO 01/71201** (13) A1

(21) PCT/ES00/00106

(22) **24 Mar/mar 2000 (24.03.2000)**

(25) es (26) es

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METAL-PLASTIC STAPLE FOR FIXING VEHICLE ROOFS AND ACCESSORIES TO THE BODY OF A VEHICLE
• ATTACHE METALLOPLASTIQUE DESTINEE A LA FIXATION DE TOITS DE VEHICULES ET D'ACCESSOIRES A LA CARROSSERIE DU VEHICULE

(71) **GRUPO ANTOLIN-INGENIERIA, S.A.** [ES/ES]; Carretera Madrid-Irún, 244,8, E-09007 Burgos (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROMERO MAGARIÑO, Antonio** [ES/ES]; General Dávila, 27-7ºI, E-09006 Burgos (ES).

(74) **CARPINTERO LOPEZ, Francisco**; Herrero & Asociados, s.l., Alcalá, 21, E-28014 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F16B 31/02**

(11) **WO 01/71202** (13) A1

(21) PCT/US01/09056

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,217 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • VARIABLE AMPLIFICATION BOLT LOAD INDICATOR APPARATUS AND A METHOD OF MAKING AND USING THE APPARATUS
• INDICATEUR DE CHARGE A CHEVILLE A AMPLIFICATION VARIABLE ET PROCEDE PERMETTANT DE FABRIQUER ET D'UTILISER UN TEL APPAREIL

(71, 72) **CLARKE, Ronald, C.** [US/US]; 328 W. Georgia Avenue, Phoenix, AZ 85009 (US).

(74) **BRAINARD, Charles, R.** et al. / etc.; Kenyon & Kenyon, Suite 700, 1500 K Street, N.W., Washington, DC 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F16B 37/04, 37/00, A47K 13/26**

(11) **WO 01/71203** (13) A1

(21) PCT/EP01/02108

(22) **24 Feb/fév 2001 (24.02.2001)**

(25) de (26) de

(30) 100 14 180.3 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FASTENING ELEMENT
• ELEMENT DE FIXATION

(71) **EUREHA GMBH** [DE/DE]; Badstrasse 8, 88131 Lindau (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RIMPL, Stephan** [DE/DE]; Keltenweg 11, 88281 Schlier (DE).

(74) **WEISS, Peter**; Zeppelinstrasse 4, 78234 Engen (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F16B 41/00, 23/00, B60B 3/16**

(11) **WO 01/71204** (13) A1

(21) PCT/ZA01/00033

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 2000/1481 **24 Mar/mar 2000** ZA **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • WHEEL ATTACHMENT EQUIPMENT FOR ENGAGING A DEEPLY RECESSED WHEEL RIM AGAINST UNAUTHORISED REMOVAL
• DISPOSITIF DE FIXATION DE ROUE PERMETTANT DE BLOQUER UNE JANTE DE ROUE PROFONDEMENT ENFONCEE AFIN D'EMPECHER SON ENLEVEMENT NON AUTORISE

(71, 72) **WEIDEMAN, Pieter, Andries, Christiaan** [ZA/ZA]; 47 Booysen Street, Roseville, 0084 Pretoria (ZA). **ENGELBRECHT, Stephanus, Gerhardus, Nel** [ZA/ZA]; 245 Van Heerden Street, Capital Park, 0001 Pretoria (ZA).

(74) **VAN DER MERWE, Andries, Petrus, Schalk**; P.O. Box 20301, 2522 Noordbrug (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F16C 19/20**

(11) **WO 01/71205** (13) A1

(21) PCT/CN01/00314

(22) **28 Feb/fév 2001 (28.02.2001)**

(25) zh (26) zh

(30) 00 1 11744.0 **28 Feb/fév 2000** CN **(28.02.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PURE ROLLING BEARING
• ROULEMENT PUR

(71, 72) **YU, Dabang** [CN/CN]; Room 302, House 11, Shangye No.1 Cun, Guang Zhong Lu, Shanghai 200083 (CN).

(72, 75) **XU, Min** [CN/CN]; Room 402, House 8, Lane 880, Cang Yuan Lu, Shanghai 200240

(CN). **XU, Jianwen** [CN/CN]; House 52, Wan Ping Lu, Shanghai 200030 (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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F16C 19/52, 35/067, 19/38**

(11) **WO 01/71206** (13) A1

(21) PCT/US01/07502

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) en (26) en

(30) 09/528,948 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SHAFT MOUNTING WITH ENHANCED STABILITY
• SUPPORT D'ARBRE A STABILITE RENFORCEE

(71) **THE TIMKEN COMPANY** [US/US]; 1835 Dueber Avenue, S.W., Canton, OH 44706-0930 (US).

(72) **GRADU, Mircea**; 1109 Greensview Drive, Wooster, OH 44691 (US).

(74) **BOESCHENSTEIN, Edward, A.**; Polster, Lieder, Woodruff & Lucchesi, L.C., 763 South New Ballas, St. Louis, MO 63141 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F16C 32/06**

(11) **WO 01/71207** (13) A1

(21) PCT/AT01/00089

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) de (26) de

(30) A 506/2000 **24 Mar/mar 2000** AT **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HYDROSTATIC BEARING
• PALIER HYDROSTATIQUE

(71, 72) **HOCHLEITNER, Heinrich, Gregor** [AT/AT]; Nibelungengasse 30, A-8010 Graz (AT).

(74) **WILDHACK, Helmut** et al. / etc.; Landstrasser Hauptstrasse 50, A-1030 Wien (AT).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F16C 33/64, 33/30**

(11) **WO 01/71208** (13) A1

(21) PCT/NL01/00235

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 1014723 **22 Mar/mar 2000** NL **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR FINISHING THE SURFACE OF A ROLLING CONTACT COMPONENT
• PROCEDE DE FINITION DE SURFACE D'UN COMPOSANT DE CONTACT ROULANT

(71) **SKF ENGINEERING & RESEARCH CENTRE B.V.** [NL/NL]; P.O. Box 2350, NL-3430 DT Nieuwegein (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LUGT, Pieter, Martin** [NL/NL]; Varkensmarkt 18, NL-4132 BB Vianen (NL). **TRIPP, John, Howard** [GB/NL]; Haydnlaan 10, NL-3723 KH Bilthoven (NL). **VOS, Rinke** [NL/NL]; Pr. de Vrijerlaan 34, NL-3984 JM Odijk (NL). **MEEUWENOORD, Ralph, Cornelis, Petrus** [NL/NL]; Braamsluiper 34, NL-3435 BC Nieuwegein (NL). **OLSCHEWSKI, Armin, Herbert, Emil, August** [DE/DE]; Strösselstrasse 8, 97422 Schweinfurt (DE). **GABELLI, Antonio** [IT/NL]; Briljanthof 2, NL-3402 GP IJsselstein (NL). **BESWICK, John, Michael** [GB/NL]; Th. Elsenstraat 59, NL-3417 WX Montfoort (NL). **VOSKAMP, Arend, Pieter** [NL/NL]; Mevr. Leinweberlaan 32, NL-3971 KZ Driebergen (NL). **KERRIGAN, Aidan, Michael** [GB/NL]; A. Van Ostadelaan 157 II, NL-3583 AG Utrecht (NL). **VRIES, Alexander, Jan, Carel** [NL/NL]; Nicolaas Beetsstraat 69, NL-4003 KA Tiel (NL). **KUIJPERS, Johannes, Cornelis** [NL/NL]; Libelleweide 6, NL-3437 VJ Nieuwegein (NL). **IOANNIDES, Eustathios** [GB/NL]; Montessorilaan 9, NL-3706 TB Zeist (NL).

(74) **JORRITSMA, Ruurd**; Nederlandsch Octrooibureau, Scheveningesweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F16D 25/08**

(11) **WO 01/71209** (13) A1

(21) PCT/IB01/00398

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/532,639 **21 Mar/mar 2000** US **(21.03.2000)**

(30) 09/619,929 **20 Jul/juil 2000** US **(20.07.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CONCENTRICALLY MOUNTED HYDRAULIC CLUTCH SLAVE CYLINDER
• CYLINDRE RECEPTEUR CONCENTRIQUE POUR EMBRAYAGE HYDRAULIQUE

(71) **AUTOMOTIVE PRODUCTS (USA) INC.** [US/US]; 4000 Pinnacle Court, Auburn Hills, MI 48326 (US).

(72) **LEIGH-MONSTEVENS, Keith, Vernon**; 774 Snowmass Drive, Rochester Hills, MI 48309 (US). **DANGEL, Tim, M.**; 717 Doral Drive, Oxford, MI 48371 (US). **STEVENS, Bryan, M.**; 21005 Santia Court, Clinton Township, MI 48038 (US). **CORRIA, Larry, Ray, Junior**; 3400 Elmy, Orion, MI 48539 (US).

(81) BR GB JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **F16D 27/00**

(11) **WO 01/71210** (13) A1

(21) PCT/DE01/00313

(22) **26 Jan/jan 2001 (26.01.2001)**

(25) de (26) de

(30) 100 14 225.7 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ELECTROMOTIVE CLUTCH DISC
• PLATEAU D'EMBRAYAGE A MOTEUR ELECTRIQUE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAENNLE, Erik** [DE/DE]; Freiwald 4, 77704 Oberkirch (DE).

(81) BR CN CZ IN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **F16D 66/00**

(11) **WO 01/71211** (13) A1

(21) PCT/US01/09281

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/532,542 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BRAKE MONITORING SYSTEM
• SYSTEME DE CONTROLE DU FONCTIONNEMENT D'UN FREIN

(71) **INDIAN HEAD INDUSTRIES, INC.** [US/US]; 8530 Cliff Cameron Drive, Charlotte, NC 28269 (US).

(72) **LESESKY, Alan, C.**; 5518 McCallum Court, Charlotte, NC 28269 (US). **STEGALL, Wally, V.**; 1297 Williams Estate Drive, Lancaster, SC 29720 (US).

(74) **SCOTT, Raymond, E.** et al. / etc.; Howard and Howard Attorneys, P.C., 39400 Woodward Avenue, Suite 101, Bloomfield Hills, MI 48304 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F16D 69/02, C09K 3/14**

(11) **WO 01/71212** (13) A1

(21) PCT/UA01/00006

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 2000031561 **21 Mar/mar 2000** UA **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMPOSITION FOR TREATING FRICTION PAIRS AND METHOD OF ITS PREPARATION
• COMPOSITION DE TRAITEMENT DE COUPLES DE FRICTION ET PROCEDE DE PREPARATION ASSOCIE

(71, 72) **ALEXANDROV, Sergei Nikolaevich** [UA/UA]; ul. 2-oi Pyatiletki, 18-54, Kharkov, 61007 (UA). **GAMIDOV, Elmin Abbas-ogli** [UA/UA]; ul. Groznenskaya, 56-39, Kharkov, 61124 (UA). **ZOZULYA, Vladimir Leonidovich** [UA/UA]; ul. Bakulina, 1-9-10, Kharkov, 61054 (UA). **ZOZULYA, Sergei Leonidovich** [UA/UA]; ul. Sumgaitskaya, 4-3, Kharkov, 61018 (UA).

(74) **SERJUGINA, Alla Sergeevna**; ul. Pavlika Morozova, 2-12, a/ya 9428, Kharkov, 61108 (UA).

(81) AE AL AM AT AU AZ BA BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IN JP KE KG KP KR KZ LU LV MD MK MN MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR US UZ VN YU ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **F16H 1/46, 57/12**

(11) **WO 01/71213** (13) A1

(21) PCT/CH01/00171

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) fr (26) fr

(30) 550/00 **22 Mar/mar 2000** CH **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PLANETARY REDUCTION DEVICE
• DISPOSITIF DE REDUCTION PLANETAIRE

(71) **SOCIETE INDUSTRIELLE DE SONCEBOZ S.A.** [CH/CH]; 5, rue Rosselet-Challandes, CH-2605 Sonceboz (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PFISTER, Jean-François** [CH/CH]; 10, rue du Soleil, CH-2605 Sonceboz (CH). **URWYLER, Jean-François** [CH/CH]; 36, rue de Bruye, CH-2732 Reconvilier (CH).

(74) **REUTELER, Raymond**; William Blanc & Cie, Conseil en Propriété Industrielle SA, 9, rue du Valais, CH-1202 Genève (CH).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F16H 3/093, B60K 17/28**

(11) **WO 01/71214** (13) A1

(21) PCT/EP01/03078

(22) **17 Mar/mar 2001 (17.03.2001)**

(25) de (26) de

(30) 100 14 132.3 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • POWER-SELECTABLE, MULTI-RATIO REVERSING GEAR
• MECANISME DE RENVERSEMENT A PLUSIEURS RAPPORTS, COMMUTABLE SOUS CHARGE

(71) **ZF FRIEDRICHSHAFEN AG** [DE/DE]; 88038 Friedrichshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEBER, Fritz** [DE/DE]; Birnenweg 3, 88048 Friedrichshafen (DE).

(74) **ZF FRIEDRICHSHAFEN AG**; 88038 Friedrichshafen (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **F16H 3/10, F16D 41/08 // F16H 63/30**

(11) **WO 01/71215** (13) A1

(21) PCT/GB01/01178

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 0006705.8 **20 Mar/mar 2000** GB **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • GEAR CHANGE TRANSMISSION
• TRANSMISSION POUR CHANGEMENT DE VITESSES

(71) **RICARDO MTC LIMITED** [GB/GB]; Southam Road, Radford Semele, Leamington Spa, Warwickshire CV31 1FQ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LIPMAN, John, Michael** [GB/GB]; Elmdown House, 66 Banbury Road, Ettington, Warwickshire CV37 7SU (GB).

(74) **JENNINGS, Nigel, Robin** et al. / etc.; Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **F16H 7/12**

(11) **WO 01/71216** (13) A1

(21) PCT/EP01/02006

(22) **22 Feb/fév 2001 (22.02.2001)**

(25) de (26) de

(30) 100 13 978.7 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TENSIONING DEVICE FOR TRACTION MECHANISMS
• DISPOSITIF TENDEUR POUR MOYENS D'ENTRAINEMENT

(71) **INA WÄLZLAGER SCHAEFFLER OHG** [DE/DE]; Industriestr. 1-3, 91074 Herzogenaurach (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHMID, Michael** [DE/DE]; Am Siechhaus 2b, 91301 Forchheim (DE).

(74) **INA WÄLZLAGER SCHAEFFLER OHG**; Industriestr. 1-3, 91074 Herzogenaurach (DE).

(81) BR DE JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **F16H 25/22, B64C 13/50**

(11) **WO 01/71217** (13) A1

(21) PCT/US00/13472

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 09/532,494 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DUAL LOAD PATH BALL SCREW WITH THRUST BEARING
• VIS A BILLE A DOUBLE TRAJET DE CHARGE A PALIER DE BUTEE

(71) **ALLIEDSIGNAL INC.** [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) **WINGETT, Paul**; 2747 South Cholla Circle, Mesa, AZ 85202 (US).

(74) **CRISS, Roger, H.** et al. / etc.; AlliedSignal Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **F16H 25/24, 25/20**

(11) **WO 01/71218** (13) A1

(21) PCT/EP01/02886

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) de (26) de

(30) 200 05 065.6 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TWIN-SCREW SPUR GEAR
• ORGANE D'ENTRAINEMENT PAR ENGRENAGE CYLINDRIQUE A VIS SANS FIN

(71) **DEWERT ANTRIEBS- UND SYSTEMTECHNIK GMBH & CO. KG** [DE/DE]; Weststrasse 1, 32278 Kirchlengern (DE).
(only for / seulement pour AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

(71) **DEWERT VERWALTUNGS GMBH** [DE/DE]; Weststrasse 1, 32278 Kirchlengern (DE).
(only for / seulement pour JP)

(72, 75) **ROITHER, Andreas** [DE/DE]; Dortmunder Strasse 21, 33649 Bielefeld (DE). **BOKÄMPER, Ralf** [DE/DE]; Schubertstrasse 2, 32312 Lübbecke (DE).

(74) **DANTZ, Jan** et al. / etc.; Jöllenbecker Strasse 164, 33613 Bielefeld (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **F16H 55/36, F16F 15/14, 15/126**

(11) **WO 01/71219** (13) A1

(21) PCT/EP01/00724

(22) **24 Jan/jan 2001 (24.01.2001)**

(25) de (26) de

(30) 100 13 699.0 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • VIBRATION-DECOUPLED PULLEY HAVING AN INTEGRATED VISCO DAMPER
• POULIE DECOUPLEE DES VIBRATIONS AVEC AMORTISSEUR VISCOSTATIQUE INTEGRE

(71) **FIRMA CARL FREUDENBERG** [DE/DE]; Höhnerweg 2-4, 69469 Weinheim (DE). **HASSE & WREDE GMBH** [DE/DE]; Mohriner Allee 30-42, 12347 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PAPE, Rolf** [DE/DE]; Juttastr. 4, 14169 Berlin (DE). **SANDIG, Jörg** [DE/DE]; Habersaathstr. 39c, 10115 Berlin (DE). **KERN, Klaus** [DE/DE]; Schwarzwaldstr. 10, 79395 Neuenburg (DE). **BARSCH, Peter** [DE/DE]; Winzerpfad 6, 79424 Auggen (DE).

(74) **FIRMA CARL FREUDENBERG**; Patente und Marken, 69465 Weinheim (DE).

(81) AE AG AL AM AU AZ BA BB BG BR BY BZ CA CN CR CU CZ DM DZ GD GE GH GM HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS MA MD MG MK MN MW MX MZ NO NZ PL RU SD SG SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **F16H 57/02, 1/20, H02K 7/116**

(11) **WO 01/71220** (13) A1

(21) PCT/EP01/00023

(22) **3 Jan/jan 2001 (03.01.2001)**

(25) de (26) de

(30) 100 13 785.7 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MODULAR TRANSMISSION SYSTEM
• SYSTEME MODULAIRE D'ENGRENAGE

(71) **SEW-EURODRIVE GMBH & CO.** [DE/DE]; Ernst-Blickle-Strasse 42, 76646 Bruchsal (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEIBOLD, Hubert** [DE/DE]; Sudetenstrasse 36, 76694 Forst (DE).

(74) **BOHNENBERGER, Johannes** et al. / etc.; Meissner, Bolte & Partner, Widenmayerstrasse 48, 80538 München (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **F16H 57/08**

(11) **WO 01/71221** (13) A1

(21) PCT/EP01/03075

(22) **17 Mar/mar 2001 (17.03.2001)**

(25) de (26) de

(30) 100 14 464.0 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR ASSEMBLING A PLANETARY GEAR UNIT IN A PRECISE POSITION
• PROCEDE PERMETTANT D'ASSEMBLER UNE UNITE A ROUE PLANETAIRE DANS UNE POSITION PRECISE

(71) **ZF FRIEDRICHSHAFEN AG** [DE/DE]; 88038 Friedrichshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SKRABS, Alfred** [DE/DE]; Bergstraße 11, 66271 Sitterswald (DE).

(74) **ZF FRIEDRICHSHAFEN AG**; 88038 Friedrichshafen (DE).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **F16H 63/30**

(11) **WO 01/71222** (13) A1

(21) PCT/EP01/01665

(22) **15 Feb/fév 2001 (15.02.2001)**

(25) de (26) de

(30) 100 13 878.0 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NON-MACHINED SHIFT LEVER
• ARBRE DE COMMANDE REALISE SANS ENLEVEMENT DE COPEAUX

(71) **INA WÄLZLAGER SCHAEFFLER OHG** [DE/DE]; Industriestr. 1-3, 91074 Herzogenaurach (DE).

(72) **JENNES, Peter**; Hermülheimerstrasse 29, 50969 Köln (DE).

(81) BR CZ DE HU PL.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **F16J**

(11) **WO 01/71223** (13) A2

(21) PCT/CA01/00399

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 09/534,473 **24 Mar/mar 2000** US **(24.03.2000)**

(30) 100 39 068.4 **10 Aug/août 2000** DE **(10.08.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • GASKET, METHOD OF MANUFACTURING AND APPARATUS FOR MANUFACTURING SAME
• JOINT, PROCEDE ET APPAREIL DE FABRICATION DUDIT JOINT

(71) **CHEMQUE, INC.** [CA/CA]; 266 Humberline Drive, Rexdale, Ontario M9W 5X1 (CA). **HUGO KERN UND LIEBERS GMBH & CO.** [DE/DE]; Platinen-und Federnfabrik, Dr. Kurt-Steim-Str. 35, 78713 Schramberg-Sulgen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOTRIE, Alexander** [CA/CA]; #808, 80 Front Street East, Toronto, Ontario M5E 1T4 (CA). **ULMAN, Dorota** [CA/CA]; 365 Montego Road, Mississauga, Ontario L5B 1C5 (CA). **SCHUBERT, Elvira** [DE/DE]; Leonberg 173, 78144 Tennenbronn (DE). **HAMPEL, Stefan** [DE/DE]; Buchenweg 3, 78733 Aichalden (DE).

(74) **HELLER, David, J.**; Ridout & Maybee, One Queen Street East, Suite 2400, Toronto, Ontario M5C 3B1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F16J**

(11) **WO 01/71224** (13) A2

(21) PCT/US01/40279

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) en (26) en

(30) 09/528,873 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HIGH PRESSURE SEAL WITH CONTOURED STAMPING I.D.
• JOINT ETANCHE HAUTE PRESSION AVEC DIAMETRE INTERNE A IMPRESSION PROFILEE

(71) **SKF USA INC.** [US/US]; 900 North State Street, Elgin, IL 60123 (US).

(72) **PAYKIN, Alex**; 1344 Larchmont Drive, Buffalo Grove, IL 60089 (US).

(74) **BUFALINO, Angelo, J.**; Vedder Price Kaufman & Kammholz, 222 North LaSalle Street, Chicago, IL 60601-1003 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F16J 6/00**

(11) **WO 01/71225** (13) A1

(21) PCT/US01/05665

(22) **21 Feb/fév 2001 (21.02.2001)**

(25) en (26) en

(30) 09/527,923 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DOUBLE WALLED BAFFLE
• CLOISON A DOUBLE PAROIS

(71) **SIKA CORPORATION** [US/US]; 201 Polito Avenue, Lyndhurst, NJ 07071 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FITZGERALD, Gerald, E.** [US/US]; 15739 Nader Court, Clinton Township, MI 48038 (US).

(74) **BORNMAN, Tracy**; Hovey, Williams, Timmons & Collins, Suite 400, 2405 Grand Boulevard, Kansas City, MO 64108-2519 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F16K**

(11) **WO 01/71226** (13) A2

(21) PCT/US01/08403

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/533,893 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • THERMALLY ACTUATED MICROVALVE ASSEMBLY
• MICRO-SOUPAPE A COMMANDE THERMIQUE

(71) **KELSEY-HAYES COMPANY** [US/US]; 12000 Tech Center Drive, Livonia, MI 48150 (US).

(72) **BARRON, Richard**; 3407 Cromwell Court, Ann Arbor, MI 48105 (US). **WILLIAMS, Kirt, R.**; 185 Willowbrook Drive, Portola Valley, CA 94028 (US). **FULLER, E., Nelson**; 17750 Sharon Valley Road, Manchester, MI 48158 (US). **HUNNICUTT, Harry, A.**; 1325 Folkstone Court, Ann Arbor, MI 48105 (US).

(74) **INKS, Allen, W.**; 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 BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F16K**

(11) **WO 01/71227** (13) A2

(21) PCT/YU01/00006

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) P-175/00 **23 Mar/mar 2000** YU **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A FAUCET VALVE WITH REGULATED DEPTH OF INSTALLING THEREOF
• SOUPAPE DE ROBINET A PROFONDEUR D'INSTALLATION REGLABLE

(71, 72) **PEŠOVIĆ, Predag** [YU/YU]; Danteova 50, YU-11000 Beograd (YU). **PEŠOVIĆ, Nemanja** [YU/YU]; Danteova 50, YU-11000 Beograd (YU). **PEŠOVIĆ, Vojin** [YU/YU]; Danteova 50, YU-11000 Beograd (YU).

(74) **MANIGODIC, Milenko**; Kumanovska 2b, YU-11111 Beograd (YU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declaration / Déclaration :
(u) for / pour US only / seulement

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(51)[7] **F16K 1/44**

(11) **WO 01/71228** (13) A1

(21) PCT/EP01/02944

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) de (26) de

(30) 100 13 885.3 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ASEPTICAL LEAKAGE-CONTROLLED DOUBLE-SEALING VALVE WITH SEAT CLEANING FUNCTION
• SOUPAPE D'ETANCHEIFICATION DOUBLE ASEPTIQUE AVEC NETTOYAGE DU SIEGE ET CONTROLE DE FUITE

(71) **TUCHENHAGEN GMBH** [DE/DE]; Am Industriepark 2-10, 21514 Büchen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WIEDENMANN, Willi** [DE/DE]; Daimler Strasse 3, 73469 Riesbürg (DE). **SAUER, Martin** [DE/DE]; Pfalzgrafenstrasse 24, 86687 Kaisheim (DE). **SCHMID, Werner** [DE/DE]; Fellbacher Weg 22, 89522

Heidenheim (DE). **WENGERT, Holger** [DE/DE]; Wettegasse 4, 73441 Bopfingen (DE).

(81) DE JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **F16K 31/04**

(11) **WO 01/71229** (13) A1

(21) PCT/FR01/00785

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) fr (26) fr

(30) 00/03619 **21 Mar/mar 2000** FR **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND DEVICE FOR SELF-DISENGAGING CONTROL OF VALVES
• PROCEDE ET DISPOSITIF DE COMMANDE DEBRAYABLE POUR VANNES

(71) **CONCEPTION ET REPRESENTATION DE TECHNOLOGIES DE CONTROLE CRT CONTROLE** [FR/FR]; Z.I. Chemin de Saint-Mathieu n°16, F-28320 Gallardon (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DEBIEE, Roger** [FR/FR]; 85, Route du Muguet, F-78125 Raizeux (FR).

(74) **VIDON, Patrice**; Le Nobel, 2, allée Antoine Becquerel, BP 90333, F-35703 Rennes Cedex 7 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F16K 31/22, 1/22, E03F 7/04**

(11) **WO 01/71230** (13) A1

(21) PCT/CA01/00347

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 2,302,714 **24 Mar/mar 2000** CA **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BACKFLOW VALVE WITH FLOAT ON OBTURATOR
• CLAPET ANTI-REFOULEMENT À OBTURATEUR À FLOTTEUR

(71, 72) **COSCARELLA, Gabriel, C.** [CA/CA]; 15703-64 Street, Edmonton, Alberta T5Y 2N5 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F16L 3/00, 3/015, 3/12, 3/127, 3/137**

(11) **WO 01/71231** (13) A1

(21) PCT/AU01/00310

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) PQ 6324 **20 Mar/mar 2000** AU **(20.03.2000)**

(30) PQ 6436 **24 Mar/mar 2000** AU **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HOSE BENDING CLAMP
• PINCE DE CINTRAGE POUR TUYAU FLEXIBLE

(71, 72) **BOZIC, Dennis** [AU/AU]; 113 The Avenue, Warnbro, Western Australia 6169 (AU). **DOBRA, Frank** [AU/AU]; 12 Owen Road, Safety Bay, Western Australia 6169 (AU).

(74) **VAN WOLLINGEN, Rolf**; Griffith Hack, 6th Floor, 256 Adelaide Terrace, Perth, Westerne 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F16L 3/22, 3/10**

(11) **WO 01/71232** (13) A1

(21) PCT/NL01/00241

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 1014724 **22 Mar/mar 2000** NL **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • STACKABLE CLAMP FOR CABLES OR PIPES
• SUPPORTS EMPILABLES POUR CABLES ET TUBES

(71) **KOZ PRODUCTS B.V.** [NL/NL]; P.O. Box 19, NL-4470 AA Wolphaartsdijk (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOMMERS, Gerardus, Johannes, Antonius, Wilhelmus** [NL/NL]; Trumanstede 94.05, NL-4462 WG Goes (NL).

(74) **JORRITSMA, Ruurd**; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **F16L 17/06, 19/00**

(11) **WO 01/71233** (13) A1

(21) PCT/KR01/00442

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 2000-8107 U **22 Mar/mar 2000** KR **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PIPE JOINT
• JOINT DE TUYAUX

(71, 72) **KWAG, Jeong-Kie** [KR/KR]; 1026-4 Wolsan-dong, Nam-gu, Kwangju 503-208 (KR).

(74) **HANYANG INTERNATIONAL PATENT AND LAW FIRM**; 648-23 Yeoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F16L 19/02**

(11) **WO 01/71234** (13) A1

(21) PCT/FR01/00837

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) fr (26) fr

(30) 00/03652 **22 Mar/mar 2000** FR **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR ASSEMBLING A CONDUIT ON A RIGID TUBULAR END PIECE USING A NUT SCREWED ON THE END PIECE, AND COUPLER FITTING THEREFOR
• PROCEDE D'ASSEMBLAGE D'UN CONDUIT SUR UN EMBOUT TUBULAIRE RIGIDE AU MOYEN D'UN ECROU VISSE SUR L'EMBOUT, ET RACCORD POUR LA MISE EN OEUVRE DU PROCEDE

(71, 72) **BENIT, Claude** [FR/FR]; 4, boulevard de la Gare, F-77230 Dammartin en Goële (FR).

(74) **CABINET ORES**; 6, avenue de Messine, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F16L 37/12**

(11) **WO 01/71235** (13) A1

(21) PCT/FR01/00771

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) fr (26) fr

(30) 00/03726 **23 Mar/mar 2000** FR **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SLIDING DEVICE CONNECTING THE END OF A TUBE TO AN END PIECE
• DISPOSITIF COULISSANT DE RACCORDEMENT DE L'EXTREMITE D'UN TUBE A UN EMBOUT

(71) **LEGRIS SA** [FR/FR]; 74, rue de Paris, F-35000 Rennes (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LE QUERE, Philippe** [FR/FR]; 1, Allée du Champ Doret, F-35830 Betton (FR).

(74) **ROBERT, Jean-Pierre** et al. / etc.; Cabinet Boettcher, 22, rue du Général Foy, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F16L 41/02, F16K 27/00**

(11) **WO 01/71236** (13) A1

(21) PCT/EP00/02435

(22) **20 Mar/mar 2000 (20.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MODULAR MANIFOLD FOR HEATING AND SANITARY SYSTEMS
• COLLECTEUR MODULAIRE DESTINE A DES CIRCUITS THERMIQUES ET SANITAIRES

(71) **GIACOMINI S.P.A.** [IT/IT]; Via per Alzo, 39, I-28017 S. Maurizio d'Opaglio (IT).

(72) **GIACOMINI, Mario**; Via per Alzo, 39, I-28017 S. Maurizio d'Opaglio (IT).

(74) **ZANELLA, Ireneo**; Zanella & Associati S.r.l., Via Leonardo da Vinci, 12, I-22074 Lomazzo (IT).

(81) BG CN CZ GE HR HU IN PL RO RU SI SK TR UA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **F16L 55/165**

(11) **WO 01/71237** (13) A1

(21) PCT/EP01/03347

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) de (26) de

(30) 100 14 653.8 **24 Mar/mar 2000** DE **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR THE PRODUCTION OF A PIPE SECTION FOR INSERTION IN A DAMAGED PIPELINE OR CHANNEL AFTER THE RELINING PROCESS
• PROCEDE POUR LA PRODUCTION D'UN ELEMENT DE TUYAU UTILISABLE DANS UNE CONDUITE OU UN CONDUIT DEFECTUEUX SELON LE PROCEDE DE REPARATION PAR CHEMISAGE

(71) **SIMONA AG** [DE/DE]; Teichweg 16, 55606 Kirn (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALLMANN, Jürgen** [DE/DE]; Teichweg 16, 55606 Kirn (DE). **BAUMANN, Edwin** [DE/DE]; Teichweg 16, 55606 Kirn (DE). **SPENGLER, Richard** [DE/DE]; Teichweg 16, 55606 Kirn (DE).

(74) **FORSTMEYER, Dietmar** et al. / etc.; Boeters & Bauer, Bereiteranger 15, 81541 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F16L 55/46**

(11) **WO 01/71238** (13) A1

(21) PCT/NO01/00126

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 20001526 **23 Mar/mar 2000** NO **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A VALVE DEVICE FOR PIGGING OF PIPELINES
• ENSEMBLE CLAPET POUR RACLAGE DE PIPELINES

(71) **FRAMO ENGINEERING AS** [NO/NO]; Boks 174 Sandsli, N-5862 Bergen (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ERSTAD, Jostein** [NO/NO]; Hanevik, N-5307 Ask (NO). **HARTMANN, Werner** [DE/DE]; Am Hutteberg 8, 31300 Burgdorf-Ehlerschausen (DE).

(74) **TANDBERGS PATENTKONTOR AS**; Boks 7085, N-0306 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F16M 13/00**

(11) **WO 01/71239** (13) A1

(21) PCT/US01/08325

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,252 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LIFTING APPARATUS FOR SMALL VEHICLES
• APPAREIL DE LEVAGE POUR PETITS VEHICULES

(71, 72) **MCGLAUN, Vinson, L.** [US/US]; 2709 Hillside Lane, Augusta, GA 30909 (US). **STOCKDAILE, Larry, D.** [US/US]; 5314 Woodland Drive, Grovetown, GA 30813 (US).

(74) **REICHMANIS, Maria**; P.O. Box 3306, Aiken, SC 29802 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F16N 11/04**

(11) **WO 01/71240** (13) A1

(21) PCT/GB01/01114

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 0006871.8 **21 Mar/mar 2000** GB **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A LUBRICATING DEVICE
• DISPOSITIF DE LUBIRIFICATION

(71) **WYMARK LIMITED** [GB/GB]; Runnings Road Industrial Estate, Cheltenham, Gloucestershire GL51 9NQ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PATTERSON, Denis, Arthur, John** [GB/GB]; Longdon Heath Lodge, Longdon Heath, Upton-upon-Severn, Worcester, Worcestershire WR8 0QZ (GB). **STONE, Simon** [GB/GB]; Ledor, Hill View Gardens, Upton-upon-Severn, Worcester, Worcestershire WR8 0QJ (GB).

(74) **NEWBY, Martin, John**; J.Y. & G.W. Johnson, Kingsbourne House, 229-231 High Holborn, London WC1V 7DP (GB).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **F16S 1/00, A47B 47/00, 87/00**

(11) **WO 01/71241** (13) A1

(21) PCT/ES00/00107

(22) **24 Mar/mar 2000 (24.03.2000)**

(25) es (26) es

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MODULAR SYSTEM OF PARTITION ELEMENTS USING SCREENS AND CUPBOARDS AND HAVING A PANELING CONNECTING SYSTEM
• SYSTEME MODULAIRE D'ELEMENTS DE SEPARATION UTILISANT DES CLOISONS ET DES ARMOIRES, AVEC MECANISME D'ASSEMBLAGE DE PANNEAUX

(71, 72) **LARRAÑAGA LESAKA, Jesús** [ES/ES]; P° Gorostiaga, E-20750 Zumaia (ES).

(74) **URIZAR ANASAGASTI, José Antonio**; Puerto Rico, 6A Bajo, E-28016 Madrid (ES).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F17C 7/04, 9/02, B67D 5/00**

(11) **WO 01/71242** (13) A1

(21) PCT/US01/09137

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/532,268 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DISPENSING SYSTEM WITH INTERIORLY DISPOSED AND EXTERIORLY ADJUSTABLE REGULATOR ASSEMBLY
• SYSTEME DE DISTRIBUTION A L'INTERIEUR DUQUEL EST PREVU UN ENSEMBLE REGULATEUR REGLABLE DEPUIS L'EXTERIEUR

(71) **ADVANCED TECHNOLOGY MATERIALS, INC.** [US/US]; 7 Commerce Drive, Danbury, CT 06810 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WANG, Luping** [US/US]; 41 Greenknoll Drive, Brookfield, CT 06804 (US).

(74) **ZITZMANN, Oliver, A., M.**; Advanced Technology Materials, Inc., 7 Commerce Drive, Danbury, CT 06810 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

Declaration / Déclaration :
(u) for / pour US only / seulement

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(51)[7] **F21L 4/04**

(11) **WO 01/71243** (13) A1

(21) PCT/US01/09291

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,629 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 09/641,481 **18 Aug/août 2000** US **(18.08.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SECURITY FLASHLIGHT AND METHOD
• LAMPE DE POCHE SECURISEE ET SON PROCEDE

(71, 72) **FORSYTHE, John, D.** [US/US]; 94 Carlotta Avenue, Hyannis, MA 02601 (US).

(74) **MEYER-LEON, Leslie**; c/o CROWLEY, Richard, P., 901 Main Street, P.O. Box 901, Osterville, MA 02655-0901 (US).

(81) AU CA MX US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **F21S 9/02, F21Y 101/02**

(11) **WO 01/71244** (13) A1

(21) PCT/GB01/01207

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 0006452.7 **18 Mar/mar 2000** GB **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LIGHTING UNITS
• UNITES D'ECLAIRAGE

(71, 72) **COWPER, Glen, Michael** [GB/GB]; Woodlands, Sandon Bank, Stafford ST18 9TE (GB).

(74) **WOMSLEY, Nicholas**; Swindell & Pearson, 48 Friar Gate, Derby DE1 1GY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **F21V 5/02, 11/00 // F21Y 103/00**

(11) **WO 01/71245** (13) A1

(21) PCT/GB01/01163

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 0006476.6 **18 Mar/mar 2000** GB **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LAMP ASSEMBLY
• ENSEMBLE LAMPE

(71) **F.W. THORPE PLC** [GB/GB]; Merse Road, North Moons Moat, Redditch, Worcestershire B98 9HH (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALLCOCK, Michael** [GB/GB]; Thorlux Lighting, Division of F.W. Thorpe Plc, Merse Road, North Moons Moat, Redditch, Worcestershire B98 9HH (GB). **WILSON, Stuart** [GB/GB]; Thorlux Lighting, Division of F.W. Thorpe Plc, Merse Road, North Moons Moat, Redditch, Worcestershire B98 9HH (GB).

(74) **SKINNER, Michael, Paul**; Swindell & Pearson, 48 Friar Gate, Derby DE1 1GY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA

(BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **F21V 5/08, H01K 1/32, G02B 5/02**

(11) **WO 01/71246** (13) A1

(21) PCT/AT01/00077

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) de (26) de

(30) A 458/2000 **20 Mar/mar 2000** AT **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEVICE FOR GUIDING LIGHT FOR AN ELONGATED LIGHT SOURCE
• DISPOSITIF DE GUIDAGE DE LUMIERE D'UNE SOURCE LUMINEUSE OBLONGUE

(71) **BARTENBACH, Christian** [AT/AT]; RinnerStrasse 14, 6071 Aldrans (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HUTER, Johannes** [AT/AT]; Etrichgasse 32/1, 6020 Innsbruck (AT).

(74) **HOLZER, Walter** et al. / etc.; Schottenring 16, Börsegebäude, A-1010 Wien (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F21V 8/00**

(11) **WO 01/71247** (13) A1

(21) PCT/US00/20156

(22) **25 Jul/juil 2000 (25.07.2000)**

(25) en (26) en

(30) 09/526,610 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ILLUMINATION DEVICE
• DISPOSITIF D'ECLAIRAGE

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **HOFFMAN, Joseph, A.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **PATCHETT, David, B.** et al. / etc.; Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F21V 8/00**

(11) **WO 01/71249** (13) A1

(21) PCT/US01/07788

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 09/531,962 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • OPTICAL SYSTEMS HAVING RETROREFLECTORS
• SYSTEMES OPTIQUES A RETRORE-FLECTEURS

(71) **COGENT LIGHT TECHNOLOGIES, INC.** [US/US]; 26145 Technology Drive, Santa Clarita, CA 91355-1137 (US).

(72) **LI, Kenneth, K.**; 217 Laurel Avenue, Arcadia, CA 91006 (US).

(74) **REPPER, George, R.** et al. / etc.; Rothwell, Figg, Ernst & Manbeck, P.C., Suite 701-E, 555 13th Street, N.W., Washington, DC 20084 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **F21V 23/02, H05K 5/02**

(11) **WO 01/71250** (13) A2

(21) PCT/EP01/02530

(22) **6 Mar/mar 2001 (06.03.2001)**

(25) en (26) en

(30) 09/531,067 **18 Mar/mar 2000** US **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TAMPER-PROOF BALLAST ENCLOSURE
• ENVELOPPE DE BALLAST INVIOLABLE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **WOZNICZK, George**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **BOSMA, Rudolphus, H., A.**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **F23D 11/10, B05B 7/04**

(11) **WO 01/71251** (13) A1

(21) PCT/EP01/03358

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) de (26) de

(30) 100 14 347.4 **24 Mar/mar 2000** DE **(24.03.2000)**

(30) 100 14 405.5 **24 Mar/mar 2000** DE **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BINARY BURNER WITH VENTURI TUBE FUEL ATOMISATION AND

VENTURI JETS FOR THE ATOMISATION OF LIQUID FUEL

- BRULEUR BINAIRE AVEC ATOMISATION DE COMBUSTIBLE PAR TUBE DE VENTURI, ET TUBE DE VENTURI POUR ATOMISATION DE COMBUSTIBLE LIQUIDE

(71) **WEBASTO THERMOSYSTEME INTERNATIONAL GMBH** [DE/DE]; Kraillinger Strasse 5, 82131 Stockdorf (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HUBBAUER, Christian** [DE/DE]; Gräfstrasse 137, 81241 München (DE). **MITTMANN, Bernd** [DE/DE]; Geschwister-Scholl-Ring 8, 82110 Germering (DE). **KERSCHER, Thomas** [DE/DE]; Fuggerstrasse 5, 81373 München (DE). **SALLINGER, Christine** [DE/DE]; Margaretenanger 21, 85716 Unterschleissheim (DE).

(74) **WIESE, Gerhard**; Wiese & Konnerth, Georgenstrasse 6, 82152 Planegg (DE).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **F23D 14/18**

(11) **WO 01/71252** (13) A1

(21) PCT/US01/40297

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 09/527,708 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- METHOD AND APPARATUS FOR A FUEL-RICH CATALYTIC REACTOR
- PROCEDE ET DISPOSITIF DESTINES A UN REACTEUR CATALYTIQUE RICHE EN COMBUSTIBLES

(71) **PRECISION COMBUSTION, INC.** [US/US]; 410 Sackett Point Road, New Haven, CT 06473 (US).

(72) **PFEFFERLE, William, C.**; 28 Sunny Hill Drive, Madison, CT 06443 (US). **SMITH, Lance, L.**; 321 King's Highway, North Haven, CT 06473 (US). **ETEMAD, Shahrokh**; 105 Teeter Rock Road, Trumbull, CT 06611 (US). **CASTALDI, Marco, J.**; 141 Dixon Street, Bridgeport, CT 06604 (US). **UL KARIM, Md., Hasan**; 96 Bolten Street, Hamden, CT 06518 (US).

(74) **MICHAUD, Richard, R.** et al. / etc.; McCormick, Paulding & Huber LLP, CityPlace II, 185 Asylum Street, Hartford, CT 06103-3402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F23G 5/00**

(11) **WO 01/71253** (13) A2

(21) PCT/NO01/00130

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 20001571 **24 Mar/mar 2000** NO **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- METHOD AND DEVICE FOR COMBUSTION OF SOLID FUEL
- PROCEDE ET DISPOSITIF PERMETTANT DE BRULER UN COMBUSTIBLE SOLIDE

(71) **ORGANIC POWER AS** [NO/NO]; P.O. Box 1237 Vika, N-0110 Oslo (NO). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KASIN, Sigvart** [NO/NO]; Bondalsgt. 3, N-3670 Notodden (NO).

(74) **RØHMEN, Eirik** et al. / etc.; Onsagers AS, P.O. Box 265 Sentrum, N-0103 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F23H 11/18**

(11) **WO 01/71254** (13) A1

(21) PCT/US01/07716

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 60/191,650 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- EXTENDED LIFE TRAVELING GRATE SIDE PLATE
- PLAQUE LATERALE DE GRILLE ROULANTE A DUREE DE VIE PROLONGEE

(71) **SVEDALA INDUSTRIES, INC.** [US/US]; 20965 Crossroads Circle, Waukesha, WI 53186 (US).

(72) **FORESMAN, James, D.**; 54 Brookfield Drive, Hughesville, PA 17737 (US).

(74) **KUBORN, Joseph, D.** et al. / etc.; Andrus, Sceales, Starke & Sawall, LLP, Suite 1100, 100 East Wisconsin Avenue, Milwaukee, WI 53202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **F23N 5/10, 3/08, F23L 11/00**

(11) **WO 01/71255** (13) A1

(21) PCT/US01/07335

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) en (26) en

(30) 09/533,310 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- CONTROL DEVICE FOR A GAS-FIRED APPLIANCE
- DISPOSITIF DE COMMANDE POUR UN APPAREIL D'UTILISATION DU GAZ

(71) **EFFIKAL INTERNATIONAL, INC.** [US/US]; 143 Northpointe Drive, Orion, MI 48359 (US).

(72) **WEISS, Cory, A.**; 13022 Adams Drive, Warren, MI 48093 (US). **DROLL, Paul, W.**; 10 Spring Lake Drive, Oxford, MI 48371 (US).

(74) **KOLAKOWSKI, William, F.**; Dykema Gossett PLLC, 39577 Woodward Avenue, Suite 300, Bloomfield Hills, MI 48304-2820 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F23Q 2/16**

(11) **WO 01/71256** (13) A1

(21) PCT/IB01/00419

(22) **26 Feb/fév 2001 (26.02.2001)**

(25) en (26) en

(30) 0006795.9 **22 Mar/mar 2000** GB **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- CHILD RESISTANT GAS LIGHTERS
- BRIQUETS A GAZ A SECURITE-ENFANT

(71) **SWEDISH MATCH LIGHTERS B.V.** [NL/NL]; A.H.G. Fokkerstraat 5, NL-9403 AM Assen (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SEWALT, Carel** [NL/NL]; Dwarsstukkerweg 8, NL-9591 TE Onstwedde (NL).

(74) **HARMAN, Michael, Godfrey**; Hillgate Patent Services, No. 6 Aztec Row, Berners Road, Islington, London N1 0PW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **F24C 1/16**

(11) **WO 01/71257** (13) A1

(21) PCT/US01/08476

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/527,658 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COLLAPSIBLE CART FOR A BARBECUE GRILL
• CHARIOT PLIABLE POUR BARBECUE

(71) **SUNBEAM PRODUCTS INC.** [US/US]; 2381 Executive Center Drive, Boca Raton, FL 33431 (US).

(72) **STEWART, Daniel, M.**; 1806 Redbud Drive, Joplin, MO 64801 (US). **GIEBEL, Michael, R.**; 2417 Windrose Lane, Joplin, MO 64804 (US). **WHITEHALL, Richard**; 323 East 8th Street, Apt. 2A, New York, NY 10009 (US). **LAMOND, Donald, R.**; 1806 Redbud Drive, Joplin, MO 64801 (US). **AKINRELE, Dylan**; 750 St. Marks Avenue, Apt. 1M, Broklyn, NY 11316 (US).

(74) **GARCES, John, C.** et al. / etc.; Kramer Levin Naftalis & Frankel LLP, 919 Third Avenue, New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F24F**

(11) **WO 01/71258** (13) A2

(21) PCT/DE01/01064

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) de (26) de

(30) 100 13 501.3 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CLIMATE CONTROL FOR THE TRANSPORT AND STORAGE OF PERISHABLES
• REGULATION CLIMATIQUE POUR LE TRANSPORT ET LE STOCKAGE DE DENREES PERISSABLES

(71, 72) **GÄBLER, Ralph** [DE/DE]; Brueghelstrasse 4, 53757 Sankt Augustin (DE).

(74) **STUTE, Ivo**; Partnerschaft Dunkelberg & Stute, Friesenwall 5-7, 50672 Köln (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F24F 1/02**

(11) **WO 01/71259** (13) A1

(21) PCT/FR01/00855

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) fr (26) fr

(30) 00/03865 **23 Mar/mar 2000** FR **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • REVERSIBLE SELF-CONTAINED INDIVIDUAL THERMODYNAMIC AIR-AIR HEATING APPARATUS
• APPAREIL INDIVIDUEL MONOBLOC REVERSIBLE DE CHAUFFAGE THERMODYNAMIQUE DU TYPE AIR-AIR

(71, 72) **ROLLIER, Jacques** [FR/FR]; 16 bis, rue Haute, F-78450 Chavenay (FR).

(74) **CABINET MARTINET & LAPOUX**; 43, boulevard Vauban, Boîte postale 405, Guyancourt, F-78055 Saint Quentin Yvelines Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F24F 3/14, 12/00**

(11) **WO 01/71260** (13) A1

(21) PCT/US01/06969

(22) **2 Mar/mar 2001 (02.03.2001)**

(25) en (26) en

(30) 09/519,484 **6 Mar/mar 2000** US **(06.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • VENTILATING DEHUMIDIFYING SYSTEM
• SYSTEME DE DESHUMIDIFICATION A VENTILATION

(71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) **RAGLAND, Ron, S.**; 1216 Douglas Avenue, Minneapolis, MN 55403 (US). **TERLSON, Brad, A.**; 6239 Fernbrook Lane, Maple Grove, MN 55311 (US). **STRAATE, Russell, A.**; 4610 Quantico Lane N., Plymouth, MN 55446 (US). **ROTERING, Leisha, J.**; 4711 30th Avenue S., Minneapolis, MN 55406 (US).

(74) **CRISS, Roger, H.** et al. / etc.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) CA.

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(51) **F24F 13/06**

(11) **WO 01/71261** (13) A1

(21) PCT/SE01/00534

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) sv (26) en

(30) 0000970-4 **21 Mar/mar 2000** SE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AIRFLOW CONTROLLING VALVE DEVICE
• DISPOSITIF DE VANNE DE REGULATION D'ECOULEMENT D'AIR

(71) **FRESHMAN FLIMMER AB** [SE/SE]; Box 7209, S-187 13 Täby (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KRANTZ, Evert** [SE/SE]; Malmvägen 16 C, S-191 61 Sollentuna (SE).

(74) **JOHANSSON, Lars**; Lars Johansson Patentbyrå AB, Box 68, S-801 02 Gävle (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F24F 13/12, 12/00, 13/28**

(11) **WO 01/71262** (13) A1

(21) PCT/EP01/00998

(22) **31 Jan/jan 2001 (31.01.2001)**

(25) de (26) de

(30) 100 13 689.3 **21 Mar/mar 2000** DE **(21.03.2000)**

(30) 100 13 691.5 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • VENTILATING DEVICE
• DISPOSITIF D'AERATION

(71) **SIEGENIA-FRANK KG** [DE/DE]; Eisenhüttenstrasse 22, 57074 Siegen (DE).

(72) **BITTCHER, Markus**; Heesstrasse 326, 57223 Kreuztal (DE). **BOTTLÄNDER, André**; Im Spree 11, 57462 Olpe (DE). **WEGMANN, Dieter**; An der Burg 32, 57299 Burbach (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **F25D 17/04**

(11) **WO 01/71263** (13) A1

(21) PCT/IT00/00090

(22) **20 Mar/mar 2000 (20.03.2000)**

(25) it (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEVICE AND METHOD FOR THE PRESERVATION OF FOODS UNDER VACUUM
• DISPOSITIF ET PROCEDE DE CONSERVATION D'ALIMENTS SOUS VIDE

(71) **MO-EL S.R.L.** [IT/IT]; Via Galvani, 18, I-42027 Montecchio Emilia (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERTANI, Carlo** [IT/IT]; Via Enza, 6, I-43022 Motechiarugolo (IT).

(74) **SALVADORI, Martino**; Bugnion S.p.A., Viale Lancetti, 17, I-20158 Milano (IT).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F25D 23/02**

(11) **WO 01/71264** (13) A1

(21) PCT/KR01/00433

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ko (26) en

(30) 2000-0007722 U **18 Mar/mar 2000** KR **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A MULTIPURPOSE REFRIGERATOR
• REFRIGERATEUR MULTI-USAGES

(71, 72) **LEE, Jeong-Hee** [KR/KR]; 742-1, Doosan-dong, suseong-gu, Daegu 706-080 (KR).

(74) **CHOI, Bong-Tae**; 402, 4rd Beomo Building, 33-2 Beomo-dong, Suseong-gu, Daegu 706-010 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F27B 9/02, 9/26, 9/24, 21/06**

(11) **WO 01/71265** (13) A1

(21) PCT/IB01/00395

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 2000/1429 **22 Mar/mar 2000** ZA **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HEATING SOLID MATERIAL IN TWO OPPOSITE STREAMS
• CHAUFFAGE DE MATIERE SOLIDE DANS DES COURANTS OPPOSES

(71, 72) **STONE, Andrew, Kenneth** [ZA/ZA]; 31 Riverpark Village, Wilgeboom Drive, Boskruin, Johannesburg, 2154 Gauteng (ZA). **VAN VUUREN, David, Steyn** [ZA/ZA]; 274 Albert Street, Waterkloof, Pretoria, 0181 Gauteng (ZA).

(74) **SCHWEIZER, Adrian, Victor, Van Reenen**; Adams & Adams, 3rd Floor, 23 Wellington Road, Parktown, Johannesburg, 2193 Gauteng (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F27B 15/14**

(11) **WO 01/71266** (13) A1

(21) PCT/JP00/01843

(22) **24 Mar/mar 2000 (24.03.2000)**

(25) ja (26) ja

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FLUIDIZED BED HEAT TREATING FURNACE
• FOUR DE TRAITEMENT THERMIQUE A LIT FLUIDISE

(71) **KOSEI ALUMINUM CO.,LTD.** [JP/JP]; Development Section, 2-1236, Kamiike-Cho, Toyota-City, Aichi 471-0804 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAMIYA, Shunkichi** [JP/JP]; Kosei Aluminum Co.,ltd., 2-1236, Kamiike-Cho, Toyota-City, Aichi 471-0804 (JP).

(74) **TAKEYAMA, Minekazu**; 2-23, Renjaku-St., Okazaki-City, Aichi 444-0046 (JP).

(81) DE JP US.

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(51)[7] **F27D**

(11) **WO 01/71267** (13) A2

(21) PCT/FI01/00280

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 20000658 **21 Mar/mar 2000** FI **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR MANUFACTURING A COOLING ELEMENT AND A COOLING ELEMENT
• PROCEDE DE FABRICATION D'UN ELEMENT REFRIGERANT ET ELEMENT REFRIGERANT

(71) **OUTOKUMPU OYJ** [FI/FI]; Riihitontuntie 7, FIN-02200 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAARINEN, Risto** [FI/FI]; Niittykuja 2 A 25, FIN-02200 Espoo (FI). **LEPPÄNEN, Yrjö** [FI/FI]; Mikonkatu 30 A 25, FIN-28100 Pori (FI).

(74) **OUTOKUMPU OYJ**; Intellectual Property Management, P.O. Box 27, FIN-02201 Espoo (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(u) for / pour US only / seulement

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(51)[7] **F28D 9/00**

(11) **WO 01/71268** (13) A1

(21) PCT/FR01/00587

(22) **28 Feb/fév 2001 (28.02.2001)**

(25) fr (26) fr

(30) 00/03550 **20 Mar/mar 2000** FR **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR ASSEMBLING THE PLATES OF A PLATE PACK AND RESULTING PLATE PACK
• PROCEDE D'ASSEMBLAGE DES PLAQUES D'UN FAISCEAU DE

PLAQUES ET FAISCEAU DE PLAQUES REALISE PAR UN TEL PROCEDE

(71) **PACKINOX** [FR/FR]; Tour Framatome, 1, place de la Coupole, F-92400 Courbevoie (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HUGUET, François, Régis** [FR/FR]; 6, clos de Lavelle, F-71380 Epervans (FR). **TANCA, Pierre** [FR/FR]; Champ Mathey - Cedex 1718, F-71390 Sainte Hélène (FR). **GILBERT-DESVALLONS, Eric** [FR/FR]; 4, rue Fontaine Melon, F-71380 St Marcel (FR).

(74) **JACOBSON, Claude**; Cabinet Lavoix, 2, place d'Estienne-d'Orves, F-75441 Paris Cedex 09 (FR).

(81) AM CA CN JP KR MX RU US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **F41A 17/44**

(11) **WO 01/71269** (13) A1

(21) PCT/US00/07218

(22) **17 Mar/mar 2000 (17.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • QUICK-RELEASE GUN LOCK
• DISPOSITIF DE VERROUILLAGE DE REVOLVER A DECLENCHEMENT RAPIDE

(71, 72) **ROSS, Larry** [US/US]; P.O. Box 1429, Idyllwild, CA 92599 (US).

(72) **LUNA, Cruz**; 155 N. Dillion Avenue, San Jacinto, CA 92583 (US).

(74) **STEINS, Karl, M.**; 2333 Camino del Rio South, Suite 120, San Diego, CA 92108 (US).

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **F41H 1/02, F41C 33/06, A45F 4/02**

(11) **WO 01/71270** (13) A1

(21) PCT/FR01/00888

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) fr (26) fr

(30) 00/03703 **23 Mar/mar 2000** FR **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • RUCKSACK WITH CONTROLLED AUTOMATIC OPENING
• SAC A DOS A OUVERTURE COMMANDEE ET AUTOMATIQUE

(71, 72) **ETIENNE, Stéphane** [FR/FR]; 12, rue de la Gare, F-78370 Plaisir (FR).

(74) **DE PASTORS, Alice**; 13, avenue du Général Leclerc, F-78150 Le Chesnay (FR).

(81) IL US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **F41H 11/16**

(11) **WO 01/71271** (13) A1

(21) PCT/FR01/00751

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) fr (26) fr

(30) 00/03556 **20 Mar/mar 2000** FR **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEVICE FOR CLEARING LAND-MINES
• DISPOSITIF DE SECURISATION D'UN TERRAIN MINE

(71) **FURUKAWA EQUIPEMENT S.A.** [FR/FR]; Rue Roger Salengro, F-69740 Genas (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMAMOTO, Naoki** [JP/FR]; 7, rue Maurice Genevoix, F-69740 Genas (FR). **RIBERON, Yves** [FR/FR]; 17, avenue de la République, F-69500 Bron (FR).

(74) **CABINET GERMAIN & MAUREAU**; Boîte postale 6153, F-69466 Lyon Cedex 06 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **F42B**

(11) **WO 01/71272** (13) A2

(21) PCT/US01/08535

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,458 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ORDNANCE FIRING SYSTEM
• DISPOSITIF DE MISE A FEU D'ENGINS MILITAIRES

(71) **THE ENSIGN-BICKFORD COMPANY** [US/US]; 660 Hopmeadow Street, P.O. Box 483, Simsbury, CT 06070-0483 (US).

(72) **BOUCHER, Craig, J.**; 19 Surry Circle, Simsbury, CT 06070 (US). **MARSHALL, Paul, N.**; 41 Cotswold Way, Avon, CT 06001 (US). **NOVOTNEY, David, B.**; 16 Lealand Avenue, Agawam, MA 01001 (US).

(74) **LIBERT, Victor, E.** et al. / etc.; Libert & Associates, P.O. Box 538, 3 Mill Pond Lane, Simsbury, CT 06070-0538 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Declarations / Déclarations :
(s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations

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(51)[7] **F42B 5/184, 5/188**

(11) **WO 01/71273** (13) A1

(21) PCT/EP01/02979

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) de (26) de

(30) 100 13 686.9 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TELESCOPIC CARTRIDGE COMPRISING A COMBUSTIBLE OR DESTRUCTIBLE CASE
• CARTOUCHE TELESCOPIQUE A DOUILLE INFLAMMABLE OU CONSOMMABLE

(71) **DYNAMIT NOBEL GMBH EXPLOSIVSTOFF- UND SYSTEMTECHNIK** [DE/DE]; Kaiserstrasse 1, 53840 Troisdorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JASKOLKA, Heinz** [DE/DE]; Hans-Böckler-Strasse 18, 42549 Velbert (DE). **MUSKAT, Erich** [DE/DE]; Brunnbachstrasse 36, 91154 Roth (DE). **RIESS, Heinz** [DE/DE]; Wiesengrundstrasse 20, 90765 Fürth (DE).

(74) **UPPENA, Franz** et al. / etc.; Dynamit Nobel Aktiengesellschaft, Patente, Marken & Lizenzen, 53839 Troisdorf (DE).

(81) CA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **F42C 19/08**

(11) **WO 01/71274** (13) A1

(21) PCT/FR01/00822

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) fr (26) fr

(30) 00/03821 **23 Mar/mar 2000** FR **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • IGNITER TUBE FOR ARTILLERY AMMUNITION
• TUBE ALLUMEUR POUR UNE MUNITION D'ARTILLERIE

(71) **GIAT INDUSTRIES** [FR/FR]; 13, route de la Minière, F-78000 Versailles (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRION, Bernard** [FR/FR]; 132, rue Louis Mallet, F-18000 Bourges (FR).

(74) **CELANIE, Christian**; Cabinet Célanie, 13, route de la Minière, BP 214, F-78002 Versailles Cedex (FR).

(81) IL US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)[7] **G01B 3/22, 5/30**

(11) **WO 01/71275** (13) A1

(21) PCT/GB01/01190

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 0006823.9 **21 Mar/mar 2000** GB **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A METHOD OF CALIBRATING A CRIMP MEASURING GAUGE AND A STANDARDISED BODY FOR USE IN SUCH METHOD
• PROCEDE DE CALIBRAGE D'UN INSTRUMENT DE MESURE DE SERTISSAGE ET CORPS NORMALISE DESTINE A ETRE UTILISE DANS LE CADRE DUDIT PROCEDE

(71) **BESPAK PLC** [GB/GB]; Bergen Way, North Lynn Industrial Estate, King's Lynn, Norfolk PE30 2JJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STANFORD, Anthony** [GB/GB]; 26 The Furlongs, Kingfisher Rise, Market Harborough, Leicestershire LE16 7XL (GB).

(74) **BOULT WADE TENNANT**; Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(u) for / pour US only / seulement

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(51)[7] **G01B 7/14, B02C 7/14**

(11) **WO 01/71276** (13) A1

(21) PCT/SE01/00572

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) sv (26) en

(30) 0001031-4 **23 Mar/mar 2000** SE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND ARRANGEMENT FOR DISTANCE MEASUREMENT
• PROCEDE ET DISPOSITIF DE MESURE DE DISTANCE

(71) **D/A PRODUCTION AB** [SE/SE]; Box 120, S-127 23 Skärholmen (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ÅKERBLOM, Bengt** [SE/SE]; Vårby Allé 23, S-143 40 Vårby (SE).

(74) **ALGMAN, Sven** et al. / etc.; Albihns Stockholm AB, Box 5581, S-114 85 Stockholm (SE).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(a)*

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(51)[7] **G01B 9/02**

(11) **WO 01/71277** (13) A1

(21) PCT/US01/08893

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,110 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 60/211,529 **15 Jun/juin 2000** US **(15.06.2000)**

(30) 09/766,687 **19 Jan/jan 2001** US **(19.01.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ELECTROSTATICALLY-ACTUATED TUNABLE OPTICAL COMPONENTS USING ENTROPIC MATERIALS
• COMPOSANTS OPTIQUES ACCORDABLES ACTIVES PAR VOIE ELECTROSTATIQUE UTILISANT DES MATERIAUX ENTROPIQUES

(71) **SOLUS MICRO TECHNOLOGIES, INC.** [US/US]; Suite 100, 5706 Corsa Avenue, Westlake Village, CA 91362 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VERMA, Ravi, K.** [IN/US]; 144 S. Catalina Avenue #7, Pasadena, CA 91106 (US). **LITTLE, Michael, J.** [US/US]; 5500 Tanoak Lane #249, Oakpark, CA 91377 (US). **TYRIE, Thomas, S.** [US/US]; 631 Oak Run Trail #302, Oak Park, CA 91377 (US). **LYON, John, J.** [US/US]; 21789 Crestwind Road, San Marcos, CA 92078-5075 (US).

(74) **VAZQUEZ, Rene, A.**; Hunton & Williams, Suite 1200, 1900 K Street, N.W., Washington, DC 20006-1109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **G01B 11/00, B82B 3/00**

(11) **WO 01/71278** (13) A1

(21) PCT/JP01/01267

(22) **21 Feb/fév 2001 (21.02.2001)**

(25) ja (26) ja

(30) 2000-81025 **22 Mar/mar 2000** JP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • APPARATUS FOR MEASURING POSITION OF FINE PARTICLE
• APPAREIL PERMETTANT DE MESURER LA POSITION D'UNE PARTICULE FINE

(71) **JAPAN SCIENCE AND TECHNOLOGY CORPORATION** [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) **SASAKI, Keiji** [JP/JP]; 6-11, Hiraokakoenhigashi 11-chome, Kiyota-ku, Sapporo-shi, Hokkaido 004-0882 (JP). **HOTTA, Junichi** [JP/JP]; 2-17, Kita 22 jo-nishi 9-chome, Kita-ku, Sapporo-shi, Hokkaido 001-0022 (JP).

(74) **NISHIZAWA, Toshio**; 6F, Mani-Building, 37-10, Udagawa-cho, Shibuya-ku, Tokyo 150-0042 (JP).

(81) CA US.

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(51)[7] **G01B 11/24**

(11) **WO 01/71279** (13) A1

(21) PCT/CA01/00376

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 2,301,822 **24 Mar/mar 2000** CA **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM FOR SIMULTANEOUS PROJECTIONS OF MULTIPLE PHASE-SHIFTED PATTERNS FOR THE THREE-DIMENSIONAL INSPECTION OF AN OBJECT
• SYSTEME PERMETTANT DE PROJETER SIMULTANEMENT DES MOTIFS A DEPHASAGE MULTIPLE EN VUE DE L'INSPECTION TRIDIMENSIONNELLE D'UN OBJET

(71) **SOLVISION INC.** [CA/CA]; 9-R Place du Commerce, Brossard, Quebec J4W 2V6 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COULOMBE, Alain** [CA/CA]; 1085 Croissant Savard, Brossard, Québec J4X 1X9 (CA). **CANTIN, Michel** [CA/CA]; App. 1410, 7680 Marie Victorin, Brossard, Quebec J4W 3L2 (CA). **NIKITINE, Alexandre** [CA/CA]; App. 35, 4243 Garnier, Montreal, Quebec H2J 3R7 (CA).

(74) **DUBUC, J., H.** et al. / etc.; Goudreau Gage Dubuc, Stock Exchange Tower, 800 Place Victoria, Suite 3400, P.O. Box 242, Montreal, Quebec H4Z 1E9 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **G01B 11/275**

(11) **WO 01/71280** (13) A2

(21) PCT/US01/08584

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/229,362 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 09/576,442 **22 May/mai 2000** US **(22.05.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SELF-CALIBRATING, MULTI-CAMERA MACHINE VISION MEASURING SYSTEM
• SYSTEME DE MESURE DE LA VISION D'UNE MACHINE A PLUSIEURS CAMERAS, A ETALONNAGE AUTOMATIQUE

(71) **SNAP-ON TECHNOLOGIES, INC.** [US/US]; 420 Barclay Boulevard, Lincolnshire, IL 60069 (US).

(72) **JACKSON, David, A.**; 23485 Summit Road, Los Gatos, CA 95033 (US). **ROBB, Michael, J.**; 6641 Mt. Holly Drive, San Jose, CA 95120 (US). **WALCHUK, Donald, L.**; 2 Hyde Park, Conway, AR 72032 (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 BY BZ CA CH CN CR CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01C 5/06, G01S 5/14**

(11) **WO 01/71281** (13) A1

(21) PCT/EP01/01891

(22) **20 Feb/fév 2001 (20.02.2001)**

(25) fr (26) fr

(30) 00201021.3 **22 Mar/mar 2000** EP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PORTABLE GPS RECEIVER USING A BAROMETRIC ALTIMETER
• RECEPTEUR GPS PORTABLE UTILISANT UN ALTIMETRE BAROMETRIQUE

(71) **ASULAB S.A.** [CH/CH]; Rue des Sors 3, CH-2074 Marin (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FARINE, Pierre-André** [CH/CH]; Port-Roulant 12, CH-2000 Neuchâtel (CH). **ETIENNE, Jean-Daniel** [CH/CH]; Route de Vanel 31, CH-2206 Les Geneveys-sur-Coffrane (CH).

(74) **ICB**; Ingénieurs Conseils en Brevets S.A., Rue des Sors 7, CH-2074 Marin (CH).

(81) CN JP SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G01C 11/26**

(11) **WO 01/71282** (13) A1

(21) PCT/US01/05763

(22) **22 Feb/fév 2001 (22.02.2001)**

(25) en (26) en

(30) 09/526,801 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INFORMATION SYSTEMS HAVING DIRECTIONAL INTERFERENCE FACILITY
• SYSTEMES D'INFORMATION A FONCTION D'INFERENCE DIRECTIONNELLE

(71) **GEOVECTOR CORPORATION** [US/US]; 601 Minnesota Street #212, San Francisco, CA 94107 (US).

(72) **ELLENBY, Thomas**; 601 Minnesota Street #212, San Francisco, CA 94107 (US). **ELLENBY, Peter**; 601 Minnesota Street #212, San Francisco, CA 94107 (US). **JAY, Jeffrey, Alan**; 1816 Wagner Lane, Petaluma, CA 94954 (US).

(74) **PAGE, Joseph**; 601 Minnesota Street #212, San Francisco, CA 94107 (US).

(81) AU CA FI JP KP NZ.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G01C 19/00**

(11) **WO 01/71283** (13) A2

(21) PCT/US01/40308

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,664 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 09/741,560 **20 Dec/déc 2000** US **(20.12.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • APPARATUS AND METHOD USING DIGITALLY CONTROLLED INTEGRATION FOR SIGNAL DETECTION WITH IMPROVED NOISE CHARACTERISTICS
• DISPOSITIF ET METHODE A INTEGRATION COMMANDEE NUMERIQUEMENT POUR LA DETECTION DE SIGNAUX AVEC CARACTERISTIQUES DE BRUIT AMELIOREES

(71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) **SCRUGGS, Michael, K.**; 20 Park Avenue, Pompton Plains, NJ 07444 (US). **KOVACS, Robert, A.**; 41 Ralph Road, West Orange, NJ 07052 (US). **YU, Ming-Hsing**; 82 Osceola Road, Wayne, NJ 07470 (US). **WALL, Peter, A.**; 117 Avenue A, Bayonne, NJ 07002 (US).

(74) **CRISS, Roger, H.** et al. / etc.; Honeywell International Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01C 19/00**

(11) **WO 01/71284** (13) A2

(21) PCT/US01/08820

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,663 **20 Mar/mar 2000** US **(20.03.2000)**

(30) Not furnished / non communiqué **16 Mar/mar 2001** US **(16.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DUAL SIGNAL MODULATION SCHEME FOR ELIMINATING NON-LINEARITY IN A SYSTEM
• MECANISME DOUBLE DE MODULATION DE SIGNAUX PERMETTANT D'ELIMINER DES NON-LINEARITES DANS UN SYSTEME

(71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 0796O (US).

(72) **SCRUGGS, Michael, K.**; 20 Park Avenue, Pompton Plains, NJ 07444 (US). **KOVACS, Robert, A.**; 41 Ralph Road, West Orange, NJ 07052 (US). **YU, Ming-Hsing**; 82 Osceola Road, Wayne, NJ 07470 (US). **WALL, Peter, A.**; 117 Avenue A, Bayonne, NJ 07002 (US).

(74) **CRISS, Roger, H.** et al. / etc.; Honeywell International Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01C 19/00**

(11) **WO 01/71285** (13) A2

(21) PCT/US01/08838

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,660 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 09/809,932 **16 Mar/mar 2001** US **(16.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • IMPROVED THERMAL-ELECTRICALLY COOLED PHOTODETECTOR
• PHOTODETECTEUR A REFROIDISSEMENT THERMOELECTRIQUE AMELIORE

(71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) **SCRUGGS, Michael, K.**; 20 Park Avenue, Pompton Plains, NJ 07444 (US). **KOVACS, Robert, A.**; 41 Ralph Road, West Orange, NJ

07052 (US). **YU, Ming-Hsing**; 82 Osceola Road, Wayne, NJ 07470 (US). **WALL, Peter, A.**; 117 Avenue A, Bayonne, NJ 07002 (US).

(74) **CRISS, Roger, H.** et al. / etc.; Honeywell International Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01C 21/26, G08G 1/0969**

(11) **WO 01/71286** (13) A1

(21) PCT/JP01/00602

(22) **30 Jan/jan 2001 (30.01.2001)**

(25) ja (26) ja

(30) 2000-81654 **23 Mar/mar 2000** JP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NAVIGATION SYSTEM
• SYSTEME DE NAVIGATION

(71) **SANYO ELECTRIC CO., LTD.** [JP/JP]; 5-5, Keihan-hondori 2-chome, Moriguchi City, Osaka 570-8677 (JP). **TOTTORI SANYO ELECTRIC CO., LTD.** [JP/JP]; 201, Minamiyoshikata 3-chome, Tottori City, Tottori 680-8634 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ABE, Yuichi** [JP/JP]; 6-15, Wakabadaiminami 3-chome, Tottori City, Tottori 689-1112 (JP). **YOSHIMURA, Tomoyuki** [JP/JP]; 212, Minamiyoshikata 3-chome, Tottori City, Tottori 680-0843 (JP). **IIDA, Susumu** [JP/JP]; 754-2, Takiyama, Tottori City, Tottori 680-0072 (JP). **YAMAMOTO, Akiyoshi** [JP/JP]; 22-1, Wakabadaikita 4-chome, Tottori City, Tottori 689-1111 (JP).

(74) **MIYAKOSHI, Noriaki**; Shin-ei Patent Office, 29th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6029 (JP).

(81) AU CN KR US.

(84) EP (DE FR NL).

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(51)[7] **G01D 5/165**

(11) **WO 01/71287** (13) A1

(21) PCT/DK01/00191

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) PA 2000 00470 **21 Mar/mar 2000** DK **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A POTENTIOMETER ASSEMBLY PROVIDING AN ENCODED OUTPUT SIGNAL
• ENSEMBLE POTENTIOMETRE DELIVRANT UN SIGNAL DE SORTIE CODE

(71) **TECHTRONIC A/S** [DK/DK]; Algade 43, DK-4000 Roskilde (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JØRGENSEN, Martin, Bondo** [DK/DK]; Lupinhaven 36, DK-2765 Smørum (DK). **FÜRST, Claus, Erdmann** [DK/DK]; Naturparken 13, DK-4000 Roskilde (DK).

(74) **PLOUGMANN, VINGTOFT & PARTNERS A/S**; Sankt Annæ Plads 11, P.O. Box 3007, DK-1021 Copenhagen K (DK).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01D 5/245, G01B 7/00, 7/30, G01L 3/10**

(11) **WO 01/71288** (13) A1

(21) PCT/JP00/03948

(22) **16 Jun/juin 2000 (16.06.2000)**

(25) ja (26) ja

(30) 2000-83987 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TORSIONAL QUANTITY MEASURING DEVICE
• DISPOSITIF DE MESURE DE LA GRANDEUR D'UNE TORSION

(71) **SUMTAK CORPORATION** [JP/JP]; 6-2, Chofugaoka 3-chome, Chofu-shi, Tokyo 182-0021 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NARUSE, Makoto** [JP/JP]; Sumtak Corporation, 6-2, Chofugaoka 3-chome, Chofu-shi, Tokyo 182-0021 (JP). **MARUYAMA, Yuji** [JP/JP]; Sumtak Corporation, 6-2, Chofugaoka 3-chome, Chofu-shi, Tokyo 182-0021 (JP).

(74) **ISHII, Yoichi** et al. / etc.; Tenjin Iyasaka Kosan Bldg. 3F, 23-1, Yushima 3-chome, Bunkyo-ku, Tokyo 113-0034 (JP).

(81) KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **G01F 1/44, F16K 5/10**

(11) **WO 01/71289** (13) A1

(21) PCT/DK01/00176

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) PA 2000 00469 **21 Mar/mar 2000** DK **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CONTROL VALVE
• CLAPET DE COMMANDE

(71) **BROEN ARMATUR A/S** [DK/DK]; Skovvej 30, DK-5610 Assens (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LILDHOLDT, Mads** [DK/DK]; Ramsherred 25, DK-5610 Assens (DK).

(74) **PATRADE A/S**; Fredens Torv 3A, DK-8000 Aarhus C (DK).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01F 1/84, 15/02**

(11) **WO 01/71290** (13) A1

(21) PCT/US01/02045

(22) **22 Jan/jan 2001 (22.01.2001)**

(25) en (26) en

(30) 09/533,026 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A METHOD AND APPARATUS FOR OPERATING CORIOLIS FLOWMETERS AT CRYOGENIC TEMPERATURES
• PROCEDE ET APPAREIL D'UTILISATION D'UN DEBITMETRE A EFFET DE CORIOLIS A DES TEMPERATURES CRYOGENIQUES

(71) **MICRO MOTION, INC.** [US/US]; 7070 Winchester Circle, Boulder, CO 80301 (US).

(72) **PATTEN, Andrew, T.**; 123 Green Meadow Lane, Boulder, CO 80302 (US).

(74) **DUFT, Donald, M.** et al. / etc.; Chrisman, Bynum & Johnson, P.C., 1900 Fifteenth Street, Boulder, CO 80302 (US).

(81) AU BR CA CN ID IN JP KR MX PL RU SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G01F 1/84, 1/74, 15/02**

(11) **WO 01/71291** (13) A1

(21) PCT/US01/09332

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,465 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 09/716,644 **21 Nov/nov 2000** US **(21.11.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CORRECTING FOR TWO-PHASE FLOW IN A DIGITAL FLOWMETER
• CORRECTION D'UN ECOULEMENT EN DEUX PHASES DANS UN DEBITMETRE NUMERIQUE

(63) US 60/191,465 (CON) 23 Mar/mar 2000 (23.03.2000)
US 09/716,644 (CON) 21 Nov/nov 2000 (21.11.2000)

(71) **THE FOXBORO COMPANY** [US/US]; 33 Commercial Street, NO2-3E, Foxboro, MA 02035 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MANUS, Henry, P.** [IE/GB]; 86 Stanton Road, Oxford OX 7TR (GB). **DE LA FUENTE, Maria, Jesus** [ES/ES]; C/Doctor Montero #9, 3rd G, E-47005 Valladolid (ES).

(74) **WALTERS, Gregory, A.**; Fish & Richardson, 601 Thirteenth Street N.W., Washington, DC 20005 (US).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G01F 3/36, A01J 5/01**

(11) **WO 01/71292** (13) A1

(21) PCT/AU01/00243

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) en (26) en

(30) PQ 6456 **24 Mar/mar 2000** AU **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LIQUID METERING
• MESURE DE LIQUIDES

(71) **AGRICULTURE VICTORIA SERVICES PTY LTD** [AU/AU]; 475 Mickleham Road, Attwood, Victoria 3049 (AU). **NATIONAL HERD IMPROVEMENT ASSOCIATION OF AUSTRALIA INC** [AU/AU]; 3/21 Vale Street, North Melbourne, Victoria 3051 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CLARKE, Timothy** [AU/AU]; Darnum Allambee Road, Cloverlea, Victoria 3820 (AU). **DAVIS, Laurie, Harold** [AU/AU]; RMB 6898 Copelands Road, Lillico, Victoria 3821 (AU). **SCHMIDT, Werner, Ludwig** [AU/AU]; Allambee Road, Darnum, Victoria 3822 (AU). **MOATE, Peter, Julian** [AU/US]; University of Pennsylvania, School of Veterinary Medicine, Clinical Studies, New Bolton Center, 382 W. Street Rd. Kennett Square, Pennsylvania, PA 19348 (US). **HANNAH, Murray, Colbourn** [AU/AU]; 51 Platts Road, Buln Buln, Victoria 3821 (AU). **TEMPEST, Temujin-Storm-Crow** [AU/AU]; RMB 2415 Hunters Road, Warragul South, Victoria 3821 (AU).

(74) **PERNAT, Alfred** et al. / etc.; Morcom Pernat, Suite 2, 334 Highbury Road, Mount Waverley, Victoria 3149 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01F 11/38, B05B 11/02, B05C 17/01, 11/10, A61D 7/00**

(11) **WO 01/71293** (13) A1

(21) PCT/NZ01/00039

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 503496 **21 Mar/mar 2000** NZ **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MULTI-BARREL DISPENSING APPARATUS
• APPAREIL DISTRIBUTEUR A PLUSIEURS CYLINDRES

(71) **PRIMA TECHNOLOGIES LIMITED** [NZ/NZ]; 55b Vardon Road, St Andrews, Hamilton (NZ).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAIN, John, Robert** [NZ/NZ]; 55b Vardon Road, St Andrews, Hamilton (NZ).

(74) **PARK, A., J.** et al. / etc.; Huddart Parker Building, 1 Post Office Square, Wellington (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01F 15/02, G01K 13/02**

(11) **WO 01/71294** (13) A1

(21) PCT/AU01/00302

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) PQ 6264 **17 Mar/mar 2000** AU **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND DEVICE FOR CONTROL OF DELIVERY OF TEMPERATURE-SENSITIVE HYDROCARBONS
• PROCEDE ET DISPOSITIF PERMETTANT DE REGULER LA DISTRIBUTION D'HYDROCARBURES SENSIBLES A UNE TEMPERATURE

(71, 72) **HARRIS, Kenneth, Robert** [AU/AU]; 39 Gorge Road, South Morang, Victoria 3752 (AU). **HAPSBURG, Edmund** [AU/AU]; 39 Gorge Road, South Morang, Victoria 3752 (AU).

(74) **ROSE, Ian, Stanley** et al. / etc.; Pipers, GPO Box 2272U, Melbourne, Victoria 3001 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01F 23/00, 25/00**

(11) **WO 01/71295** (13) A1

(21) PCT/US01/08412

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/527,167 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ALTERNATIVE LIQUID ENVIRONMENT MEASUREMENT SYSTEM AND METHOD
• SYSTEME ET PROCEDE DE MESURE D'UN ENVIRONNEMENT LIQUIDE DE REMPLACEMENT

(71) **HAL-TECH LTD.** [US/US]; 4140 Tuller Road, Columbus, OH 43017 (US). **FUTURE APPLIED SCIENTIFIC TECHNOLOGY** [US/US]; 6510 West State Road, Elida, OH 45807 (US).

(72) **TURNER, Randy, Lee**; 2750 Lake Hollow, Hilliard, OH 43029 (US). **HALLIDAY, Donald, R.**; 5312 Cascade Drive, Powell, OH 43065 (US).

(74) **MUELLER, Jerry, K., Jr.** et al. / etc.; Mueller and Smith, LPA, 7700 Rivers Edge Drive, Columbus, OH 43235 (US).

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G01F 23/00, B41J 2/195, G01J 1/42**

(11) **WO 01/71296** (13) A1

(21) PCT/US01/09473

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/534,828 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INK LEVEL SENSING DEVICE AND METHOD THEREFOR
• DISPOSITIF DE DETECTION DE NIVEAU D'ENCRE ET PROCEDE ASSOCIE

(71) **LEXMARK INTERNATIONAL, INC.** [US/US]; Intellectual Property Law Dept., 740 West New Circle Road, Lexington, KY 40550 (US).

(72) **DENTON, Gary, Allen**; 3508 Caicos Court, Lexington, KY 40509 (US). **ROUTT, Wilson, Morgan, Jr.**; 119 Arcadia Park, Lexington, KY 40503 (US).

(74) **LAMBERT, D., Brent**; Lexmark International, Inc., Intellectual Property Law Dept., 740 West New Circle Road, Lexington, KY 40550 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01G 17/06**

(11) **WO 01/71297** (13) A1

(21) PCT/GB01/01145

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 0006825.4 **21 Mar/mar 2000** GB **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CONTINUOUS LIQUID FLOW SYSTEM
• SYSTEME D'ECOULEMENT LIQUIDE CONTINU

(71) **BIOQUELL UK LIMITED** [GB/GB]; Walworth Road, Andover, Hampshire SP10 5AA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WATLING, David** [GB/GB]; Heathcrest, Guildford Road, Westcott, NR Dorking, Surrey RH4 3LB (GB).

(74) **BOULT WADE TENNANT**; Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01G 19/44, 23/00**

(11) **WO 01/71298** (13) A1

(21) PCT/US01/08847

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,847 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PATIENT WEIGHING APPARATUS
• APPAREIL DE PESAGE D'UN PATIENT

(71) **HILL-ROM SERVICES, INC.** [US/US]; Suite 530, 300 Delaware Avenue, Wilmington, DE 19801 (US).

(72) **RICHARDS, John, H.**; 2032 Greyhouse Drive, Warrington, PA 18976 (US).

(74) **CONARD, Richard, D.**; Barnes & Thornburg, 11 South Meridian Street, Indianapolis, IN 46204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Declarations / Déclarations :
(s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations

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(51)[7] **G01J**

(11) **WO 01/71299** (13) A2

(21) PCT/US01/08417

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,156 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 09/804,945 **13 Mar/mar 2001** US **(13.03.2001)**

(30) 09/809,554 **15 Mar/mar 2001** US **(15.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR CORRECTION OF MICROBOLOMETER OUTPUT
• PROCEDE ET APPAREIL DE CORRECTION DES SORTIES DE MICROBOLOMETRES

(71) **INFRARED COMPONENTS CORP.** [US/US]; 2306 Bleecker Street, Utica, NY 13502 (US).

(72) **KNAUTH, P., E., Jonathan, P.**; 10273 Roberts Road, Sauquoit, NY 13456 (US). **BALIK, Steven, M.**; 117 Mcavoy Avenue, Rome, NY 13440 (US).

(74) **ROEHRIG, August, E., Jr.** et al. / etc.; Hancock & Estabrook, LLP, 1500 Mony Tower 1, P.O. Box 4976, Syracuse, NY 13221-4976 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01J 11/00**

(11) **WO 01/71300** (13) A1

(21) PCT/US01/08608

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/190,250 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INSTRUMENTATION ADDRESSABLE THROUGH A CLIENT/SERVER PARADIGM
• INSTRUMENTS POUVANT ETRE ADRESSES PAR UN PARADIGME CLIENT/SERVEUR

(71) **CANBERRA INDUSTRIES, INC.** [US/US]; 800 Research Parkway, Meriden, CT 06450 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOY, Michael, J.** [US/US]; 10350 Hendrix Avenue NE, Albuquerque, NM 87111 (US). **ABERNATHY, Aden** [US/US]; Apartment 3126, 5800 Eubank NE, Albuquerque, NM 87112 (US).

(74) **CROZIER, John, H.**; 1934 Huntington Turnpike, Trumbull, CT 06611-5116 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01K 11/32, G01D 5/353**

(11) **WO 01/71301** (13) A1

(21) PCT/DE01/01008

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) de (26) de

(30) 100 14 377.6 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ASSEMBLY CONSISTING OF ELECTRONIC COMPONENTS AND COMPRISING A TEMPERATURE SENSOR
• DISPOSITIF CONSTITUE DE COMPOSANTS ELECTRONIQUES COMPORTANT UN CAPTEUR DE TEMPERATURE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SÖLKNER, Gerald** [DE/DE]; Am Bogen 8, 85521 Ottobrunn (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **G01L 5/24, B25B 23/14**

(11) **WO 01/71302** (13) A1

(21) PCT/JP01/02032

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) ja (26) ja

(30) 2000/77975 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BIT ADOPTER FOR TORQUE DETECTOR
• ADAPTATEUR DE TREPAN POUR DETECTEUR DE COUPLE

(71, 72) **TOTSU, Katsuyuki** [JP/JP]; 32-13, Oshiage 1-chome, Sumida-ku, Tokyo 131-0045 (JP).

(74) **HONDA, Takashi**; Hosokawa Building 8Fe, 1-17, Akasaka 1-chome, Minato-ku, Tokyo 107-0051 (JP).

(81) AU CA CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G01L 9/00, H01L 21/50, G01N 3/42**

(11) **WO 01/71303** (13) A2

(21) PCT/EP01/03353

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) de (26) de

(30) 100 14 048.3 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PRESSURE AND TEMPERATURE SENSOR
• DETECTEUR DE PRESSION ET DE TEMPERATURE

(71, 72) **BURCHARD, Michael** [DE/DE]; Markstrasse 412, 44795 Bochum (DE). **ZAITSEV, Alexander** [BY/DE]; Grüner Weg 22, 58119 Hagen (DE). **BURCHARD, Bernd** [DE/DE]; Steinhagen 3, 45276 Essen (DE). **DENISENKO, A., V.** [BY/DE]; Kurze Lemppen 3, 89075 Ulm (DE). **FAHRNER, W., R.** [DE/DE]; Grenzweg 23, 58097 Hagen (DE). **MEIJER, Jan** [DE/DE]; Baroperstrasse 26, 44892 Bochum (DE). **MARESCH, Walter, V.** [DE/DE]; Im Haarmannsbusch 107, 44797 Bochum (DE).

(74) **SCHNEIDERS & BEHRENDT**; Huestrasse 23, 44787 Bochum (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01M**

(11) **WO 01/71304** (13) A2

(21) PCT/US01/03870

(22) **6 Feb/fév 2001 (06.02.2001)**

(25) en (26) en

(30) 60/190,860 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROOF TESTING CAPSTANS FOR REDUCING SHEAR AND FIBER COATING DEFORMATION
• CABESTANS POUR TEST DE RESISTANCE DESTINES A REDUIRE LE CISAILLEMENT ET LA DEFORMATION DU REVETEMENT D'UNE FIBRE

(71) **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **RAVICHANDRAN, Manivannan** [IN/US]; 5820 Oak Bluff Lane, Wilmington, NC 28409 (US). **ROBERTS, Kenneth, W.** [US/US]; 214 S. 58th Street, Wilmington, NC 28409 (US). **WATSON, Johnnie, E.** [US/US]; 50 Brick Yard Road, Hampstead, NC 28443 (US).

(74) **CHERVENAK, William, J.**; Corning Incorporated, SP TI 3 1, Corning, NY 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G01M 13/00**

(11) **WO 01/71305** (13) A1

(21) PCT/FR01/00793

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) fr (26) fr

(30) 00/03658 **22 Mar/mar 2000** FR **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR ACCELERATED DEGRADATION OF AN ELEMENT DESIGNED TO BE RUN THROUGH BY A COOLING LIQUID IN A VEHICLE, AND INSTALLATION THEREFOR
• PROCEDE DE DEGRADATION ACCELEREE D'UN ORGANE DESTINE A ETRE TRAVERSE PAR DU LIQUIDE DE REFROIDISSEMENT DANS UN VEHICULE, ET INSTALLATION DE MISE EN OEUVRE DE CE PROCEDE

(71) **RENAULT** [FR/FR]; 13-15, quai Alphonse Le Gallo, F-92100 Boulogne Billancourt (FR).

(72) **MARCHAIS, Olivier**; 25, rue des Colibris, F-91310 Linas (US).

(74) **HILLION, Didier**; Renault Technocentre, Sce 0267 - TCR AVA 0 56, 1, avenue du Golf, F-78288 Guyancourt (FR).

(81) JP PL.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G01M 15/00, H04B 1/38, H04Q 7/24**

(11) **WO 01/71306** (13) A1

(21) PCT/KR01/00420

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) ko (26) en

(30) 2000/13860 **18 Mar/mar 2000** KR **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • VEHICLE DIAGNOSTIC SYSTEM AND METHOD USING MOBILE TELECOMMUNICATION SYSTEM
• SYSTEME DE DIAGNOSTIC DE VEHICULES RECOURANT A UN SYSTEME MOBILE DE TELECOMMUNICATIONS

(71) **GLOBAL ENGINEERING AND TECHNOLOGY** [KR/KR]; 179-180, Gumi-dong, Bundang-ku, 463-800 Seongnam-si, Kyunggi-do (KR). *(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **CHO, Hyung-ki** [KR/KR]; Unit 102-1804 Dongmun Apartment, 690, Pungduckchun-ri, Suzi-woop, 449-575 Youngin-si, Kyunggi-do (KR).

(74) **LEE, Jun-seo**; KCL, 10th Floor, Korea Coal Center, 80-6 Susong-dong, Chongro-ku, Seoul 110-727 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01M 17/02**

(11) **WO 01/71307** (13) A1

(21) PCT/EP01/02437

(22) **3 Mar/mar 2001 (03.03.2001)**

(25) de (26) de

(30) 100 13 965.5 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CONTROL METHOD FOR A BI-AXIAL WHEEL TEST BENCH FOR SIMULATING DRIVING STRESSES AND A BI-AXIAL WHEEL TEST BENCH
• PROCEDE DE REGULATION POUR UN BANC D'ESSAI DE ROUES BIAXIAL SERVANT A SIMULER DES CHARGES DE MARCHE ET BANC D'ESSAI DE ROUES BIAXIAL

(71) **HAYES LEMMERZ HOLDING GMBH** [DE/DE]; Ladestrasse, 53639 Königswinter (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHWENDEMANN, Heinz** [DE/DE]; Zingsheimstrasse 32, 53225 Bonn (DE).

(74) **ALTHAUS, Arndt**; Buschhoff-Hennicke-Vollbach, Postfach 190 408, 50501 Köln (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01N**

(11) **WO 01/71308** (13) A2

(21) PCT/GB01/01276

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 0006946.8 **23 Mar/mar 2000** GB **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INFRA-RED DETECTOR
• DETECTEUR A INFRA-ROUGES

(71) **OPTIMA SOLUTIONS UK LTD.** [GB/GB]; Unit 10, Campus 2, Software Centre, Science and Technology Park, Balgownie Drive, Bridge of Don, Aberdeen AB22 8GU (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OAG, Jamie** [GB/GB]; 493 King Street, Aberdeen AB24 3BT (GB).

(74) **KENNEDYS PATENT AGENCY LIMITED**; Floor 5, Queen's House, 29 St. Vincent Place, Glasgow G1 2DT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01N**

(11) **WO 01/71309** (13) A2

(21) PCT/US01/09174

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/191,014 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHODS AND REAGENTS FOR REGULATION OF CELLULAR RESPONSES IN BIOLOGICAL SYSTEMS
• METHODES ET REACTIFS DESTINES A LA REGULATION DE REPONSES CELLULAIRES DANS DES SYSTEMES BIOLOGIQUES

(71) **WISCONSIN ALUMNI RESEARCH FOUNDATION** [US/US]; P.O. Box 7365, Madison, WI 53707-7365 (US).

(72) **KIESSLING, Laura, L.**; 2320 Lakeland Avenue, Madison, WI 53704 (US). **STRONG, Laura, E.**; 4403 Dwight Road, Madison, WI 53706 (US). **GESTWICKI, Jason, E.**; 15 Sherman Terrace #6, Madison, WI 53704 (US).

(74) **SULLIVAN, Sally, A.** et al. / etc.; Greenlee, Winner and Sullivan, P.C., Suite 201, 5370 Manhattan Circle, Boulder, CO 80303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01N 1/00, 30/24, 1/34**

(11) **WO 01/71310** (13) A1

(21) PCT/EP01/02960

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 00830204.4 **20 Mar/mar 2000** EP **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A SYSTEM FOR AUTOMATICALLY EXTRACTING AND ANALYSING RESIDUAL SOLVENTS IN MATERIAL SAMPLES
• SYSTEME AUTOMATIQUE D'EXTRACTION ET D'ANALYSE DE SOLVANTS RESIDUELS DANS DES ECHANTILLONS DE MATERIAUX

(71, 72) **SQUICCIARINI, Carlo** [IT/IT]; Villa Raverio, Viale Kennedy, 98, I-20045 Besana Brianza (IT).

(74) **ROBBA, Pierpaolo** et al. / etc.; Interpatent, Via Caboto, 35, I-10129 Torino (IT).

(81) CA CN JP US.

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(51)[7] **G01N 1/00**

(11) **WO 01/71311** (13) A2

(21) PCT/US01/08677

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,010 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ELECTROSTATIC SYSTEMS AND METHODS FOR DISPENSING LIQUIDS
• SYSTEMES ET PROCEDES ELECTROSTATIQUES DESTINES A DISTRIBUER DES LIQUIDES

(71) **NANOSTREAM, INC.** [US/US]; 2275 East Foothill Boulevard, Pasadena, CA 91107 (US).

(72) **O'CONNOR, Stephen, D.**; 1892 Galbreth Road, Pasadena, CA 91104 (US). **DANTSKER, Gene**; 3710 Garnett Street, Apartment 103, Torrance, CA 90503 (US). **GAMBLE, Ronald, C.**; 2038 Foothill Boulevard, Pasadena, CA 91107 (US).

(74) **YADAV, Rajiv**; McCutchen, Doyle, Brown & Enersen, LLP, Three Embarcadero Center, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01N 1/00**

(11) **WO 01/71312** (13) A2

(21) PCT/US01/09110

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/532,686 **22 Mar/mar 2000** US **(22.03.2000)**

(30) 09/790,871 **23 Feb/fév 2001** US **(23.02.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • APPARATUS AND METHOD FOR ELECTROPHYSIOLOGICAL TESTING
• DISPOSITIF ET PROCEDE POUR DES TESTS ELECTROPHYSIOLOGIQUES

(71) **ABBOTT LABORATORIES** [US/US]; CHAD 377 / AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-6050 (US).

(72) **TRUMBULL, Jonathan, D.**; 4209 Maple Lane, Apt. 1C, Zion, IL 60099 (US). **BERTRAND, Daniel, C.**; 11 rue St. Germain, CH-1204 Geneva (CH). **BRIGGS, Clark, A.**; 881 Scott Place, Libertyville, IL 60048 (US). **MCKENNA, David, G.**; 3404 Cove Court, McHenry, IL 60050 (US). **MASLANA, Eugene, S.**; 7017 Wilson Terrace, Morton Grove, IL 60053 (US). **BLANCHARD, David, P.**; 5720 66th Street, Kenosha, WI 53142 (US). **PAN, Jeffrey, Y.**; 27190 Bradley Road, Lake Forest, IL 60045 (US). **BOJAN, Peter, M.**; 753 Durham Lane, Grayslake, IL 60030 (US). **NEMCEK, Thomas, A.**; 70 N. Caroline Street, Crystal Lake, IL 60014 (US).

(74) **WEINSTEIN, David, L.** et al. / etc.; Abbott Laboratories, CHAD 377 / AP6D, 100 Abbott Park Road, Abbott Park, IL 60064-6050 (US).

(81) AU CA JP MX NO.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G01N 3/24 // 27/72, G01L 1/00, 7/00, B28D 5/04**

(11) **WO 01/71313** (13) A1

(21) PCT/EP01/02666

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) de (26) de

(30) 00810247.7 **22 Mar/mar 2000** EP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DETECTION OF THE SOLIDITY STATE OF A PRE-HEATED METAL BODY HAVING THIXOTROPIC CHARACTERISTICS
• DETERMINATION DE L'ETAT DE RESISTANCE D'UN CORPS METALLIQUE PRECHAUFFE, PRESENTANT DES PROPRIETES THIXOTROPES

(71) **ALUSUISSE TECHNOLOGY & MANAGEMENT AG** [CH/CH]; Bad. Bahnhofstr. 16, CH-8212 Neuhausen am Rheinfall (CH). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PLATA, Miroslaw** [CH/CH]; Chemin Neuf 28, CH-1963 Vétroz (CH). **ARNOLD, Grégoire** [CH/CH]; La Rotze, CH-3972 Miège (CH). **BAGNOUD, Christophe** [CH/CH]; Route de Riondaz 38, CH-3968 Veyras (CH).

(74) **ALUSUISSE TECHNOLOGY & MANAGEMENT AG**; Bad. Bahnhofstr. 16, CH-8212 Neuhausen am Rheinfall (CH).

(81) AU BR CA CZ HU JP MX NO PL SI US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G01N 15/06, 21/29, C03B 37/15, C12Q 1/68, G06G 7/58, C07H 21/02, 21/04, C12P 19/34**

(11) **WO 01/71314** (13) A1

(21) PCT/US01/09254

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/191,362 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMPETITION ASSAY FOR DETECTING COMPOUND-PROTEIN INTERACTIONS*IN SITU*
• DOSAGE PAR COMPETITION POUR LA DETECTION IN SITU D'INTERACTIONS COMPOSES-PROTEINE

(71) **LIFESPAN BIOSCIENCES, INC.** [US/US]; 700 Blanchard Street, Seattle, WA 98121 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BURMER, Glenna, C.** [US/US]; 7516 55th Place, NE, Seattle, WA 98115 (US).

(74) **PARENT, Annette, S.** et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01N 19/02**

(11) **WO 01/71315** (13) A1

(21) PCT/NO01/00108

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) no (26) en

(30) 2000 1294 **13 Mar/mar 2000** NO **(13.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEVICE FOR MEASURING OF FRICTION
• DISPOSITIF POUR MESURER LA FRICTION

(71) **HAREID BRUKTSALG AS** [NO/NO]; N-6069 Hareid (NO). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KLØVNING, Bjarne** [NO/NO]; N-6069 Hareid (NO).

(74) **PROTECTOR INTELLECTUAL PROPERTY CONSULTANTS AS**; P.O. Box 5074 Majorstua, N-0301 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01N 21/00**

(11) **WO 01/71316** (13) A2

(21) PCT/US01/07915

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 09/535,300 **24 Mar/mar 2000** US **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ONE-DIMENSIONAL ARRAYS ON OPTICAL FIBERS
• GROUPEMENTS UNIDIMENSIONNELS SUR DES FIBRES OPTIQUES

(71) **WISYS TECHNOLOGY FOUNDATION, INC.** [US/US]; 614 Walnut Street, Madison, WI 53705 (US).

(72) **SCHWABACHER, Alan, W.**; 4060 N. Farwell Avenue, Shorewood, WI 53211 (US). **GEISSINGER, Peter**; 4110 N. Farwell Avenue, Shorewood, WI 53211 (US).

(74) **BAKER, C., Hunter**; Choate, Hall & Stewart, Exchange Place, 53 State Street, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01N 21/00, 21/01, 21/17, 31/20, 33/544, 33/538, 33/567, 33/537, 33/543, 33/53, 33/546, 33/552, C12M 1/00, C12N 1/00, 1/20, 11/00, C12Q 1/68, C07H 21/04**

(11) **WO 01/71317** (13) A1

(21) PCT/US01/08790

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,091 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR DETECTING AN ANALYTE BY FLUORESCENCE
• PROCEDE PERMETTANT DE DETECTER UN ANALYTE PAR FLUORESCENCE

(71) **ANALYTICAL BIOLOGICAL SERVICES, INC.** [US/US]; Cornell Business Park 701-4, Wilmington, DE 19801 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **REPPY, Mary, A.** [US/US]; 811 N. Franklin Street, Wilmington, DE 19806 (US). **SPORN, Sarah, A.** [US/US]; 204 W. Longspur Drive, Wilmington, DE 19808 (US). **SALLER, Charles, F.** [US/US]; 11812 Paseo Lucido #2011, San Diego, CA 92128 (US).

(74) **AMERNICK, Burton, A.** et al. / etc.; Connolly Bove Lodge & Hutz, P.O. Box 19088, Washington, DC 20036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01N 21/03, 21/27, 21/29, 21/75**

(11) **WO 01/71318** (13) A1

(21) PCT/US01/09092

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/532,125 **21 Mar/mar 2000** US **(21.03.2000)**

(30) 09/705,329 **3 Nov/nov 2000** US **(03.11.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COLORIMETRIC ARTIFICIAL NOSE HAVING AN ARRAY OF DYES AND METHOD FOR ARTIFICIAL OLFACTION
• NEZ ARTIFICIEL COLORIMETRIQUE POSSEDANT UN RESEAU DE REACTIFS COLORES ET PROCEDE DESTINE A UN ODORAT ARTIFICIEL

(71) **THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS** [US/US]; 601 East John Street, Champaign, IL 61820 (US).

(72) **SUSLICK, Kenneth, S.**; 54 Chestnut Court, Champaign, IL 61822 (US). **RAKOW, Neal, A.**; Apartment 187, 2107 West White Street, Champaign, IL 61821 (US). **SEN, Avijit**; Apartment B, 1912 Orchard Street, Urbana, IL 61801 (US).

(74) **RESIS, Robert, H.** et al. / etc.; Banner & Witcoff, Ltd., Suite 3000, 10 South Wacker Drive, Chicago, IL 60606-7407 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(t) for all designations / pour toutes les désignations

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(51)[7] **G01N 21/17, A61B 10/00**

(11) **WO 01/71319** (13) A1

(21) PCT/JP01/01724

(22) **6 Mar/mar 2001 (06.03.2001)**

(25) ja (26) ja

(30) 2000/78534 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF CALCULATING OPTICAL PATH DISTRIBUTION INSIDE SCATTERING ABSORBER
• PROCEDE DE DETERMINATION DE LA DISTRIBUTION DE PARCOURS OPTIQUE A L'INTERIEUR D'UN ABSORBANT DE DIFFUSION

(71) **HAMAMATSU PHOTONICS K.K.** [JP/JP]; 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TSUCHIYA, Yutaka** [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP).

(74) **HASEGAWA, Yoshiki** et al. / etc.; Soei Patent and Law Firm, Okura-honkan, 6-12, Ginza 2-chome, Chuo-ku, Tokyo 104-0061 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01N 21/31**

(11) **WO 01/71320** (13) A1

(21) PCT/JP00/07146

(22) **16 Oct/oct 2000 (16.10.2000)**

(25) ja (26) ja

(30) 2000-85350 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR ANALYZING VAPORIZED METAL
• PROCEDE ET APPAREIL D'ANALYSE DE METAL VAPORISE

(71) **NKK CORPORATION** [JP/JP]; 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YOSHIDA, Kazukiyo** [JP/JP]; NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **ISHIDA, Tomoharu** [JP/JP]; NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **AKIYOSHI, Takanori** [JP/JP]; NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **CHINO, Atsushi** [JP/JP]; NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **SUMI, Ikuhiro** [JP/JP]; NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **KAWABATA, Ryo** [JP/JP]; NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(74) **NAKAHAMA, Yasumitsu**; Intellectual Property Dept., NKK Corporation, 1-1, Minamiwatarida-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0855 (JP).

(81) KR US.

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(51)[7] **G01N 21/55, 25/68**

(11) **WO 01/71321** (13) A1

(21) PCT/GB01/01224

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 0006822.1 **21 Mar/mar 2000** GB **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AN INSTRUMENT TO MEASURE THE AMOUNT OF CONDENSATION DURING A GASEOUS STERILISATION PROCESS
• INSTRUMENT POUR MESURER LE DEGRE DE CONDENSATION LORS D'UN PROCESSUS DE STERILISATION GAZEUX

(71) **BIOQUELL UK LIMITED** [GB/GB]; Walworth Road, Andover, Hampshire SP10 5AA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARTIN, Anthony** [GB/GB]; 11 Foxcotte Close, Andover SP10 4AS (GB).

(74) **BOULT WADE TENNANT**; Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **G01N 21/77, 21/47**

(11) **WO 01/71322** (13) A2

(21) PCT/CA01/00367

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,344 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR ASSAY FOR MULTIPLE ANALYTES
• PROCEDE ET APPAREIL POUR UN DOSAGE DESTINE AUX ANALYTES MULTIPLES

(71, 72) **GOH, M., Cynthia** [CA/CA]; 11 Palmerston Gdns., Toronto, Ontario M6G 1V8 (CA). **GOH, Jane, B.** [PH/CA]; 11 Palmerston Gdns., Toronto, Ontario M6G 1V8 (CA). **MCALONEY, Richard** [CA/CA]; 2-141 Admiral Road, Toronto, Ontario M5R 2L7 (CA). **LOO, Richard** [CA/CA]; 11 Palmerston Gdns., Toronto, Ontario M6G 1V8 (CA).

(74) **HILL & SCHUMACHER**; Suite 802, 335 Bay Street, Toronto, Ontario M5H 2R3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01N 21/956, H01L 21/66**

(11) **WO 01/71323** (13) A1

(21) PCT/JP01/02369

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-83409 **24 Mar/mar 2000 (24.03.2000)** JP

(30) 2000-265737 **1 Sep/sep 2000 (01.09.2000)** JP

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • APPARATUS FOR DETECTING DEFECT
• APPAREIL DE DETECTION DE DEFAUTS

(71) **OLYMPUS OPTICAL CO., LTD.** [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) **KOMURO, Takahiro** [JP/JP]; 8686, Inatomi, Tatsunomachi, Kamiinagun, Nagano 399-0428 (JP). **TSUJI, Haruyuki** [JP/JP]; 539, Chubu, Misono, Ina-shi, Nagano 396-0000 (JP). **MIURA, Yasutada** [JP/JP]; 302, Nuts-Field, 652-2, Utsukimachi, Hachioji-shi, Tokyo 192-0024 (JP). **TANAKA, Toshihiko** [JP/JP]; 15-17, Higashimachi, Komagane-shi, Nagano 399-4106 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(a)*

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(51)[7] **G01N 22/00**

(11) **WO 01/71324** (13) A1

(21) PCT/US01/08354

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/531,243 **21 Mar/mar 2000 (21.03.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NARROW BAND INFRARED WATER FRACTION APPARATUS FOR GAS WELL AND LIQUID HYDROCARBON FLOW STREAM USE
• APPAREIL INFRAROUGE DE FRACTIONEMENT DE L'EAU PAR BANDE ETROITE UTILISE DANS DES PUITS DE GAZ ET FLUX D'HYDROCARBURES LIQUIDES

(71) **PREMIER INSTRUMENTS, INC.** [US/US]; Suite 232, 10801 Hammerly, Houston, TX 77043 (US).

(72) **LIEVOIS, John, S.**; 12218 Perthshire, Houston, TX 77024 (US). **LANSANGAN, Roberto, M.**; 19014 Ridge Hill Court, Houston, TX 77084 (US). **RODGER, George, J.**; 11942 Waldemar, Houston, TX 77077 (US). **DEL TORO, Arnold**; 12210 Meadow Hollow, Stafford, TX 77477 (US).

(74) **ROMMELMANN, Douglas, W.** et al. / etc.; Akin, Gump, Strauss, Hauer & Feld, L.L.P., 1900 Pennzoil Place, South Tower, 711 Louisiana, Houston, TX 77002 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **G01N 23/00**

(11) **WO 01/71325** (13) A2

(21) PCT/US01/07338

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) en (26) en

(30) 09/527,389 **16 Mar/mar 2000 (16.03.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CALIBRATION AND ALIGNMENT OF X-RAY REFLECTOMETRIC SYSTEMS
• ETALONNAGE ET ALIGNEMENT DE SYSTEMES RELECTOMETRIQUES A RAYONS X

(71) **THERMA-WAVE, INC.** [US/US]; 1250 Reliance Way, Fremont, CA 94539 (US).

(72) **KOPPEL, Louis, N.**; 308 Waverley Street, #4, Menlo Park, CA 94025 (US). **UHRICH, Craig, E.**; 202 Rutherford Avenue, Redwood City, CA 94061 (US). **OPSAL, Jon**; 2295 Norwood Road, Livermore, CA 94550 (US).

(74) **STALLMAN, Michael, A.** et al. / etc.; Stallman & Pollock L.L.P., 121 Spear Street, Suite 290, San Francisco, CA 94105 (US).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G01N 27/00**

(11) **WO 01/71326** (13) A2

(21) PCT/US01/08944

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/190,764 **20 Mar/mar 2000 (20.03.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR ANALYSIS OF ANALYTES BY MASS SPECTROMETRY
• PROCEDE D'ANALYSE D'ANALYTES PAR SPECTROMETRIE DE MASSE

(71) **CIPHERGEN BIOSYSTEMS, INC.** [US/US]; 6611 Dumbarton Circle, Fremont, CA 94555 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PHAM, Thang, T.** [US/US]; 1101 Lincoln Drive, Mountain View, CA 94040 (US).

(74) **BAUDE, Eric, J.** et al. / etc.; Townsend 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 BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01N 27/02**

(11) **WO 01/71327** (13) A2

(21) PCT/EP01/02762

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 00/03629 **22 Mar/mar 2000 (22.03.2000)** FR

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEVICES FOR CHARACTERIZING A MULTIPHASE FLUID HAVING A CONTINUOUS CONDUCTIVE PHASE
• DISPOSITIFS DE CARACTERISATION D'UN FLUIDE A PHASES MULTIPLES POSSEDANT UNE PHASE CONDUCTRICE CONTINUE

(71) **SCHLUMBERGER TECHNOLOGY B.V.** [NL/NL]; Parkstraat 83-89, NL-2514 JG The Hague (NL).
(for all designated States except / pour tous les États désignés sauf CA FR GB US)

(71) **SERVICES PETROLIERS SCHLUMBERGER** [FR/FR]; 42, rue Saint Dominique, F-75007 Paris (FR).
(only for / seulement pour FR)

(71) **SCHLUMBERGER CANADA LIMITED** [CA/CA]; 24th floor, Monenco Place, 801 6th Avenue S.W., Calgary, Alberta T2P 3W2 (CA).
(only for / seulement pour CA)

(71) **SCHLUMBERGER HOLDINGS LIMITED** [—/—]; P.O. Box 71, Graigmuir Chambers, Road Town, Tortola (VG).
(only for / seulement pour GB)

(72, 75) **SALAMITOU, Philippe** [FR/FR]; 9bis, rue Boileau, F-75016 Paris (FR).

(74) **HYDEN, Martin**; Etudes & Productions Schlumberger, 1, rue Henri Becquerel, Boîte postale 202, F-92142 Clamart Cedex (FR).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CO CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)[7] **G01N 27/26, 33/48**

(11) **WO 01/71328** (13) A1

(21) PCT/KR01/00113

(22) **27 Jan/jan 2001 (27.01.2001)**

(25) ko (26) en

(30) 2000/0014421 **22 Mar/mar 2000** KR **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ELECTROCHEMICAL BIOSENSOR TEST STRIP WITH RECOGNITION ELECTRODE AND READOUT METER USING THIS TEST STRIP
• BANDE D'ESSAI DE BIOCAPTEUR ELECTROCHIMIQUE A ELECTRODE DE RECONNAISSANCE ET DISPOSITIF DE LECTURE DE MESURE UTILISANT CETTE BANDE D'ESSAI

(71) **ALL MEDICUS CO., LTD.** [KR/KR]; 1st Floor, Samsung Life Insurance Kwanyang-Dong Building, 1459-2, Kwanyang 2-Dong, Dongan-Gu, Anyang, Kyunggi-Do 431-062 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RYU, Jun-Oh** [KR/KR]; 98-9 Jongam2-Dong, Sungbuk-Gu, Seoul 136-092 (KR). **LEE, Jin-Woo** [KR/KR]; Syunghwa-mansion 402 1468-1, Gwanyang2-Dong, Dongan-Gu, Anyang, Kyunggi-Do 431-062 (KR). **CHOI, In-Hwan** [KR/KR]; 401-1403, Dal-vit Maeul Hwajeong-Dong, Deokyang-Gu, Koyang, Kyunggi-Do 412-270 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01N 27/26, 33/48**

(11) **WO 01/71329** (13) A1

(21) PCT/KR01/00120

(22) **30 Jan/jan 2001 (30.01.2001)**

(25) ko (26) en

(30) 2000-14424 **22 Mar/mar 2000** KR **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ELECTROCHEMICAL BIOSENSOR READOUT METER
• DISPOSITIF DE MESURE INDICATEUR A BIOCAPTEUR ELECTROCHIMIQUE

(71) **ALL MEDICUS CO., LTD.** [KR/KR]; Samsung Life Insurance, Kwanyang-Dong Building, 1st Floor, 1459-2, Kwanyang 2-Dong, Dongan-Gu, Anyang, Kyunggi-Do 431-062 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RYU, Jun-Oh** [KR/KR]; 98-9 Jongam2-Dong, Sungbuk-Gu, Seoul 136-092 (KR). **LEE, Jin-Woo** [KR/KR]; 402 Syunghwa-mansion, 1468-1, Gwanyang2-Dong, Dongan-Gu, Anyang, Kyunggi-Do 431-062 (KR). **CHOI, In-Hwan** [KR/KR]; 401-1403, Dal-vit Maeul, Hwajeong-Dong, Deokyang-Gu, Koyang, Kyunggi-Do 412-270 (KR).

(74) **CHO, Heum-O** et al. / etc.; HO & CHO International Patent & Law Office, Seo-won Building, 4th Floor, 1699-1 Seocho-Dong, Seocho-Gu, Seoul 137-070 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01N 27/26, 27/447**

(11) **WO 01/71330** (13) A1

(21) PCT/US01/05909

(22) **26 Feb/fév 2001 (26.02.2001)**

(25) en (26) en

(30) 09/526,920 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ELECTROMOBILITY FOCUSING CONTROLLED CHANNEL ELECTROPHORESIS SYSTEM
• SYSTEME DE FOCALISATION DE L'ELECTROMOBILITE PAR ELECTROPHORESE CAPILLAIRE COMMANDEE

(71, 72) **LEFEBRE, David** [US/US]; P.O. Box 949, 4665 Puerta del Sol, Camino, CA 95709 (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 BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01N 27/26, 27/447**

(11) **WO 01/71331** (13) A1

(21) PCT/US01/08526

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 60/190,060 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ELECTROPHORESIS MICROCHIP AND SYSTEM
• SYSTEME ET MICROPLAQUETTE D'ELECTROPHORESE

(71) **SPECTRUMEDIX CORPORATION** [US/US]; 2124 Old Gatesburg Road, State College, PA 16803 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LIU, Changsheng** [CN/US]; 697 Tanager Drive, State College, PA 16801 (US). **LOGE, Gary, W.** [US/US]; 1241 Shamrock Avenue, State College, PA 16801-6914 (US).

(74) **ABRAMS, Samuel, B.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01N 27/407, 27/417**

(11) **WO 01/71332** (13) A1

(21) PCT/DE01/00972

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) de (26) de

(30) 100 13 881.0 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SENSOR ELEMENT WITH CATALYTICALLY ACTIVE LAYER AND METHOD FOR THE PRODUCTION THEREOF
• ELEMENT DETECTEUR COMPORTANT UNE COUCHE A EFFET CATALYTIQUE ET SON PROCEDE DE PRODUCTION

(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) **STAHL, Roland** [DE/DE]; Finkenweg 11, 71691 Freiberg (DE). **HOETZEL, Gerhard** [DE/DE]; Mahlestrasse 62A, 70376 Stuttgart (DE). **NEUMANN, Harald** [DE/DE]; Hills Tech Drive 380, 4833 Farmington Hills (DE). **RIEGEL, Johann** [DE/DE]; Eichenweg 27, 74321 Bietigheim-Bissingen (DE). **DIEHL, Lothar** [DE/DE]; Grubenaecker 141, 70499 Stuttgart (DE).

(81) BR JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G01N 27/407**

(11) **WO 01/71333** (13) A1

(21) PCT/DE01/00985

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) de (26) de

(30) 100 13 882.9 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SENSOR ELEMENT OPERATED WITH A PRELIMINARY CATALYSIS
• ELEMENT DETECTEUR AVEC PRE-CATALYSE

(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) **STAHL, Roland** [DE/DE]; Finkenweg 11, 71691 Freiberg (DE). **HOETZEL, Gerhard** [DE/DE]; Mahlestrasse 62A, 70376 Stuttgart (DE). **NEUMANN, Harald** [DE/US]; 380 Hills Tech Drive, Farmington Hills, 4833 (US). **RIEGEL, Johann** [DE/DE]; Eichenweg 27, 74321 Bietigheim-Bissingen (DE). **DIEHL, Lothar** [DE/DE]; Grubenaecker 141, 70499 Stuttgart (DE).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G01N 27/49, B23K 26/00**

(11) **WO 01/71334** (13) A1

(21) PCT/EP01/02793

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) de (26) de

(30) 100 14 667.8 **24 Mar/mar 2000** DE **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR PRODUCING GAS DIFFUSION MEMBRANES BY MEANS OF PARTIAL LASER EVAPORATION
• PROCEDE DE PRODUCTION DE MEMBRANES DE DIFFUSION GAZEUSE PAR EVAPORATION PARTIELLE AU LASER

(71) **ENVITEC-WISMAR GMBH** [DE/DE]; Philipp-Müller Strasse 12, 23966 Wismar (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LINDNER, Bernd** [DE/DE]; Tannenweg 5, 23626 Ratekau (DE). **WICKNER, Steffen** [DE/DE]; Dorfstrasse 1 d, 23948 Niederklütz (DE).

(74) **LEDERER, KELLER & RIEDERER**; Prinzregentenstrasse 16, 80538 München (DE).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **G01N 27/49**

(11) **WO 01/71335** (13) A2

(21) PCT/US01/07180

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) en (26) en

(30) 09/531,707 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR IMPROVED GAS SENSOR
• APPAREIL ET PROCEDE POUR CAPTEUR DE GAZ PERFECTIONNE

(71) **TELEDYNE TECHNOLOGIES INCORPORATED** [US/US]; 2049 Century Park East, Los Angeles, CA 90067 (US).

(72) **BROY, Stephen, H.**; 9515 55th Street, Riverside, CA 92509 (US). **PATRIZIO, Austin, J.**; 36 Wembley Drive, Mt. Laurel, NJ 08054 (US).

(74) **KUSS, William, E.** et al. / etc.; Kirkpatrick & Lockhart LLP, Henry W. Oliver Building, 535 Smithfield Street, Pittsburgh, PA 15222-2312 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01N 29/02, H01L 21/02**

(11) **WO 01/71336** (13) A1

(21) PCT/US01/08913

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/531,970 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FLEXURAL PLATE WAVE SENSOR AND ARRAY
• DETECTEUR D'ONDES A PLAQUE FLEXIBLE ET RESEAU

(71) **THE CHARLES STARK DRAPER LABORATORY, INC.** [US/US]; 555 Technology Square, Cambridge, MA 02139 (US).

(72) **CUNNINGHAM, Brian, T.**; 23 Bedford Street, Lexington, MA 02420 (US).

(74) **SHANSKE, Jason, D.** et al. / etc.; Iandiorio & Teska, 260 Bear Hill Road, Waltham, MA 02451-1018 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01N 29/06, 29/04**

(11) **WO 01/71337** (13) A1

(21) PCT/US01/07808

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 09/526,925 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF DETECTING HARD ALPHA INCLUSIONS IN A TITANIUM CASTING
• PROCEDE DE DETECTION D'INCLUSIONS ALPHA DURES DANS UNE PIECE COULEE EN TITANE

(71) **HOWMET RESEARCH CORPORATION** [US/US]; 1500 S. Warner Road, Whitehall, MI 49461-1895 (US).

(72) **STRABEL, George, R.**; 643 S. Bear Lake Road, Muskegon, MI 49445-2747 (US).

(74) **TIMMER, Edward, J.**; Walnut Woods Centre, 5955 W. Main Street, Kalamazoo, MI 49009 (US).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G01N 29/10**

(11) **WO 01/71338** (13) A1

(21) PCT/CA01/00241

(22) **28 Feb/fév 2001 (28.02.2001)**

(25) en (26) en

(30) 09/534,357 **24 Mar/mar 2000** US **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ULTRASONIC TESTING
• ESSAI PAR ULTRASONS

(63) US 09/534,357 (CON)
24 Mar/mar 2000 (24.03.2000)

(71) **SHAW INDUSTRIES LTD.** [CA/CA]; 25 Bethridge Road, Rexdale, Ontario M9W 1M7 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SIEBERT, Martin, Anton** [CA/CA]; 4707 - 32nd Avenue S.W., Calgary, Alberta T3E 0X4 (CA). **PRENTICE, Garth, Rodney** [CA/CA]; 69 Tuscarora Circle N.W., Calgary, Alberta T3L 2B8 (CA). **KVEPS, Andris, Alexander** [CA/CA]; 976 Canaveral Crescent S.W., Calgary, Alberta T2W 1N5 (CA).

(74) **VASS, William, B.** et al. / etc.; Ridout & Maybee, Suite 2400, One Queen Street East, Toronto, Ontario M5C 3B1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01N 29/18, 29/10**

(11) **WO 01/71339** (13) A1

(21) PCT/FR01/00874

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) fr (26) fr

(30) 00/03696 **23 Mar/mar 2000** FR **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR ASSESSING RESILIENCE OF A WELDED ASSEMBLY AND CORRESPONDING ANALYSIS APPARATUS FOR MEASURING SURFACE ULTRASONIC WAVE SPEEDS
• PROCEDE D'EVALUATION DE RESILIENCE D'UN ASSEMBLAGE SOUDE ET APPAREIL D'ANALYSE CORRESPONDANT MESURANT DES VITESSES D'ONDES ULTRASONORES SUPERFICIELLES

(71) **SNECMA MOTEURS** [FR/FR]; 2, boulevard du Général Martial Valin, F-75015 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHATELLIER, Jean-Yves, François,** [FR/FR]; 52, avenue Pierre Ronsard, F-94110 Arcueil (FR). **RAMAHEFASOLO, Daniel, Sébastien** [FR/FR]; 33, rue des Sablons, F-91540 Echarcon (FR).

(74) **ILGART, Jean-Christophe**; Brevalex, 3, rue du Docteur Lancereaux, F-75008 Paris (FR).

(81) CA JP RU UA US.

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(51)[7] **G01N 30/02**

(11) **WO 01/71340** (13) A1

(21) PCT/US01/07905

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 09/528,480 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FLUID HANDLING APPARATUS
• APPAREIL DE MANUTENTION DE FLUIDE

(71) **MICROMONITORS, INC.** [US/US]; 63140 Britta Street, C-100, Bend, OR 97701 (US).

(71, 72) **WATERS, Thomas** [US/US]; 63140 Britta Street, C-100, Bend, OR 97701 (US). **BUSHNELL, Raymond** [US/US]; 63140 Britta Street, C-100, Bend, OR 97701 (US).

(74) **HANCOCK, Douglas, D.**; ipsolon llp, 805 S.W. Broadway #2740, Portland, OR 97205 (US).

(81) AU BR CA CN GB IL IN JP KR NZ SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G01N 31/22, 33/52, 1/00**

(11) **WO 01/71341** (13) A1

(21) PCT/JP01/02263

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) ja (26) ja

(30) 2000-84354 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SPECIMEN FEEDING AUXILIARY IMPLEMENT
• DISPOSITIF AUXILIAIRE D'INTRODUCTION D'ECHANTILLONS

(71) **ARKRAY, INC.** [JP/JP]; 57, Nishiaketa-cho, Higashikujo, Minami-ku, Kyoto-shi, Kyoto 601-8045 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TANAKA, Yoshiyuki** [JP/JP]; c/o ARKRAY, INC., 57, Nishiaketa-cho, Higashikujo, Minami-ku, Kyoto-shi, Kyoto 601-8045 (JP). **NODA, Yuichiro** [JP/JP]; c/o ARKRAY, INC., 57, Nishiaketa-cho, Higashikujo, Minami-ku, Kyoto-shi, Kyoto 601-8045 (JP). **HIRAO, Konomu** [JP/JP]; c/o ARKRAY, INC., 57, Nishiaketa-cho, Higashikujo, Minami-ku, Kyoto-shi, Kyoto 601-8045 (JP).

(74) **IKEUCHI, Hiroyuki** et al. / etc.; Suite 401, UMEDA PLAZA Building, 3-25, Nishitenma 4-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G01N 33/00**

(11) **WO 01/71342** (13) A2

(21) PCT/EP01/03267

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,670 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ORGANIC COMPOUNDS
• COMPOSES ORGANIQUES

(71) **NOVARTIS AG** [CH/CH]; Lichtstrasse 35, CH-4056 Basle (CH).
(for all designated States except / pour tous les États désignés sauf AT US)

(71) **NOVARTIS-ERFINDUNGEN VERWALTUNGSGESELLSCHAFT M.B.H.** [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).
(only for / seulement pour AT)

(71) **THE SCRIPPS RESEARCH INSTITUTE** [US/US]; 10550 North Torrey Pines Road, La Jolla, CA 92037 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KRICEK, Franz** [AT/AT]; Ulmenweg 9, A-2362 Biedermannsdorf (AT). **NECHANSKY, Andreas** [AT/AT]; Rudolf-Zellergasse 50-52/9/8, A-1230 Wien (AT). **ROBERTSON, Michael** [US/US]; 1824 Torrance Street, San Diego, CA 92103 (US).

(74) **BECKER, Konrad**; Novartis AG, Corporate Intellectual Property, Patent & Trademark Department, CH-4002 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01N 33/00, A01K 67/00, 67/033, C12N 15/74**

(11) **WO 01/71343** (13) A1

(21) PCT/US01/40311

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,186 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHODS FOR SCREENING AND IDENTIFYING PATHOGEN VIRULENCE FACTORS
• PROCEDES DE CRIBLAGE ET D'IDENTIFICATION DE FACTEURS DE VIRULENCE PATHOGENE

(71) **THE GENERAL HOSPITAL CORPORATION** [US/US]; 55 Fruit Street, Boston, MA 02114 (US).

(72) **AUSUBEL, Frederick, M.**; 271 Lake Avenue, Newton, MA 02161 (US). **ABALLAY, Alejandro**; 47 Skyline Drive, Apartment 11, Braintree, MA 02184 (US). **YORGEY, Peter, S.**; 44 Blakeslee Street, Cambridge, MA 02138 (US).

(74) **DeCAMP, James, D.**; Clark & Elbing LLP, 176 Federal Street, Boston, MA 02110-2214 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01N 33/00**

(11) **WO 01/71344** (13) A2

(21) PCT/US01/07022

(22) **6 Mar/mar 2001 (06.03.2001)**

(25) en (26) en

(30) 09/527,801 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • IMMUNOCHROMATOGRAPHIC ASSAY METHOD AND APPARATUS
• PROCEDE ET DISPOSITIF D'ESSAI IMMUNO-CHROMATOGRAPHIQUE

(71) **QUANTUM DESIGN, INC.** [US/US]; 11578 Sorrento Valley Road, Suite 30, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LA BORDE, Ronald, T.** [US/US]; 8163 Royal Gorge Drive, San Diego, CA 92119 (US).

(74) **BAKER & MAXHAM**; Lawrence A. Maxham, 750 B Street, Suite 3100, San Diego, CA 92101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01N 33/053, 23/06**

(11) **WO 01/71345** (13) A1

(21) PCT/US01/09100

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/191,324 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • OPTICALLY AND FLUIDICALLY ENHANCED IN VITRO DIAGNOSTIC TEST CHAMBER
• COMPARTIMENT D'ESSAI DIAGNOSTIQUE <I>IN VITRO</I> AMELIORE DU POINT DE VUE OPTIQUE ET FLUIDIQUE

(71) **HITACHI CHEMICAL DIAGNOSTICS, INC.** [US/US]; 630 Clyde Court, Mountain View, CA 94043 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **INNERST, Dianna** [US/US]; 4481 Park Paxton Place, San Jose, CA 95136 (US). **KASSINOS, Adonis** [US/US]; 1405 Alderbrook Lane, San Jose, CA 95129 (US). **WOOLEY, C., Benjamin** [US/US]; 108 Ellsworth Place, Chapel Hill, NC 27516 (US). **WILMARTH, Brett** [US/US]; 1740 Chartwell Lane, Tracy, CA 95376 (US). **SELL, William, J.** [US/US]; 1 Keller Street, Petaluma, CA 94954 (US). **ZYCHLINSKY, Emi** [US/US]; 866 Marshall Drive, Palo Alto, CA 94303 (US). **MARINO, Donald** [US/US]; 107 Baja Sol Drive, Scotts Valley, CA 95066 (US). **YAMADA, Sandy** [US/US]; 904 Cape Point Place, San Jose, CA 95133 (US). **RYAN, Renee** [US/US]; 6276 Sager Way, San Jose, CA 95123 (US). **DING, Karen** [US/US]; 3764 Harlequin Terrace, Fremont, CA 94555 (US). **ZATZKE, Michael** [US/US]; 2151 Oakland Road #445, San Jose, CA 95131 (US).

(74) **HYNES, William, Michael** 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01N 33/48**

(11) **WO 01/71346** (13) A2

(21) PCT/US01/09155

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/190,946 **21 Mar/mar 2000** US **(21.03.2000)**

(30) 60/190,996 **21 Mar/mar 2000** US **(21.03.2000)**

(30) 60/191,299 **21 Mar/mar 2000** US **(21.03.2000)**

(30) 09/813,653 **20 Mar/mar 2001** US **(20.03.2001)**

(30) 09/813,448 **20 Mar/mar 2001** US **(20.03.2001)**

(30) 09/813,651 **20 Mar/mar 2001** US **(20.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BINDING COMPOUNDS AND METHODS FOR IDENTIFYING BINDING COMPOUNDS
• COMPOSES DE FIXATION ET PROCEDE D'IDENTIFICATION DE COMPOSES DE FIXATION

(71) **CONSENSUS PHARMACEUTICALS, INC.** [US/US]; 200 Boston Avenue, Medford, MA 02155 (US).

(72) **NESTOR, John, J., Jr.**; 19 Sweeney Ridge Road, Bedford, MA 01730 (US). **WILSON, Carol, J.**; 24 Fellsway, Apt. #3, Somerville, MA 02145 (US). **SEE, Raymond, H.**; 2 Hawthorne Place, Apt. #9, Boston, MA 02114 (US). **TAN HEHIR, Christina, A.**; 11 Fordham Street, Arlington, MA 02474 (US).

(74) **CAMACHO, Jennifer, A.**; Testa, Hurwitz & Thibeault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01N 33/48**

(11) **WO 01/71347** (13) A1

(21) PCT/US01/09402

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,895 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 60/213,658 **23 Jun/juin 2000** US **(23.06.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR PREDICTING LIGAND BINDING INTERACTIONS
• METHODE ET DISPOSITIF PERMETTANT DE PREDIRE DES INTERACTIONS DE LIAISON POUR LIGANDS

(71) **CALIFORNIA INSTITUTE OF TECHNOLOGY** [US/US]; 1200 East California Boulevard, Mail Code 201-85, Pasadena, CA 92115 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FLORIANO, Wely, B.** [—/]; **-VAIDEHI, Nagarajan** [—/]; **-GODDARD, William, A., III** [—/]; -

(74) **PORTER, Timothy, A.**; Fish & Richardson, P.C., 2200 Sand Hill Road #100, Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01N 33/48, B07C 5/00, 5/02**

(11) **WO 01/71348** (13) A1

(21) PCT/US01/09541

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,693 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BIOLOGICAL PARTICLE SORTER
• DISPOSITIF DE TRIAGE DE PARTICULES BIOLOGIQUES

(71) **THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY** [US/US]; Suite 350, 900 Welch Road, Palo Alto, CA 94304 (US).

(72) **FURLONG, Eileen**; Suite 6, 2065 California Avenue, Mountain View, CA 94040 (US). **PROFITT, David**; 916 Saint Joseph Avenue, Los Altos, CA 94024 (US). **SCOTT, Matthew**; 914 Wing Place, Stanford, CA 94305 (US).

(74) **SHERWOOD, Pamela, J.**; Bozicevic, Field & Francis LLP, Suite 200, 200 Middlefield Road, Menlo Park, CA 94025 (US).

(81) AU CA JP MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G01N 33/487**

(11) **WO 01/71349** (13) A1

(21) PCT/GB01/01238

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0006748.8 **21 Mar/mar 2000** GB **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • IMPROVED INTERFACE PATCH CLAMPING
• INTERFACE DE PATCH-CLAMP AMELIOREE

(71) **CENES LIMITED** [GB/GB]; Compass House, Vision Park, Chivers Way, Histon, Cambridge CB4 9ZR (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NORWOOD, James, Henry** [GB/GB]; CeNeS Limited, Compass House, Vision Park, Chivers Way, Histon, Cambridge CB4 9ZR (GB). **OWEN, David, Geraint** [GB/GB]; CeNeS Limited, Compass House, Vision Park, Chivers Way, Histon, Cambridge CB4 9ZR (GB). **PIOTROWSKI, Voi** [GB/GB]; CeNeS Limited, Compass House, Vision Park, Chivers Way, Histon, Cambridge CB4 9ZR (GB).

(74) **DAVIES, Jonathan, Mark**; Reddie & Grose, 16 Theobalds Road, London WC1X 8PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01N 33/50**

(11) **WO 01/71350** (13) A2

(21) PCT/US01/09052

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/535,261 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHODS OF REGISTERING TRANSMEMBRANE ELECTRIC POTENTIALS
• PROCEDES PERMETTANT D'ENREGISTRER LES POTENTIELS ELECTRIQUES TRANS-MEMBRANAIRES

(71) **AXIOM BIOTECHNOLOGIES, INC.** [US/US]; 3550 General Atomics Court, San Diego, CA 92121 (US).

(72) **OKUN, Ilya**; 5310 Sunglow Court, San Diego, CA 92117 (US). **OKUN, Alex**; 4629 Vereda Luz del Sol, San Diego, CA 92130 (US). **KALER, Gregory**; #19, 8155 Cargill Avenue, San Diego, CA 92122 (US).

(74) **HUNT, Dale, C.**; Knobbe, Martens, Olson & Bear, LLP, 16th Floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01N 33/53, 33/567, A01N 37/18, A61K 38/00**

(11) **WO 01/71351** (13) A1

(21) PCT/US00/20138

(22) **25 Jul/juil 2000 (25.07.2000)**

(25) en (26) en

(30) 60/191,109 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR TREATMENT OF NEURODEGENERATIVE DISEASES
• PROCEDE DESTINE AU TRAITEMENT DES MALADIES NEURODEGENERATIVES

(71) **THE GENERAL HOSPITAL CORPORATION** [US/US]; Fruit Street, Boston, MA 02114 (US).
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(72, 75) **KIM, Tae-Wan** [KR/US]; 3224 Avalon Drive, Wilmington, MA 01887 (US). **TANZI, Rudolph, E.** [US/US]; 3 Oceanside Drive, Hull, MA 02045 (US). **YOO, Andrew, S.** [CA/US]; Apartment #3B, 1265 15th Street, Fort Lee, NJ 07024 (US).

(74) **FLESHNER, Raz, E.** et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934 (US).

(81) AU BR CA IL IN IS JP MX NZ US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **G01N 33/53**

(11) **WO 01/71352** (13) A2

(21) PCT/US01/08946

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/190,705 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMPOSITIONS ASSOCIATED WITH COMPLEX FORMATION, AND METHODS OF USE THEREOF
• COMPOSITIONS ASSOCIEES A LA FORMATION DE COMPLEXES ET LEURS PROCEDES D'UTILISATION

(71) **THE SALK INSTITUTE FOR BIOLOGICAL STUDIES** [US/US]; 10010 North Torrey Pines Road, La Jolla, CA 92037 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MONTMINY, Marc** [US/US]; 13741 Trento Place, Del Mar, CA 92130 (US). **WAGNER, Brandee** [US/US]; 1943 Reed Avenue, San Diego, CA 92109 (US).

(74) **FULLER, Michael, L.**; Knobbe, Martens, Olson & Bear, LLP, 16th Floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01N 33/543**

(11) **WO 01/71353** (13) A1

(21) PCT/US01/06357

(22) **28 Feb/fév 2001 (28.02.2001)**

(25) en (26) en

(30) 09/527,226 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A PRACTICAL METHOD AND APPARATUS FOR ANALYTE DETECTION WITH COLLOIDAL PARTICLES
• PROCEDE ET APPAREIL PRATIQUES POUR LA DETECTION D'ANALYTES A L'AIDE DE PARTICULES COLLOIDALES

(71) **THE UNIVERSITY OF WYOMING** [US/US]; 16th and Gibbon, Laramie, WY 82071 (US).

(71, 72) **CARRON, Keith, T.** [US/US]; The University of Wyoming, 16th & Gibbon, Laramie, WY 82071 (US). **CORCORAN, Robert, C.** [US/US]; The University of Wyoming, 16th & Gibbon, Laramie, WY 82071 (US). **SULK, Roberta, A.** [US/US]; The University of Wyoming, 16th & Gibbon, Laramie, WY 82071 (US).

(74) **SANTANGELO, Luke**; Santangelo Law Offices, P.C., 125 South Howes, Third Floor, Fort Collins, CO 80521 (US).

(81) CA JP MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **G01N 33/543**

(11) **WO 01/71354** (13) A2

(21) PCT/US01/08788

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,766 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INORGANIC PARTICLE CONJUGATES
• CONJUGUES DE PARTICULES INORGANIQUES

(63) US 60/190,766 (CON)
20 Mar/mar 2000 (20.03.2000)

(71) **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** [US/US]; Room 26-335, 77 Massachusetts Avenue, Cambridge, MA 02142 (US). **NAVAL RESEARCH LABORATORY** [US/US]; Optical Science Division, Code 5611, Washington, DC 20375 (US).
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(72, 75) **MATTOUSSI, Hedi** [US/US]; 2304 Apple Hill Road, Alexandria, VA 22308 (US). **ANDERSON, George, P.** [US/US]; 9904 Woodstream Place, Lanham, MD 20706 (US). **MAURO, J., Matthew** [US/US]; 10012 Markham Street, Silver Spring, MD 20901 (US). **BAWENDI, Moungi, G.** [US/US]; 263 Commonwealth Avenue #5, Boston, MA 02116 (US). **SUNDAR, Vikram, C.** [IN/US]; 555 Main Street, Suite 104, Stoneham, MA 02180 (US).

(74) **PRAHL, Eric, L.**; Fish & Richardson, 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01N 33/574**

(11) **WO 01/71355** (13) A2

(21) PCT/US01/40355

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,678 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • USE OF IGF-I, IGFBP-3 AND PSA TO PREDICT THE RISK OF PROSTATE CANCER
• UTILISATION DE IGF-I, IGFBP-3 ET PSA POUR PREDIRE UN RISQUE DE CANCER DE LA PROSTATE

(71) **BETH ISRAEL DEACONESS MEDICAL CENTER, INC.** [US/US]; 330 Brookline Avenue, Boston, MA 02215 (US). **KAROLINSKAS INNOVATIONS AB** [SE/SE]; S-171 77 Stockholm (SE). **PRESIDENTS AND FELLOWS OF HARVARD COLLEGE** [US/US]; 124 Mount Auburn Street, Cambridge, MA 02138 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MANTZOROS, Christos, S.** [GR/US]; 50 Godard Avenue, Brookline, MA 02445 (US). **WOLK, Alicja** [SE/SE]; Kalbergsvagen 18, S-113 27 Stockholm (SE). **ANDERSSON, Swen-Olof** [SE/SE]; Erikslundsvagen 12, S-702 21 Orebro (SE). **ADAMI, Hans-Olov** [SE/SE]; Hornsgatan 84, S-118 21 Stockholm (SE). **TRICHOPOULOS, Dimitrious** [GR/US]; 20 Chapel St., Apt. 102A, Brookline, MA 02446 (US).

(74) **MORGENSTERN, Arthur, S.** et al. / etc.; Weingarten, Schurgin, Gagnebin & Hayes LLP, Ten Post Office Square, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG)
(u) for / pour US only / seulement; (u) for / pour US only / seulement

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(51)[7] **G01N 33/68, C07K 14/195, 14/435, C12N 15/12, 15/31, G01N 33/68, C12N 15/31, 15/12, C07K 14/195, 14/47**

(11) **WO 01/71356** (13) A2

(21) PCT/FR01/00843

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) fr (26) fr

(30) 00/03637 **22 Mar/mar 2000** FR **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PEPTIDE SEQUENCES COMPRISING ONE OR SEVERAL PROTEIN BINDING UNITS OF THE ENA/VASP FAMILY, AND USES THEREOF
• SEQUENCES PEPTIDIQUES COMPRENANT UN OU PLUSIEURS MOTIFS DE LIAISON AUX PROTEINES DE LA FAMILLE Ena/VASP, ET LEURS UTILISATIONS

(71) **CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE** [FR/FR]; 3, rue Michel-Ange, F-75794 Paris Cedex 16 (FR). **INSTITUT CURIE** [FR/FR]; 26, rue d'Ulm, F-75248 Paris Cedex 05 (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRADELIZI, Julie** [FR/FR]; 88bis, boulevard de Port-Royal, F-75005 Paris (FR). **FRIEDERICH, Evelyne** [LU/LU]; 13, rue Bessemer Eschiallette, L-4032 Luxembourg (LU). **GOLSTEYN, Roy, M.** [CA/FR]; 20, rue du Champ de l'Alouette, F-75013 Paris (FR). **LOUVARD, Daniel** [FR/FR]; 23, allée de Trévise, F-92330 Sceaux (FR). **NOIREAUX, Vincent** [FR/FR]; 4, rue de la Ridenne, F-41120 Cormeray (FR). **SYKES, Cécile** [FR/FR]; 3, villa Coeur de Vey, F-75014 Paris (FR).

(74) **DEMACHY, Charles** et al. / etc.; Grosset-Fournier & Demachy SARL, 20, rue de Maubeuge, F-75009 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01N 33/68**

(11) **WO 01/71357** (13) A2

(21) PCT/GB01/01219

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 0006695.1 **20 Mar/mar 2000** GB **(20.03.2000)**

(30) 0007265.2 **24 Mar/mar 2000** GB **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROTEINS, GENES AND THEIR USE FOR DIAGNOSIS AND TREATMENT OF BREAST CANCER
• PROTEINES, GENES ET LEUR UTILISATION POUR DIAGNOSTIQUER ET TRAITER LE CANCER DE LA POITRINE

(71) **OXFORD GLYCOSCIENCES (UK) LIMITED** [GB/GB]; The Forum, 86 Milton Park, Abingdon, Oxon OX14 4RY (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HERATH, Herath, Mudiyanselage, Athula, Chandrasiri** [GB/GB]; Oxford GlycoSciences (UK) Ltd., The Forum, 86 Milton Park, Abingdon, Oxon OX14 4RY (GB). **O'HARE, Michael, John** [GB/GB]; Ludwig Institute for Cancer Research, 91 Riding House Street, London W1P 8BT (GB). **PAGE, Martin, John** [GB/GB]; Oxford GlycoSciences (UK) Ltd., The Forum, 86 Milton Park, Abingdon, Oxon OX14 4RY (GB). **PAREKH, Rajesh, Bhikhu** [GB/GB]; Oxford GlycoSciences (UK) Ltd., The Forum, 86 Milton Park, Abingdon, Oxon OX14 4RY (GB). **WATERFIELD, Michael, Derek** [GB/GB]; Ludwig Institute for Cancer Research, 91 Riding House Street, London W1P 8BT (GB).

(74) **CHAPMAN, Paul, William** et al. / etc.; Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01N 33/68, C07K 14/52, 16/24, A61P 29/00**

(11) **WO 01/71358** (13) A1

(21) PCT/GB01/01287

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 0007101.9 **23 Mar/mar 2000** GB **(23.03.2000)**

(30) 0106146.4 **13 Mar/mar 2001** GB **(13.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF SCREENING FOR INHIBITORS OF OSTEOPONTIN
• PROCEDE DE RECHERCHE PAR CRIBLAGE D'INHIBITEURS DE L'OSTEOPONTINE

(71) **GLAXO GROUP LIMITED** [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).
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(72, 75) **BARRY, Simon** [GB/GB]; GlaxoSmithKline plc, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). **LUDBROOK, Steven** [GB/GB]; GlaxoSmithKline plc, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). **HORGAN, Carmel** [GB/GB]; GlaxoSmithKline plc, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB).

(74) **WOODS, Geoffrey, Corlett**; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5LX (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01N 33/68**

(11) **WO 01/71359** (13) A2

(21) PCT/US01/08705

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/528,742 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHODS FOR IDENTIFYING AND ISOLATING TISSUE-SPECIFIC LUMEN-EXPOSED MOLECULES
• TECHNIQUES D'IDENTIFICATION ET D'ISOLATION DE MOLECULES SPECIFIQUES DE TISSU PLACEES COTE LUMIERE

(71) **TARGET PROTEIN TECHNOLOGIES, INC.** [US/US]; Suite F, 11526 Sorrento Valley Road, San Diego, CA 92121 (US).

(72) **ROBEN, Paul**; 3150 East Fox Run Way, San Diego, CA 92111 (US). **STEVENS, Anthony, C.**; 8462 Harwell Drive, San Diego, CA 92119 (US).

(74) **REISMAN, Joseph, M.**; Knobbe, Martens, Olson & Bear, LLP, 16th Floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01N 33/68**

(11) **WO 01/71360** (13) A2

(21) PCT/US01/08797

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/190,725 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROSTATE CANCER MARKERS
• MARQUEURS DU CANCER DE LA PROSTATE

(71) **EASTERN VIRGINIA MEDICAL SCHOOL** [US/US]; 700 West Olney Road, Norfolk, VA 23507 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WRIGHT, George, L., Jr.** [US/US]; 829 Moultrie Court, Virginia Beach, VA 23455 (US). **ADAM, Bao-Ling** [US/US]; 769 W. 52nd Street, Norfolk, VA 23508 (US). **CAZARES, Lisa, H.** [US/US]; 1302 Equinox Landing, Chesapeake, VA 23322 (US).

(74) **CHOI, Kathleen, L.** et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01N 33/68**

(11) **WO 01/71361** (13) A2

(21) PCT/US01/09233

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,493 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CONSTITUTIVE ANDROSTANE RECEPTOR
• RECEPTEUR DE L'ANDROSTANE CONSTITUTIVE

(71) **GLAXO GROUP LIMITED** [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 ONN (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COLLINS, Jon, L.** [US/US]; c/o Glaxo Wellcome Inc., Five Moore Drive, P.O. Box 13398, Research Triangle Park, NC 27709 (US). **PARKS, Derek, J.** [US/US]; c/o Glaxo Wellcome Inc., Five Moore Drive, P.O. Box 13398, Research Triangle Park, NC 27709 (US).

(74) **LEVY, David, J.** et al. / etc.; c/o Glaxo Wellcome Inc., Five Moore Drive, P.O. Box 13398, Research Triangle Park, NC 27709 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01P 3/44, G01M 7/02**

(11) **WO 01/71362** (13) A1

(21) PCT/FI01/00271

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) fi (26) en

(30) 20000646 **20 Mar/mar 2000** FI **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOF OF DETERMINING SPEED OF ROTATION OF A MOTOR AND A COMPUTER SOFTWARE PRODUCT TO CARRY OUT THE METHOD
• PROCEDE DE DETERMINATION DE LA VITESSE DE ROTATION D'UN MOTEUR ET LOGICIEL INFORMATIQUE DE MISE EN OEUVRE DU PROCEDE

(71) **ABB RESEARCH LTD** [CH/CH]; Affolternstrasse 44, CH-8050 Zürich (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAARINEN, Kari** [FI/FI]; Kaarnatie 8, FIN-65320 Vaasa (FI). **ORKISZ, Michal** [PL/PL]; ul. Kraszewskiego 22/1, PL-30-110 Krakow (PL).

(74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01P 3/48**

(11) **WO 01/71363** (13) A1

(21) PCT/FI01/00272

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) fi (26) en

(30) 20000647 **20 Mar/mar 2000** FI **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF DETERMINING SPEED OF ROTATION OF SQUIRREL-CAGE MOTOR AND A COMPUTER SOFTWARE PRODUCT TO CARRY OUT THE METHOD
• PROCEDE DE DETERMINATION DE LA VITESSE DE ROTATION D'UN MOTEUR A CAGE D'ECUREUIL ET LOGICIEL D'ORDINATEUR DE MISE EN OEUVRE DU PROCEDE

(71) **ABB RESEARCH LTD** [CH/CH]; Affolternstrasse 44, CH-8050 Zürich (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAARINEN, Kari** [FI/FI]; Kaarnatie 8, FIN-65320 Vaasa (FI). **ORKISZ, Michal** [PL/PL]; ul. Kraszewskiego 22/1, PL-30-110 Krakow (PL).

(74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01P 9/04**

(11) **WO 01/71364** (13) A1

(21) PCT/US01/08720

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/190,271 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF CANCELING QUADRATURE ERROR IN AN ANGULAR RATE SENSOR
• PROCEDE D'ANNULATION DES ERREURS DE QUADRATURE DANS UN DETECTEUR DE VITESSE ANGULAIRE

(71) **MICROSENSORS, INC.** [US/US]; 3001 Redhill Avenue, Building 3, Suite 104, Costa Mesa, CA 92626 (US).

(72) **HSU, Ying, W.**; 6455 Frampton Circle, Huntington Beach, CA 92648 (US).

(74) **ANDRAS, Joseph, C.**; Myers, Dawes & Andras LLP, 19900 MacArthur Boulevard, Suite 1150, Irvine, CA 92612 (US).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G01P 15/135**

(11) **WO 01/71365** (13) A1

(21) PCT/JP00/01682

(22) **17 Mar/mar 2000 (17.03.2000)**

(25) ja (26) ja

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ACCELERATION SENSOR AND OCCUPANT PROTECTOR
• CAPTEUR D'ACCELERATION ET DISPOSITIF DE PROTECTION DES OCCUPANTS

(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) **YAMASHITA, Toshiyuki** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) **TAZAWA, Hiroaki** et al. / etc.; 7F, Daito Building, 7-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) DE JP KR US.

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(51)[7] **G01R**

(11) **WO 01/71366** (13) A2

(21) PCT/US01/08538

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,718 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • POWER SPECTRAL STRAIN ESTIMATORS IN ELASTOGRAPHY
• ESTIMATEURS DE SOUCHE A SPECTRES DE PUISSANCE EN ELASTOGRAPHIE

(71) **THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM** [US/US]; 201 West 7th Street, Austin, TX 78702 (US).

(72) **OPHIR, Jonathan**; 307 Gerschwin, Houston, TX 77079 (US). **KONOFAGOU, Elisa**; 71 Appleton Street #2, Boston, MA 02116 (US).

(74) **REDANO, Richard, T.** et al. / etc.; Duane, Morris & Heckscher LLP, Suite 500, One Greenway Plaza, Houston, TX 77046 (US).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G01R 15/14, 31/08**

(11) **WO 01/71367** (13) A1

(21) PCT/FI01/00277

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) fi (26) en

(30) 20000665 **21 Mar/mar 2000** FI **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MEASUREMENT OF QUANTITIES OF ELECTRIC LINE
• MESURE DE QUANTITE D'ENERGIE ELECTRIQUE TRANSPORTEE PAR UNE LIGNE ELECTRIQUE

(71) **ABB T & D TECHNOLOGY LTD** [CH/CH]; c/o ABB Transmission & Distribution Management LTD, Affolternstrasse 44, CH-8050 Zürich (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAUTIAINEN, Kari** [FI/FI]; Asemakatu 50 F 9, FIN-65100 Vaasa (FI). **KAUHANIEMI, Kimmo** [FI/FI]; Kappelinmäentie 4 A 27, FIN-65370 Vaasa (FI). **VÄHÄMÄKI, Olavi** [FI/FI]; Saiturintie 15, FIN-66400 Laihia (FI).

(74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI

FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01R 29/027, 23/15**

(11) **WO 01/71368** (13) A1

(21) PCT/DE01/01087

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) de (26) de

(30) 00106268.6 **22 Mar/mar 2000** EP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FREQUENCY SENSOR FOR DIGITAL SIGNALS AND METHOD FOR MONITORING THE FREQUENCY OF A DIGITAL SIGNAL
• CAPTEUR DE FREQUENCE POUR SIGNAUX NUMERIQUES ET PROCEDE DE SURVEILLANCE DE LA FREQUENCE D'UN SIGNAL NUMERIQUE

(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) **GUO, Shuwei** [CN/DE]; Bert-Brecht-Allee 9, 81737 München (DE). **NOLLES, Jürgen** [DE/DE]; Zehntfeldstrasse 252, 81825 München (DE). **KNIFFLER, Oliver** [DE/DE]; Weddigenstrasse 1, 81737 München (DE).

(74) **EPPING HERMANN & FISCHER**; Postfach 12 10 26, 80034 München (DE).

(81) BR CA CN IL IN JP KR MX RU UA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **G01R 31/02, H05K 3/00**

(11) **WO 01/71369** (13) A1

(21) PCT/JP01/02335

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-84894 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR INSPECTION
• PROCEDE ET APPAREIL D'INSPECTION

(71) **OHT INC.** [JP/JP]; 1118-1, Aza-Nishichujo, Kannabe-cho, Fukayasu-gun, Hiroshima 720-2103 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUJII, Tatuhisa** [JP/JP]; 1-18-32, Zaoh-cho, Fukuyama-shi, Hiroshima 721-0971 (JP). **ISHIOKA, Shogo** [JP/JP]; 827-3, Oaza-kawaminami, Kannabe-cho, Fukayasu-gun, Hiroshima 720-2124 (JP). **YAMAOKA, Shuji** [JP/JP]; 693-9, Jitoubu, Seto-cho, Fukuyama-si, Hiroshima 720-0837 (JP).

(81) CA CN KR SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G01R 31/26, G11C 8/00, H01L 21/66**

(11) **WO 01/71370** (13) A1

(21) PCT/US01/08153

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 09/531,131 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR DETECTING A TAMPER CONDITION AND ISOLATING A CIRCUIT THEREFROM
• PROCEDE ET APPAREIL PERMETTANT DE DETECTER UNE TENTATIVE DE VIOLATION D'ACCES ET D'ISOLER UN CIRCUIT DE CETTE TENTATIVE

(71) **ADVANCED TECHNOLOGY MATERIALS, INC.** [US/US]; 7 Commerce Drive, Danbury, CT 06810 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BLYTH, Trevor, A.** [—/US]; 8345 Crock Hollow Cove, Sandy, UT 84093 (US).

(74) **ZITZMAN, Oliver, A., M.**; Advanced Technology Materials, Inc., 7 Commerce Drive, Danbury, CT 06810 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01R 31/28, 1/073**

(11) **WO 01/71371** (13) A1

(21) PCT/EP00/08669

(22) **5 Sep/sep 2000 (05.09.2000)**

(25) de (26) de

(30) 200 05 123.7 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TESTING DEVICE FOR PRINTED BOARDS
• DISPOSITIF POUR LE TEST DE CARTES IMPRIMEES

(71) **ATG TEST SYSTEMS GMBH & CO KG** [DE/DE]; Reicholzheim, Zum Schlag 3, 97877 Wertheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PROKOPP, Manfred** [DE/DE]; Am Felder 27, 97877 Wertheim Reicholzheim (DE).

(74) **GANAHL, Bernhard**; Hausen 5b, 85551 Kirchheim Bei München (DE).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **G01S 5/00**

(11) **WO 01/71372** (13) A2

(21) PCT/GB01/01290

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 0007106.8 **23 Mar/mar 2000** GB **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NAVIGATIONAL AID
• AIDE A LA NAVIGATION

(71) **YEOMAN GROUP PLC** [GB/GB]; The Shipyard, Bath Road, Lymington, Hampshire SO41 9YL (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AGNEW, Hugh** [GB/GB]; Yeoman Group plc, The Shipyard, Bath Road, Lymington, Hampshire SO41 9YL (GB). **GEAKE, Vincent** [GB/GB]; Yeoman Group plc, The Shipyard, Bath Road, Lymington, Hampshire SO41 9YL (GB). **WOOLLEY, Roger** [AU/AU]; Yeoman Group plc, The Shipyard, Bath Road, Lymington, Hampshire SO41 9YL (GB). **WALKER, Gregory, George** [GB/GB]; Yeoman Group plc, The Shipyard, Bath Road, Lymington, Hampshire SO41 9YL (GB).

(74) **BERESFORD, Keith, Denis, Lewis** et al. / etc.; Beresford & Co., 2-5 Warwick Court, High Holborn, London WC1R 5DH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01S 5/00, G08G 1/123**

(11) **WO 01/71373** (13) A1

(21) PCT/RU01/00048

(22) **7 Feb/fév 2001 (07.02.2001)**

(25) ru (26) ru

(30) 2000107090 **23 Mar/mar 2000** RU **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM FOR GLOBAL AUTOMATIC CONTROL OF TRANSPORTATION MEANS DURING NORMAL AND EXTREME SITUATIONS
• SYSTEME DE CONTROLE AUTOMATIQUE MONDIAL DE VEHICULES EN CONDITIONS NORMALES OU EXTREMES

(71, 72) **AINBINDER, Iosif Mironovich** [RU/RU]; ul. Bolshaya Kommunisticheskaya, 14-9, Moscow, 109004 (RU).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU

IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO SD SE SG SI SK TJ TM TR TT UA UG US UZ VN.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01S 5/02, 5/18**

(11) **WO 01/71374** (13) A2

(21) PCT/GB01/01204

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0006893.2 **23 Mar/mar 2000** GB **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LOCALISATION OF A SIGNAL EMITTING SOURCE
• LOCALISATION D'UNE SOURCE D'EMISSION DE SIGNAUX

(71) **THE SECRETARY OF STATE FOR DEFENCE** [GB/GB]; Defence Evaluation Research Agency, A4 Building, Ively road, Farnborough, Hampshire GU14 0LX (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SZAJNOWSKI, Wieslaw, Jerzy** [GB/GB]; 3 The Red House, West Street, Guildford, Surrey GU1 2AR (GB).

(74) **BOWDERY, A., O.**; D/IPD, DERA Formalities, A4 Building, Ively Road, Farnborough, Hamphshire GU14 0LX (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01S 5/14**

(11) **WO 01/71375** (13) A2

(21) PCT/US01/08890

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,600 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 60/228,258 **25 Aug/août 2000** US **(25.08.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHODS AND APPARATUSES FOR USING ASSISTANCE DATA RELATING TO SATELLITE POSITION SYSTEMS
• PROCEDES ET APPAREILS POUR L'UTILISATION DE DONNEES RELATIVES A DES SYSTEMES DE POSITIONNEMENT PAR SATELLITE

(71) **Qualcomm Incorporated** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHEYNBLAT, Leonid** [US/US]; 1208 North Road, Belmont, CA 94002 (US).

(74) **GREENHAUS, Bruce**; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01S 7/52, 15/89**

(11) **WO 01/71376** (13) A1

(21) PCT/US01/04864

(22) **15 Feb/fév 2001 (15.02.2001)**

(25) en (26) en

(30) 09/533,445 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ULTRASOUND-B-MODE AND DOPPLER FLOW IMAGING
• IMAGERIE D'ECOULEMENT DOPPLER ET D'INFORMATIONS EN MODE B PAR ULTRASONS

(71) **GE MEDICAL SYSTEMS GLOBAL TECHNOLOGY COMPANY LLC** [US/US]; 3000 North Grandview Boulevard-W-710, Waukesha, WI 53188 (US).

(72) **MO, Larry, Y., L.**; 1707 Saratoga Road, Waukesha, WI 53186 (US). **WASHBURN, Michael, Joseph**; 12920 West Graham Street, New Berlin, WI 53151 (US). **PESHMAN, Stephen, Mark**; 16001 West Mayflower, New Berlin, WI 53151 (US).

(74) **BENINATI, John, F.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G01S 13/00**

(11) **WO 01/71377** (13) A1

(21) PCT/US01/08984

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/191,144 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 09/680,745 **7 Oct/oct 2000** US **(07.10.2000)**

(30) 09/745,329 **20 Dec/déc 2000** US **(20.12.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND SYSTEM FOR IDENTIFICATION OF SUBTERRANEAN OBJECTS
• PROCEDE ET SYSTEME D'IDENTIFICATION D'OBJETS SOUTERRAINS

(71) **HOT/SHOT RADAR INSPECTIONS, LLC** [US/US]; 669 Wadsworth Boulevard, Lakewood, CO 80215 (US).

(72) **MICELI, Gilbert, F.**; 801 East 3rd Avenue, Denver, CO 80218 (US). **PARISI, Michael**; 109 Windsong Drive, Boylestown, PA 18901 (US).

(74) **BOUCHER, Patrick** et al. / etc.; Townsend and Townsend and Crew LLP, Suite 2700, 1200 Seventeenth Street, Denver, CO 80202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **G01S 13/52, H05B 37/02, B60Q 1/02**

(11) **WO 01/71378** (13) A1

(21) PCT/US01/08876

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/531,211 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AUTOMATIC HEADLAMP CONTROL SYSTEM
• SYSTEME AUTOMATIQUE DE COMMANDE DES PHARES

(71) **GENTEX CORPORATION** [US/US]; 600 North Centennial Street, Zeeland, MI 49464 (US).

(72) **STAM, Joseph, S.**; 345 South Lakeshore Drive, Holland, MI 49424 (US).

(74) **CARRIER, Robert, J.** et al. / etc.; Price, Heneveld, Cooper, DeWitt & Litton, 695 Kenmoor, S.E., P.O. Box 2567, Grand Rapids, MI 49501-2567 (US).

(81) AT AU BG BR CA CH CN CZ DE DK ES FI GB GE HU ID IL IN JP KR MX NO NZ PL PT RO RU SE SG SI SK TR UA YU ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **G01S 15/08, 13/86, 13/08**

(11) **WO 01/71379** (13) A1

(21) PCT/DE01/00421

(22) **3 Feb/fév 2001 (03.02.2001)**

(25) de (26) de

(30) 100 14 539.6 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TELEMETER
• TELEMETRE

(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) **LEUTZ, Steffen** [DE/DE]; Weinbergstr. 47, 69256 Mauer (DE). **FLINSPACH, Gunter** [DE/DE]; Lauchheimer Weg 10, 71229 Leonberg (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G01S 15/89, 7/52**

(11) **WO 01/71380** (13) A2

(21) PCT/US01/08799

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/527,868 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD FOR MANAGING INTERMITTENT INTERFERENCE ON IMAGING SYSTEMS
• SYSTEME ET PROCEDE PERMETTANT DE GERER UNE INTERFERENCE INTERMITTENTE SUR DES SYSTEMES D'IMAGERIE

(71) **SENORX, INC.** [US/US]; Suite A, 11 Columbia, Aliso Viejo, CA 92656 (US).

(72) **DABNEY, James, H.**; 24 Lee, Irvine, CA 92620 (US). **QUICK, Richard, L.**; 22970 Bouquet Canyon, Mission Viejo, CA 92692 (US).

(74) **CHOW, Y., Ping** et al. / etc.; Heller Ehrman White & McAuliffe LLP, 275 Middlefield Road, Menlo Park, CA 94025-3506 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01T**

(11) **WO 01/71381** (13) A2

(21) PCT/DE01/01109

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) de (26) de

(30) 100 14 311.3 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • RADIATION CONVERTER
• CONVERTISSEUR DE RAYONNEMENT

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUCHS, Manfred** [DE/DE]; Widhalmstr. 19, 90459 Nürnberg (DE). **HELL, Erich** [DE/DE]; Spardorfer Str. 33, 91054 Erlangen (DE). **KNÜPFER, Wolfgang** [DE/DE]; Atzelsberger Steige 17E, 91054 Erlangen (DE). **MATTERN, Detlef** [DE/DE]; Krähenhorst 14, 91056 Erlangen (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G01T 1/208**

(11) **WO 01/71382** (13) A1

(21) PCT/US01/05387

(22) **20 Feb/fév 2001 (20.02.2001)**

(25) en (26) en

(30) 09/533,714 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PILE-UP REDUCTION IN MULTI-CRYSTAL GAMMA DETECTORS
• REDUCTION D'EMPILEMENT DANS DES DETECTEURS GAMMA A CRISTAUX MULTIPLES

(71) **CTI PET SYSTEMS, INC.** [US/US]; 810 Innovation Drive, Knoxville, TN 37932 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YOUNG, John, W.** [US/US]; 709 Gulfwood Road, Knoxville, TN 37923 (US). **MOYERS, J., Clifton** [US/US]; 117 Clifton Circle, Oak Ridge, TN 37830 (US).

(74) **STEPHENS, Raymond, E.** et al. / etc.; Pitts & Brittian, P.C., P.O. Box 51295, Knoxville, TN 37950-1295 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01T 1/24**

(11) **WO 01/71383** (13) A1

(21) PCT/FR01/00826

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) fr (26) fr

(30) 00/03594 **21 Mar/mar 2000** FR **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • RADIATION DETECTOR WITH SEMICONDUCTOR JUNCTION FOR MEASURING HIGH RATES OF X RADIATION OR γ RADIATION DOSE
• DETECTEUR DE RAYONNEMENT A JONCTION SEMI-CONDUCTRICE POUR LA MESURE DE FORTS DEBITS DE DOSE DE RAYONNEMENT X OU γ

(71) **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31/33, rue de la Fédération, F-75752 Paris 15ème (FR). **COMPAGNIE GENERALE DES MATIERES NUCLEAIRES** [FR/FR]; 2, rue Paul Dautier, F-78140 Velizy-Villacoublay (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHAMBAUD, Pascal** [FR/FR]; 22, rue Saint Honoré, F-91430 Igny (FR). **KAÏS, Mikaël** [FR/FR]; 77, avenue Paul Doumer, F-92500 Rueil Malmaison (FR).

(74) **LEHU, Jean**; Brevatome, 3, rue du Docteur Lancereaux, F-75008 Paris (FR).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G01T 1/28, H05G 1/64**

(11) **WO 01/71384** (13) A1

(21) PCT/SE01/00556

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 0000986-0 **22 Mar/mar 2000** SE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A METHOD AND A DEVICE FOR RADIOGRAPHY AND A RADIATION DETECTOR
• PROCEDE ET DISPOSITIF RADIOGRAPHIQUES ET DETECTEUR DE RADIATIONS

(71) **XCOUNTER AB** [SE/SE]; Svärdvägen 11, S-182 33 Danderyd (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRANCKE, Tom** [SE/SE]; Hemgårdsvägen 2, S-191 44 Sollentuna (SE).

(74) **EHRNER & DELMAR PATENTBYRÅ AB**; Box 103 16, S-100 55 Stockholm (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)[7] **G01V 1/02**

(11) **WO 01/71385** (13) A1

(21) PCT/IB01/00370

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) en (26) en

(30) 0007034.2 **23 Mar/mar 2000** GB **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SEISMIC SOURCE ARRAYS
• RESEAUX DE SOURCES SISMIQUES

(71) **GECO AS** [NO/NO]; Schlumberger House, Solbraveien 23, N-1370 Asker (NO).
(for all designated States except / pour tous les États désignés sauf CA FR US)

(71) **SCHLUMBERGER CANADA LIMITED** [CA/CA]; 24th Floor, Monenco Place, 801 6th Avenue, SW, Calgary, Alberta T2P 3W2 (CA).
(only for / seulement pour CA)

(71) **SERVICES PETROLIERS SCHLUMBERGER** [FR/FR]; 42, rue Saint-Dominique, F-75007 Paris (FR).
(only for / seulement pour FR)

(72, 75) **HOPPERSTAD, Jon-Fredrik** [NO/NO]; Erling Skjalgssonsgt 32A, N-0267 Oslo (NO). **SYNNEVAAG, Johan-Fredrik** [NO/NO]; Sverdrupsgate 5B, N-0559 Oslo (NO). **VERMEER, Peter, Leonard** [NL/NO]; Tverraasen 33, N-1397 Nesoeya (NO).

(74) **STOOLE, Brian, D.**; Geco-Prakla (UK) Limited, Schlumberger House, Buckingham Gate, Gatwick, West Sussex RH6 0NZ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01V 1/40**

(11) **WO 01/71386** (13) A1

(21) PCT/US01/08544

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/191,041 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SOURCE WAVEFORMS FOR ELECTROSEISMIC EXPLORATION
• ONDES SOURCES POUR EXPLORATION ELECTROSISMIQUE

(71) **EXXONMOBIL UPSTREAM RESEARCH COMPANY** [US/US]; P.O Box 2189, Houston, TX 77252-2189 (US).

(72) **HORNBOSTEL, Scott, C.**; 4437 Clay Street, Houston, TX 77023 (US). **THOMPSON, Arthur, H.**; 13506 Apple Tree Road, Houston, TX 77079 (US).

(74) **PLUMMER, J., Paul** et al. / etc.; ExxonMobil Upstream Research Company, P.O. Box 2189, Houston, TX 77252-2189 (US).

(81) AU AZ BR CA CN DE GB ID KZ NO RU TT.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01V 3/10**

(11) **WO 01/71387** (13) A2

(21) PCT/US01/08940

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/191,260 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ELECTROMAGNETIC TARGET DISCRIMINATOR SENSOR SYSTEM AND METHOD FOR DETECTING AND IDENTIFYING METAL TARGETS
• SYSTEME DE CAPTEUR DISCRIMINATEUR DE CIBLE ELECTROMAGNETIQUE ET PROCEDE DE DETECTION ET D'IDENTIFICATION DE CIBLES METALLIQUES

(71) **THE JOHNS HOPKINS UNIVERSITY** [US/US]; Applied Physics Laboratory, 11100 Johns Hopkins Road, Laurel, MD 20723-6099 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NELSON, Carl, V.** [US/US]; 5605 Griffith Farm Road, Rockville, MD 20855 (US). **SMITH, Dexter, G.** [US/US]; 6469 River Run, Columbia, MD 21044 (US). **COOPERMAN, Charles, B.** [US/US]; 13050 Deanmar Drive, Highland, MD 20777 (US).

(74) **COOCH, Francis, A.** et al. / etc.; The Johns Hopkins University, Applied Physics Laboratory, 11100 Johns Hopkins Road, Laurel, MD 20723-6099 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G01V 3/11**

(11) **WO 01/71388** (13) A1

(21) PCT/US01/09309

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/533,516 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FLUX ORIENTATION LOCATING IN A DRILLING SYSTEM
• LOCALISATION D'ORIENTATION DE FLUX DANS UN SYSTEME DE FORAGE

(71) **DIGITAL CONTROL, INC.** [US/US]; 425 S.W. 41st Street, Renton, WA 98055 (US).

(72) **MERCER, John, E.**; P.O. Box 892, Kent, WA 98035 (US).

(74) **MEIKLEJOHN, Paul, T.** et al. / etc.; Dorsey & Whitney LLP, 1420 Fifth Avenue, Suite 3400, Seattle, WA 98101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G02B**

(11) **WO 01/71389** (13) A2

(21) PCT/DE01/01058

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) de (26) de

(30) 100 14 549.3 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEVICE FOR AUTOMATICALLY SWITCHING LIGHTING INSTALLATIONS OF MOTOR VEHICLES
• DISPOSITIF DE COMMUTATION AUTOMATIQUE DE DISPOSITIFS D'ECLAIRAGE DE VEHICULES

(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) **SCHMITT, Patrick** [DE/DE]; Ringstrasse 19, 77839 Lichtenau (DE). **HOG, Norbert** [DE/DE]; Im Wasserbett 12, 77815 Buehl (DE). **HODAPP, Bruno** [DE/DE]; Katzenfeld 7, 77855 Achern-Oensbach (DE). **PIENTKA, Rainer** [DE/DE]; Krokusweg 12, 77871 Renchen (DE). **MEIER, Hans** [DE/DE]; Mooslandstrasse 49, 77833 Ottersweier (DE). **BLITZKE, Henry** [DE/DE]; Forlenstrasse 3, 77815 Buehl (DE). **BURKART, Manfred** [DE/DE]; Benazetstrasse 6, 76473 Iffezheim (DE).

(81) BR CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G02B**

(11) **WO 01/71390** (13) A2

(21) PCT/US01/07148

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) en (26) en

(30) 00400815.7 **23 Mar/mar 2000** EP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR SPLICING OPTICAL FIBERS

• APPAREIL ET SON PROCEDE POUR L'EPISSAGE DE FIBRES OPTIQUES

(71) **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).

(72) **DAHMANI, Brahim**; 5 bis, rue Gabriel Peri, F-92120 Montrouge (FR). **RAMEL, Romain**; 26, rue de Fleury, F-77300 Fontainebleau (FR). **PARIS, Bertrand**; 25 bis, rue des Yebles, F-77210 Avon (FR).

(74) **SMITH, Eric, M.**; Corning Incorporated, SP TI 3 1, Corning, NY 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G02B**

(11) **WO 01/71391** (13) A2

(21) PCT/US01/08190

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 60/192,056 **24 Mar/mar 2000** US **(24.03.2000)**

(30) 60/196,437 **12 Apr/avr 2000** US **(12.04.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DISPERSION COMPENSATING OPTICAL FIBER

• FIBRE OPTIQUE COMPENSANT LA DISPERSION

(71) **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).

(72) **LEI, Jiang**; 443 Vereda Luna Llena, San Diego, CA 92130 (US). **QI, Gang**; 13 Timberlane, Painted Post, NY 14870 (US). **SRIKANT, V.**; 4C2 Candlewyck Apartments, Ithaca, NY 14850 (US). **STONE, Jeffery, S.**; 48 Maple Street, Addison, NY 14901 (US). **TEN, Sergey, Y.**; 34 Barrington Road, Horseheads, NY 14845 (US).

(74) **WAYLAND, Randall, S.**; Corning Incorporated, SP TI 3 1, Corning, NY 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G02B 1/04, C08F 8/00, 290/04**

(11) **WO 01/71392** (13) A1

(21) PCT/EP01/03266

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 00106395.7 **24 Mar/mar 2000** EP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NOVEL POLYMERS

• NOUVEAUX POLYMERES

(71) **NOVARTIS AG** [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).
(for all designated States except / pour tous les États désignés sauf AT US)

(71) **NOVARTIS-ERFINDUNGEN VERWALTUNGSGESELLSCHAFT M.B.H.** [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).
(only for / seulement pour AT)

(72, 75) **MÜLLER, Beat** [CH/CH]; Chemin des Cossettes 5, CH-1723 Marly (CH). **LAURENT, Alain** [FR/CH]; Chemin, CH-1470 Estavayer-le-Lac (CH). **COESSENS, Veerle** [BE/CH]; Murbacherstrasse 49, CH-4056 Basel (CH). **MOLENBERG, Aaldert, Rens** [NL/CH]; Therwilerstrasse 20, CH-4054 Basel (CH).

(74) **BECKER, Konrad**; Novartis AG, Corporate Intellectual Property, Patent & Trademark Department, CH-4002 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G02B 1/10, C09D 5/20**

(11) **WO 01/71393** (13) A1

(21) PCT/AU01/00327

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) PQ 6419 **23 Mar/mar 2000** AU **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • REMOVABLE COATING FOR OPTICAL SUBSTRATES

• ENDUIT POUR SUBSTRATS OPTIQUES POUVANT ÊTRE RETIRÉ

(71) **SOLA INTERNATIONAL HOLDINGS LTD** [AU/AU]; Sherriffs Road, Lonsdale, South Australia 5160 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHEN, Fang** [AU/AU]; 20 Nalimba Street, Hallet Cove, South Australia 5158 (AU). **RAM, Arambally, Natiala, Sunder** [—/US]; 22 Dupree Court, Petaluma, CA 94954 (US).

(74) **PHILLIPS ORMONDE & FITZPATRICK**; 367 Collins Street, Melbourne, Victoria 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G02B 1/10, G09F 9/00, B60J 1/00**

(11) **WO 01/71394** (13) A1

(21) PCT/JP01/02234

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-78351 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ANTIREFLECTION PRODUCT AND PRODUCTION METHOD THEREFOR

• ARTICLE ANTIREFLET ET PROCÉDÉ DE PRODUCTION

(71) **ASAHI GLASS COMPANY, LIMITED** [JP/JP]; 12-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo 100-8405 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KONDOH, Shinji** [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP). **OYAMA, Takuji** [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP). **YONEDA, Takashige** [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP).

(74) **SENMYO, Kenji** et al. / etc.; Torimoto Kogyo Building, 38, Kanda-Higashimatsushita-cho, Chiyoda-ku, Tokyo 101-0042 (JP).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G02B 5/02, G02F 1/1335, C08J 5/18**

(11) **WO 01/71395** (13) A1

(21) PCT/JP01/02203

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-82423 **23 Mar/mar 2000** JP **(23.03.2000)**

(30) 2000-387824 **20 Dec/déc 2000** JP **(20.12.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TRANSMISSION LIGHT-SCATTERING LAYER SHEET AND LIQUID CRYSTAL DISPLAY

• FEUILLE A COUCHE DE DIFFUSION DE LUMIERE ET AFFICHEUR A CRISTAUX LIQUIDES

(71) **DAICEL CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 1, Teppo-cho, Sakai-shi, Osaka 590-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAKAHASHI, Hiroshi** [JP/JP]; 500-438, Kamiyobe, Yobe-ku, Himeji-shi, Hyogo 671-1262 (JP). **NISHIDA, Yoshiyuki** [JP/JP]; 12-1-307, Ka 1-chome, Nagareyama-shi, Chiba 270-0176 (JP). **OMURA, Masaya** [JP/JP]; 940, Shinzaike,

Aboshi-ku, Himeji-shi, Hyogo 671-1234 (JP). **NAKATSUKA, Shuji** [JP/JP]; 79-11-306, Yokohama, Aboshi-ku, Himeji-shi, Hyogo 671 1254 (JP).

(74) **KUWATA, Mitsuo**; Fuyo Building, 10th Floor, 3-19, Nishitemma 6-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).

(81) CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G02B 5/04, F21V 8/00**

(11) **WO 01/71396** (13) A1

(21) PCT/US00/20220

(22) **25 Jul/juil 2000 (25.07.2000)**

(25) en (26) en

(30) 09/526,609 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LIGHT GUIDE WITH PROTECTIVE OUTER SLEEVE
• GUIDE DE LUMIERE POURVU D'UN MANCHON PROTECTEUR

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **HOFFMAN, Joseph A.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **PATCHETT, David B.** et al. / etc.; Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G02B 5/12**

(11) **WO 01/71397** (13) A1

(21) PCT/US00/07538

(22) **21 Mar/mar 2000 (21.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MULTI-USER RETRO REFLECTOR DATA INPUT
• ENTREE DE DONNEES PAR RETRO-REFLECTEUR PAR PLUSIEURS UTILISATEURS

(71, 72) **REIFFEL, Leonard** [US/US]; 602 Deming Place, Chicago, IL 60605 (US).

(74) **MOYER, Donald**; 431 S Dearborn 705, Chicago, IL 60605 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G02B 5/18, G01L 11/02**

(11) **WO 01/71398** (13) A1

(21) PCT/AU01/00330

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) PQ 6415 **23 Mar/mar 2000** AU **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR ESTIMATING CHROMATIC DISPERSION IN FIBRE BRAGG GRATINGS
• PROCEDE ET APPAREIL PERMETTANT D'EVALUER LA DISPERSION CHROMATIQUE DANS DES RESEAUX DE BRAGG EN FIBRES OPTIQUES

(71) **DEFENCE SCIENCE AND TECHNOLOGY ORGANISATION** [AU/AU]; Department of Defence, Salisbury, South Australia 5108 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ENGLUND, Mark, Andrew** [AU/AU]; 19 Langer Court, Fairview Park, South Australia 5126 (AU). **MÄGI, Eric, Carl** [AU/AU]; 3/33 Reynolds Street, Cremorne, New South Wales 2090 (AU).

(74) **GRIFFITH HACK**; 509 St Kilda Road, Melbourne, Victoria 3004 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G02B 6/00**

(11) **WO 01/71399** (13) A2

(21) PCT/CH01/00161

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) de (26) de

(30) 559/00 **23 Mar/mar 2000** CH **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND DEVICE FOR POSITIONING AN OPTICAL WAVEGUIDE IN A FERRULE
• PROCEDE ET DISPOSITIF DE POSITIONNEMENT D'UN GUIDE D'ONDES OPTIQUES DANS UNE FERRULE

(71, 72) **BÜHLER, Leo** [CH/CH]; Meierhofrain 14, CH-8820 Wädenswil (CH).

(74) **PATENTANWALTSBÜRO FELDMANN AG**; Kanalstrasse 17, CH-8152 Glattbrugg (CH).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G02B 6/12, 26/02, G02F 1/313, G02B 6/35**

(11) **WO 01/71400** (13) A1

(21) PCT/US01/02974

(22) **30 Jan/jan 2001 (30.01.2001)**

(25) en (26) en

(30) 00400816.5 **23 Mar/mar 2000** EP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • OPTICAL WAVEGUIDE WITH ENSCAPSULATED LIQUID UPPER CLADDING
• GUIDE D'ONDE OPTIQUE AVEC GAINE SUPERIEURE LIQUIDE ENCAPSULEE

(71) **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).

(72) **BEGUIN, Alain, Marcel, Jean**; 3, allée Jean Bouin, F-77870 Vulaines sur Seine (FR). **RENVAZE, Christophe, Francois**; 3 Rue Charles Meunier, F-77210 Avon (FR).

(74) **AGON, Juliana**; Corning Incorporated, SP TI 3 1, Corning, NY 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G02B 6/26**

(11) **WO 01/71401** (13) A1

(21) PCT/US01/40353

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,141 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NON-SPHERICAL WHISPERING-GALLERY-MODE MICROACTIVITY
• MICROACTIVITE D'UN RESONATEUR NON SPHERIQUE EN MODE ECHO

(63) US 60/191,141 (CON) 22 Mar/mar 2000 (22.03.2000)

(71) **CALIFORNIA INSTITUTE OF TECHNOLOGY** [US/US]; 1200 East California Boulevard, Mail Code 201-85, Pasadena, CA 91125 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MALEKI, Lutfollah** [—/US]; California Institute of Technology, Jet Propulsion Laboratory, 4800 Oak Grove Drive, Mail Code 298, Pasadena, CA 91109 (US). **YAO, Xiaotian, S.** [US/US]; California Institute of Technology, Jet Propulsion Laboratory, 4800 Oak Grove Drive, Mail Code 298, Pasadena, CA 91109 (US). **ILCHENKO, Vladimir** [—/US]; California Institute of Technology, Jet Propulsion Laboratory, 4800 Oak Grove Drive, Mail Code 298, Pasadena, CA 91109 (US).

(74) **HARRIS, Scott, C.**; Fish & Richardson P.C., Suite 500, 4350 La Jolla Village Drive, San Diego, CA 92122 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G02B 6/26**

(11) **WO 01/71402** (13) A1

(21) PCT/US01/08750

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,409 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 60/233,575 **19 Sep/sep 2000** US **(19.09.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • VARIABLE ATTENUATION OF FREE-SPACE LIGHT BEAMS
• ATTENUATION VARIABLE DE FAISCEAUX LUMINEUX DANS UN ESPACE LIBRE

(71) **XROS, INC.** [US/US]; 2305 Mission College Boulevard, Santa Clara, CA 95054 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NEUKERMANS, Armand, P.** [US/US]; 3 Franciscan Ridge, Portola Valley, CA 94028 (US). **RAMASWAMI, Rajiv** [IN/US]; 758 Carlisle Way, Sunnyvale, CA 94087 (US). **HEANUE, John, F.** [US/US]; 5468 Felter Road, San Jose, CA 95132 (US). **TREMAINE, Brian, P.** [US/US]; 3633 Westview Drive, San Jose, CA 95148 (US). **SCHUMAN, Marc** [US/US]; 1550 9th Avenue, No. 2, San Francisco, CA 94122 (US).

(74) **SCHREIBER, Donald, E.**; P.O. Box 64150, Sunnyvale, CA 94088-4150 (US).

(81) CA JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G02B 6/32**

(11) **WO 01/71403** (13) A1

(21) PCT/US01/08737

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/190,200 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • OPTICAL WAVEGUIDE LENS AND METHOD OF FABRICATION
• LENTILLE POUR GUIDE D'ONDES OPTIQUE ET SON PROCEDE DE FABRICATION

(71) **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).

(72) **BHAGAVATULA, Venkata, A.**; 29 Orchard Drive, Big Flats, NY 14814 (US). **HIMMELREICH, John**; 162 East Vargas Road, Horseheads, NY 14845 (US). **UKRAINCZYK, Ljerka**; 108 Weston Lane, Painted Post, NY 14870 (US). **WILLIAMS, Gregory, E.**; 51 West 5th Street, Corning, NY 14830 (US).

(74) **REDMAN, Mary, Y.**; Corning Incorporated, SP TI 3 1, Corning, NY 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **G02B 7/02, G03B 17/02**

(11) **WO 01/71404** (13) A1

(21) PCT/JP01/01957

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) ja (26) ja

(30) 2000-76425 **17 Mar/mar 2000** JP **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • OPTICAL DEVICE
• DISPOSITIF OPTIQUE

(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) **ONO, Ichiro** [JP/JP]; C/O NIKON CORPORATION, Intellectual Property Department, 2-3, Marunouchi 3-Chome, Chiyoda-Ku, Tokyo 100-8331 (JP). **MATSUBARA, Takashi** [JP/JP]; C/O NIKON CORPORATION, Intellectual Property Department, 2-3, Marunouchi 3-Chome, Chiyoda-Ku, Tokyo 100-8331 (JP).

(74) **FURUYA, Fumio**; Dai2 Meiho Bldg., 9th Floor, 19-5, Nishishinjuku 1-Chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G02B 17/06**

(11) **WO 01/71405** (13) A2

(21) PCT/US01/07796

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 09/532,950 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COUPLING OF LIGHT FROM A SMALL LIGHT SOURCE FOR PROJECTION SYSTEMS USING PARABOLIC REFLECTORS
• COUPLAGE DE LA LUMIERE EMISE PAR UNE PETITE SOURCE LUMINEUSE POUR SYSTEMES DE PROJECTION UTILISANT DES REFLECTEURS PARABOLIQUES

(71) **COGENT LIGHT TECHNOLOGIES, INC.** [US/US]; 26145 Technology Drive, Santa Clarita, CA 91355-1137 (US).

(72) **LI, Kenneth, K.**; 217 Laurel Avenue, Arcadia, CA 91006 (US).

(74) **REPPER, George, R.** et al. / etc.; Rothwell, Figg, Ernst & Manbeck, P.C., Suite 701-E, 555 13th Street, N.W., Washington, DC 20004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G02B 21/00, 21/08, 21/10, 21/12, 21/18, 21/24**

(11) **WO 01/71406** (13) A1

(21) PCT/JP01/02370

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-83408 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MICROSCOPE UNIT
• MICROSCOPE

(71) **OLYMPUS OPTICAL CO., LTD.** [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) **MURAKAMI, Katsuji** [JP/JP]; 451, Olympus-Tatsunoryo, 8686, Oazainatomi, Tatsunomachi, Kamiina-gun, Nagano 399-0428 (JP). **KANZAKI, Kazuhiro** [JP/JP]; 2C, Olympus-Shataku, 5139-1, Oazaina, Ina-shi, Nagano 396-0021 (JP). **ONO, Junichi** [JP/JP]; 107, NP-Light-Court, 5755-1, Ina, Ina-shi, Nagano 396-0021 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G02B 23/00, 27/14**

(11) **WO 01/71407** (13) A1

(21) PCT/US01/08873

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/528,585 **20 Mar/mar 2000 (20.03.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HAND-HELD STEREOSCOPIC IMAGING SYSTEM WITH WIRELESS COMMUNICATION CAPABILITY
• SYSTEME D'IMAGERIE STEREOSCOPIQUE PORTATIF POUVANT COMMUNIQUER SANS FIL

(71) **STEREOVISION IMAGING, INC.** [US/US]; Suite 113, 746 West Adams Boulevard, Los Angeles, CA 90089-7727 (US).

(72) **STEINTHAL, Michael**; 944 Marion Street, Denver, CO 80218 (US).

(74) **WEILD, David, III** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G02B 26/00**

(11) **WO 01/71408** (13) A2

(21) PCT/US01/02973

(22) **30 Jan/jan 2001 (30.01.2001)**

(25) en (26) en

(30) 09/533,316 **22 Mar/mar 2000 (22.03.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • OPTICAL COMPONENT PROTECTIVE COATING
• REVETEMENT PROTECTEUR DE COMPOSANT OPTIQUE

(71) **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).

(72) **BOOKBINDER, Dana C.**; 2261 Davis Rd., Corning, NY 14830 (US). **FABIAN, Michelle D.**; 619 Hart Street, Elmira, NY 14905 (US).

(74) **AGON, Juliana**; Corning Incorporated, SP TI 3 1, Corning, NY 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G02B 26/00**

(11) **WO 01/71409** (13) A2

(21) PCT/US01/09456

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,856 **24 Mar/mar 2000 (24.03.2000)** US

(30) 60/192,097 **24 Mar/mar 2000 (24.03.2000)** US

(30) 60/191,987 **24 Mar/mar 2000 (24.03.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • APPARATUS AND METHOD FOR TWO-DIMENSIONAL STEERED-BEAM NXM OPTICAL SWITCH USING SINGLE-AXIS MIRROR ARRAYS AND RELAY OPTICS
• APPAREIL ET PROCEDE DESTINES A UN COMMUTATEUR OPTIQUE A N X M FAISCEAUX POINTES A DEUX DIMENSIONS COMPRENANT DES RESEAUX DE MIROIRS MONOAXE ET UNE OPTIQUE RELAIS

(71) **ONIX MICROSYSTEMS, INC.** [US/US]; 4138 Lakeside Drive, Richmond, CA 94806 (US).

(72) **DANEMAN, Michael, J.**; 443 Gateway Drive, Pacifica, CA 94044 (US). **BEHIN, Behrang**; Apartment 23, 2427 Hilgard Avenue, Berkeley, CA 94709 (US). **PANNU, Satinderpall, S.**; Apartment 1, 1622 Berkeley Way, Berkeley, CA 94707 (US).

(74) **RITCHIE, David, B.** et al. / etc.; Thelen Reid & Priest LLP, P.O. Box 640640, San Jose, CA 95164-0640 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G02B 27/00**

(11) **WO 01/71410** (13) A2

(21) PCT/US01/08422

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,449 **17 Mar/mar 2000 (17.03.2000)** US

(30) 60/255,337 **13 Dec/déc 2000 (13.12.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HIGH ACUITY LENS SYSTEM
• SYSTEME DE LENTILLES POUR ACUITE ELEVEE

(71) **ZOGRAPH, LLC** [US/US]; 182 Main Street, Northhampton, MA 01060 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DANIELL, Stephen** [US/US]; 33 Aldrich Street, Northhampton, MA 01060 (US).

(74) **LANDO, Peter, C.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G02B 27/00**

(11) **WO 01/71411** (13) A2

(21) PCT/US01/09276

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,738 **20 Mar/mar 2000 (20.03.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • APPLICATION OF WAVEFRONT SENSOR TO LENSES CAPABLE OF POST-FABRICATION POWER MODIFICATION
• APPLICATION DE CAPTEURS DE FRONT D'ONDES SUR DES LENTILLES POUVANT ETRE MODIFIEES APRES FABRICATION

(71) **CALIFORNIA INSTITUTE OF TECHNOLOGY** [US/US]; 1200 East California Boulevard, Mail Stop 201-85, Pasadena, CA 91125 (US).

(72) **SANDSTEDT, Christian, A.**; 680 S. Marengo Avenue, #10, Pasadena, CA 91106 (US). **JETHMALANI, Jagdish, M.**; 85 N. Madison Avenue, #48, Pasadena, CA 91101 (US). **GRUBBS, Robert, H.**; 1700 Spruce Street, South Pasadena, CA 91030 (US). **KORNFIELD, Julia, A.**; 371 S. Berkeley Avenue, Pasadena, CA 91107 (US). **SCHWARTZ, Daniel, M.**; 42 Calhoun Terrace, San Francisco, CA 94133 (US). **MALONEY, Robert**; 640 Chautauqua, Pacific Palisades, CA 90272 (US).

(74) **PECK, John, W.**; Christie, Parker & Hale, LLP, P.O. Box 7068, Pasadena, CA 91109-7068 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G02B 27/44**

(11) **WO 01/71412** (13) A1

(21) PCT/GB01/01222

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 0006725.6 **20 Mar/mar 2000** GB **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • OPTICAL INSTRUMENT AND OPTICAL ELEMENT PROVIDING EXPANDED EXIT PUPIL
• INSTRUMENT OPTIQUE ET ELEMENT OPTIQUE PERMETTANT D'OBTENIR UNE PUPILLE DE SORTIE ELARGIE

(71) **VISION ENGINEERING** [GB/GB]; Send Road, Send, Woking, Surrey GU23 7ER (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MERCER, Graham** [GB/GB]; 27 Oakfield, Woking, Surrey GU21 3QU (GB).

(74) **HUTCHINS, Michael, Richard** et al. / etc.; Hughes Clark, 114/118 Southampton Row, London WC1B 5AA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G02C**

(11) **WO 01/71413** (13) A2

(21) PCT/US01/40335

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/532,427 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • EXCHANGEABLE EYEGLASS TEMPLE PIECES UTILIZING QUICK-CONNECT ATTACHMENT
• PIECES DE BRANCHE DE LUNETTES ECHANGEABLES UTILISANT UNE FIXATION A CONNEXION RAPIDE

(71) **QR SPEX, INC.** [US/US]; 2448 S. St. Louis, Tulsa, OK 74114 (US).

(72) **SWAB, Gregg, T.**; 2448 S. St. Louis, Tulsa, OK 74114 (US).

(74) **BROWN, Dennis, D.**; Fellers, Snider, Blankenship, Bailey & Tippens, P.C., Suite 800, 321 S. Boston, Tulsa, OK 74103-3318 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G02C 1/06**

(11) **WO 01/71414** (13) A1

(21) PCT/EP01/02712

(22) **10 Mar/mar 2001 (10.03.2001)**

(25) de (26) de

(30) 100 13 651.3 **18 Mar/mar 2000** DE **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SPECTACLE GLASS
• VERRE DE LUNETTES

(71) **WERNICKE & CO. GMBH** [DE/DE]; Jägerstrasse 58, 40231 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KÖTTING, Fritz** [DE/DE]; Jahnstr. 5, 41541 Dörmagen (DE). **LUDERICH, Joerg** [DE/DE]; Hamannstr. 63, 40822 Ratingen (DE).

(74) **REHDERS, Jochen**; Velten Franz Jakoby, Kaistrasse 20, 40221 Düsseldorf (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **G02C 7/04, A61L 27/14, A61F 2/16, C08J 5/00, C08L 290/06, C08F 2/48 // C08L 55:00**

(11) **WO 01/71415** (13) A1

(21) PCT/JP01/02221

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-79862 **22 Mar/mar 2000** JP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MATERIAL FOR OCULAR LENS
• MATIERE POUR LENTILLE OCULAIRE

(71) **MENICON CO., LTD.** [JP/JP]; 21-19, Aoi 3-chome, Naka-ku, Nagoya-shi, Aichi 460-0006 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BABA, Masaki** [JP/JP]; c/o MENICON CO., LTD., Central research laboratories, 1-10, Takamoridai 5-chome, Kasugai-shi, Aichi 487-0032 (JP). **WATANABE, Tsuyoshi** [JP/JP]; c/o MENICON CO., LTD., Central research laboratories, 1-10, Takamoridai 5-chome, Kasugai-shi, Aichi 487-0032 (JP). **NAKADA, Kazuhiko** [JP/JP]; c/o MENICON CO., LTD., Central research laboratories, 1-10, Takamoridai 5-chome, Kasugai-shi, Aichi 487-0032 (JP).

(74) **ASAHINA, Sohta** et al. / etc.; NS Building, 2-22, Tanimachi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0012 (JP).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G02F 1/03, 3/00**

(11) **WO 01/71416** (13) A1

(21) PCT/US01/08541

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,707 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 60/241,387 **16 Mar/mar 2001** US **(16.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • OPTICAL LOGIC GATES WITH AN OPTICAL CORRECTION
• PORTES LOGIQUES OPTIQUES DOTEES D'UNE CORRECTION OPTIQUE

(63) US 60/190,707 (CON) 17 Mar/mar 2000 (17.03.2000)

(71) **CALIFORNIA INSTITUTE OF TECHNOLOGY** [US/US]; 1200 East California Boulevard, Mail Code 201-85, Pasadena, CA 91125 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HEDEKVIST, Per, Olof** [US/US]; California Institute of Technology, 1200 East California Boulevard, Mail Code 201-85, Pasadena, CA 91125 (US). **BHARDWAJ, Ashish** [/US]; California Institute of Technology, 1200 East California Boulevard, Mail Code 128-95, Pasadena, CA 91125 (US).

VAHALA, Kerry, J. [/US]; California Institute of Technology, 1200 East California Boulevard, Mail Code 128-95, Pasadena, CA 91125 (US).

(74) **HARRIS, Scott, C.**; Fish & Richardson P.C., Suite 500, 4350 La Jolla Village Drive, San Diego, CA 92122 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G02F 1/1368, 1/1343**

(11) **WO 01/71417** (13) A1

(21) PCT/JP00/01712

(22) **21 Mar/mar 2000 (21.03.2000)**

(25) ja (26) ja

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LIQUID CRYSTAL DISPLAY
• AFFICHAGE A CRISTAUX LIQUIDES

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ABE, Makoto** [JP/JP]; Hitachi Research Laboratory, Hitachi, Ltd., 1-1, Omikacho 7-chome, Hitachi-shi, Ibaraki 319-1292 (JP). **NISHIMURA, Etsuko** [JP/JP]; Hitachi Research Laboratory, Hitachi, Ltd., 1-1, Omikacho 7-chome, Hitachi-shi, Ibaraki 319-1292 (JP). **ONO, Kikuo** [JP/JP]; Displays, Hitachi, Ltd., 3300, Hayano, Mobara-shi, Chiba 297-0037 (JP). **NAKAYOSHI, Yoshiaki** [JP/JP]; Displays, Hitachi, Ltd., 3300, Hayano, Mobara-shi, Chiba 297-0037 (JP). **WAKAGI, Masatoshi** [JP/JP]; Hitachi Research Laboratory, Hitachi, Ltd., 1-1, Omikacho 7-chome, Hitachi-shi, Ibaraki 319-1292 (JP).

(74) **SAKUTA, Yasuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220 (JP).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **G03B**

(11) **WO 01/71418** (13) A2

(21) PCT/IB01/00429

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 2000-77959 **21 Mar/mar 2000 (21.03.2000)** JP

(30) 2000-215513 **17 Jul/juil 2000 (17.07.2000)** JP

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AUTOMATIC PHOTO-SEAL DISPENSER
• DISTRIBUTEUR AUTOMATIQUE D'EPREUVES PHOTOGRAPHIQUES

(71) **OMRON CORPORATION** [JP/JP]; 801, Minamifudoudou-cho, Horikawahigashiiru, Shiokouji-doori, Shimogyo-ku, Kyoto-shi, Kyoto-fu 600-8530 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **INAGE, Katsuyuki** [JP/JP]; c/o Omron Corporation, 801, Minamifudoudou-cho, Horikawahigashiiru, Shiokouji-doori, Shimogyo-ku, Kyoto-shi, Kyoto-fu 600-8530 (JP). **TAMURA, Hyoe** [JP/JP]; c/o Omron Corporation, 801, Minamifudoudou-cho, Horikawahigashiiru, Shiokouji-doori, Shimogyo-ku, Kyoto-shi, Kyoto-fu 600-8530 (JP). **NISHIDAI, Hajime** [JP/JP]; c/o Omron Corporation, 801, Minamifudoudou-cho, Horikawahigashiiru, Shiokouji-doori, Shimogyo-ku, Kyoto-shi, Kyoto-fu 600-8530 (JP). **IMAI, Koki** [JP/JP]; c/o Omron Corporation, 801, Minamifudoudou-cho, Horikawahigashiiru, Shiokouji-doori, Shimogyo-ku, Kyoto-shi, Kyoto-fu 600-8530 (JP). **MAEDA, Tadasu** [JP/JP]; c/o Omron Corporation, 801, Minamifudoudou-cho, Horikawahigashiiru, Shiokouji-doori, Shimogyo-ku, Kyoto-shi, Kyoto-fu 600-8530 (JP). **SIKI, Naoto** [JP/JP]; c/o Omron Corporation, 801, Minamifudoudou-cho, Horikawahigashiiru, Shiokouji-doori, Shimogyo-ku, Kyoto-shi, Kyoto-fu 600-8530 (JP). **KITOU, Kanemasa** [JP/JP]; c/o Omron Corporation, 801, Minamifudoudou-cho, Horikawahigashiiru, Shiokouji-doori, Shimogyo-ku, Kyoto-shi, Kyoto-fu 600-8530 (JP). **SAWADA, Yutaka** [JP/JP]; c/o Omron Corporation, 801, Minamifudoudou-cho, Horikawahigashiiru, Shiokouji-doori, Shimogyo-ku, Kyoto-shi, Kyoto-fu 600-8530 (JP). **NIIMI, Kentaro** [JP/JP]; c/o Omron Corporation, 801, Minamifudoudou-cho, Horikawahigashiiru, Shiokouji-doori, Shimogyo-ku, Kyoto-shi, Kyoto-fu 600-8530 (JP).

(74) **HANADA, Hisamaru**; Nagaya, Takahashi & Hanada International Patent Co., Ambassador Bldg., Suite 1003, 3-16-13 Roppongi Minato-ku, Tokyo 106 (JP).

(81) CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G03B**

(11) **WO 01/71419** (13) A2

(21) PCT/US01/09058

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/190,796 **21 Mar/mar 2000 (21.03.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LARGE DEPTH OF FIELD LINE SCAN CAMERA
• CAMERA A BALAYAGE LINEAIRE A PROFONDEUR DE CHAMP ETENDUE

(71) **ACCU-SORT SYSTEMS, INC.** [US/US]; 511 School House Road, Telford, PA 18969-1196 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HECHT, Kurt** [US/US]; 1474 Old York Road, Hartsville, PA 18974 (US).

(74) **VOLPE, Anthony, S.** et al. / etc.; Volpe and Koenig, P.C., Suite 400, One Penn Center, 1617 John F. Kennedy Boulevard, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G03B 13/36, G01C 3/08**

(11) **WO 01/71420** (13) A1

(21) PCT/FR01/00878

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) fr (26) fr

(30) 00/03672 **22 Mar/mar 2000 (22.03.2000)** FR

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SIGHTING DEVICE WITH FOUR FIXED REFLECTING SURFACES
• DISPOSITIF DE VISEE A QUATRE SURFACES REFLECHISSANTES FIXES

(71) **EGG SOLUTION** [FR/FR]; 57-59, rue des Moines, F-75017 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GIANCHANDANI, Sajan** [IN/FR]; 42, avenue du Président Kennedy, F-75016 Paris (FR). **LEROY, Alexandre** [FR/FR]; 44, rue des Aulnaies, F-95110 Sannois (FR).

(74) **BREESE-MAJEROWICZ**; 3, avenue de l'Opéra, F-75001 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G03B 15/00**

(11) **WO 01/71421** (13) A1

(21) PCT/SG00/00040

(22) **23 Mar/mar 2000 (23.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • RED-EYE CORRECTION BY IMAGE PROCESSING

- CORRECTION ANTI-YEUX ROUGES PAR TRAITEMENT DE L'IMAGE

(71) **KENT RIDGE DIGITAL LABS** [SG/SG]; 21 Heng Mui Keng Terrace, Singapore 119613 (SG).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARIANI, Roberto** [FR/SG]; 2A Rainbow Mansion, One Tree Hill, Singapore 248670 (SG). **WU, Jian, Kang** [CN/SG]; Block 51 #06-565, Teban Gardens Road, Singapore 600051 (SG). **LEE, James** [US/SG]; Block 7, #15-504, Pandan Valley, 597631 Singapore (SG).

(74) **HELEN YEO & PARTNERS**; UOB Plaza 1 #33-00, 80 Raffles Place, Singapore 048624 (SG).

(81) JP SG US.

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(51)[7] **G03B 27/42, 27/54, 27/72, H02K 41/00**

(11) **WO 01/71422** (13) A1

(21) PCT/US01/08973

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/534,127 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- SCANNING FRAMING BLADE APPARATUS
- APPAREIL A LAME D'ENCADREMENT POUR BALAYAGE

(71) **SILICON VALLEY GROUP, INC.** [US/US]; 101 Metro Drive, Suite 400, San Jose, CA 95110 (US).

(72) **GALBURT, Daniel, N.**; 520 Belden Hill Road, Wilton, CT 06897 (US). **TAM, Waiming**; 6 Cobblestone Trail, Danbury, CT 06810 (US).

(74) **SOKOHL, Robert, E.** et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, Washington, DC 20005-3934 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G03B 37/00**

(11) **WO 01/71423** (13) A1

(21) PCT/FR00/02606

(22) **20 Sep/sep 2000 (20.09.2000)**

(25) fr (26) fr

(30) 00/03672 **22 Mar/mar 2000** FR **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- PANORAMIC IMAGE ACQUISITION DEVICE
- DISPOSITIF D'ACQUISITION D'IMAGE PANORAMIQUE

(71) **EGG SOLUTION** [FR/FR]; 11, rue du Docteur Heulin, F-75017 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GIANCHANDANI, Sajan** [IN/FR]; 6, rue Singer, F-75016 Paris (FR). **LEROY, Alexandre** [FR/FR]; 10, rue Marcel Pagnol, F-95110 Sannois (FR).

(74) **BREESE, Pierre** et al. / etc.; Bresse-Majerowicz, 3, avenue de l'Opéra, F-75001 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G03B 37/00, 37/06**

(11) **WO 01/71424** (13) A1

(21) PCT/FR01/00879

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) fr (26) fr

(30) 00/03672 **22 Mar/mar 2000** FR **(22.03.2000)**

(30) PCT/FR00/02606 **20 Sep/sep 2000** FR **(20.09.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- MAGNIFYING DEVICE FOR PANORAMIC ANAMORPHIC IMAGING SYSTEM
- DISPOSITIF DE GROSSISSEMENT POUR SYSTEME DE CAPTURE D'IMAGES D'ANAMORPHOSE PANORAMIQUES

(71) **EGG SOLUTION** [FR/FR]; 57-59 rue des Moines, F-75017 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GIANCHANDANI, Sajan** [IN/FR]; 42 avenue du Président Kennedy, F-75016 Paris (FR). **LEROY, Alexandre** [FR/FR]; 44 rue des Aulnaies, F-95110 Sannois (FR).

(74) **BREESE-MAJEROWICZ**; 3, avenue de l'Opéra, F-75001 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **G03F**

(11) **WO 01/71425** (13) A2

(21) PCT/US01/06854

(22) **2 Mar/mar 2001 (02.03.2001)**

(25) en (26) en

(30) 09/531,912 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- METHOD FOR TWO DIMENSIONAL ADAPTIVE PROCESS CONTROL OF CRITICAL DIMENSIONS DURING SPIN COATING PROCESS
- PROCEDE DE COMMANDE DE PROCESSUS ADAPTATIVE BIDIMENSIONNELLE DE DIMENSIONS CRITIQUES LORS DE PROCESSUS DE REVETEMENT PAR CENTRIFUGATION

(71) **SILICON VALLEY GROUP, INC.** [US/US]; 2240 Ringwood Avenue, San Jose, CA 95131 (US).

(72) **GURER, Emir**; 709 Coast Range Drive, Scotts Valley, CA 95066 (US). **ZHONG, Tom**; Apartment #19, 3799 Lillick Drive, Santa Clara, CA 95951 (US). **LEWELLEN, John, W.**; 549 Skyway Drive, San Jose, CA 95111 (US). **LEE, Eddie**; 10502 Rampart Avenue, Cupertino, CA 95014 (US).

(74) **DAVIS, Paul**; Wilson Sonsini goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304-1050 (US).

(81) JP KR SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G03F**

(11) **WO 01/71426** (13) A2

(21) PCT/US01/08587

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/533,447 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- APPARATUS FOR GENERATING A LASER PATTERN ON A PHOTOMASK AND ASSOCIATED METHODS
- APPAREIL DESTINE A PRODUIRE UN MOTIF LASER SUR UN MASQUE PHOTOGRAPHIQUE ET PROCEDES ASSOCIES

(71) **HARRIS CORPORATION** [US/US]; 1025 West Nasa Blvd, Melbourne, FL 32919 (US).

(72) **MONTGOMERY, Robert**; 570 Franklyn Avenue, Indialantic, FL 32903 (US). **BURBERRY, Lee**; 769 John Carroll Lane, West Melbourne, FL 32904 (US).

(74) **NIYOGI, Bidyut**; Suite 207, 95 Bulldog Boulevard, Melbourne, FL 32901 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G03F 1/14, H01L 21/266**

(11) **WO 01/71427** (13) A1

(21) PCT/IB01/00410

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/531,317 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PHOTO-LITHOGRAPHIC METHOD FOR SEMICONDUCTORS
• PROCEDE PHOTOLITHOGRAPHIQUE POUR SEMI-CONDUCTEURS

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **CHARLES, Alain, Bernard**; 985 Bukit Timah Road, Maplewoods, Bauhinia Court 03-20, Singapore 589627 (SG). **MALTABES, John, George**; 1610 Gaylord Drive, Austin, TX 78728 (US).

(81) JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **G03F 7/028, 7/004, C08F 2/48, H05K 3/06, 3/18**

(11) **WO 01/71428** (13) A1

(21) PCT/JP01/02202

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-83204 **21 Mar/mar 2000** JP **(21.03.2000)**

(30) 2000-238522 **7 Aug/août 2000** JP **(07.08.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PHOTOSENSITIVE RESIN COMPOSITION, PHOTOSENSITIVE ELEMENT COMPRISING THE SAME, METHOD FOR PRODUCING RESIST PATTERN, AND METHOD FOR PRODUCING PRINTED WIRING BOARD
• COMPOSITION DE RESINE PHOTOSENSIBLE, ELEMENT PHOTOSENSIBLE RENFERMANT LADITE COMPOSITION, PROCEDE DE FABRICATION D'UN MOTIF EN RESINE ET PROCEDE DE FABRICATION D'UNE PLAQUETTE DE CIRCUIT IMPRIME

(71) **HITACHI CHEMICAL CO., LTD.** [JP/JP]; 1-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0449 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MURAKAMI, Yasuharu** [JP/JP]; Research & Development Center, Hitachi Chemical Co., Ltd., 13-1, Higashi-cho 4-chome, Hitachi-shi, Ibaraki 317-8555 (JP). **HIDAKA, Takahiro** [JP/JP]; Research & Development Center, Hitachi Chemical Co., Ltd., 13-1, Higashi-cho 4-chome, Hitachi-shi, Ibaraki 317-8555 (JP).

(74) **TSUKUNI, Hajime**; Svax TS Building, 22-12, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AU BA BB BG BR BZ CA CN CO CR CU CZ DM DZ EE GD GE HR HU ID IL IN IS JP KR LC LK LR LT LV MA MG MK MN MX NO NZ PL RO SG SI SK TT UA US UZ VN YU ZA.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G03F 7/42, C11D 7/50**

(11) **WO 01/71429** (13) A1

(21) PCT/US01/08772

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/190,071 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND COMPOSITION FOR REMOVING SODIUM-CONTAINING MATERIAL FROM MICROCIRCUIT SUBSTRATES
• PROCEDE ET COMPOSITION PERMETTANT DE RETIRER UN MATERIAU CONTENANT DU SODIUM D'UN SUBSTRAT DE MICROCIRCUIT

(71) **MALLINCKRODT INC.** [US/US]; 675 McDonell Boulevard, P.O. Box 5840, St. Louis, MO 63134 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHWARTZKOPF, George** [US/US]; 97 Bickel Road, Franklin Township, Washington, NJ 07882 (US).

(74) **BOONE, Jeffrey, S.**; 675 McDonnell Boulevard, P.O. Box 5840, St. Louis, MO 63134 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G03G 5/06, C07D 209/00**

(11) **WO 01/71430** (13) A1

(21) PCT/US00/21553

(22) **7 Aug/août 2000 (07.08.2000)**

(25) en (26) en

(30) 09/526,789 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ORGANOPHOTORECEPTORS FOR ELECTROPHOTOGRAPHY COMPRISING HYDRAZONE CHARGE TRANSPORT COMPOUNDS
• PHOTORECEPTEURS ORGANIQUES POUR L'ELECTROPHOTOGRAPHIE, COMPRENANT DES COMPOSES HYDRAZONE DE TRANSPORT DE CHARGE

(71) **IMATION CORP.** [US/US]; 1 Imation Place, P.O. Box 64898, St. Paul, MN 55164-0898 (US).

(72) **JUBRAN, Nusrallah**; P.O. Box 64898, Saint Paul, MN 55164-0898 (US). **TOKARSKI, Zbigniew**; P.O. Box 64898, Saint-Paul, MN 55164-0898 (US). **SMITH, Terrance, P.**; P.O. Box 64898, Saint Paul, MN 55164-0898 (US).

(74) **BUHARIN, Amelia, A.** et al. / etc.; Imation Legal Affairs, Post Office Box 64898, Saint Paul, MN 55164-0898 (US).

(81) JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **G03H 1/02, 1/04, G11C 13/04**

(11) **WO 01/71431** (13) A1

(21) PCT/US00/24618

(22) **8 Sep/sep 2000 (08.09.2000)**

(25) en (26) en

(30) 60/189,896 **16 Mar/mar 2000** US **(16.03.2000)**

(30) 60/198,732 **21 Apr/avr 2000** US **(21.04.2000)**

(30) 60/206,791 **24 May/mai 2000** US **(24.05.2000)**

(30) 60/216,691 **7 Jul/juil 2000** US **(07.07.2000)**

(30) 09/657,169 **7 Sep/sep 2000** US **(07.09.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HOLOGRAPHIC RECORDING AND MICRO/NANOFABRICATION VIA ULTRAFAST HOLOGRAPHIC TWO-PHOTON INDUCED PHOTOPOLYMERIZATION (H-TPIP)
• ENREGISTREMENT HOLOGRAPHIQUE ET MICRO/NANOFABRICATION PAR L'INTERMEDIAIRE D'UNE PHOTOPOLYMERISATION HOLOGRAPHIQUE ULTRARAPIDE INDUITE PAR DEUX PHOTONS (H-TPIP)

(71) **SCIENCE APPLICATIONS INTERNATIONAL CORP.** [US/US]; 10260 Campus Point Drive, San Diego, CA 92121 (US).

(72) **KIRKPATRICK, Sean, M.**; 865 Watkins Glen Drive, Washington Township, OH 45458 (US). **STONE, Morley, O.**; 3758 E. Sudbury Court, Bellbrook, OH 45305 (US). **BAUR, Jeffery, W.**; 279 Upper Hillside Drive, Bellbrook, OH 45433 (US). **NATARAJAN, Lalgudi, V.**; 2341 Apricot Drive, Beavercreek, OH 45431 (US). **BUNNING, Timothy, J.**; 3106 Highlander Drive, Beavercreek, OH 45432 (US). **DENNY, Lisa, R.**; 1187 Cymar Dr. East, Beavercreek, OH 45434 (US).

(74) **MARCOU, George, T.**; Kilpatrick Stockton LLP, Suite 800, 700 Thirteenth Street, Washington, DC 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G03S 3/80**

(11) **WO 01/71432** (13) A1

(21) PCT/US01/08964

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/191,207 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A TRACKING, SAFETY AND NAVIGATION SYSTEM FOR FIREFIGHTERS
• SYSTEME DE NAVIGATION, DE SECURITE ET DE POURSUITE POUR SAPEURS POMPIERS

(71) **SUMMIT INDUSTRIES, INC.** [US/US]; 131 Barnum Road, Building 3701, Devens, MA 01432 (US).

(72) **HAASE, Wayne, C**; 7 Matthew Lane, Sterling, MA 01564 (US). **HAASE, Zachary, S.**; 7 Matthew Lane, Sterling, MA 01564 (US). **CHIZINSKI, Paul, M.**; 112 Old Wilton Road, New Ipswich, NH 03071 (US). **MACGREGOR, Malcolm, S.**; 72 Robbins Street, Acton, MA 01720 (US). **BRUCK, Donald, B.**; 48 Wildwood Drive, Bedford, MA 01730 (US).

(74) **SCHURGIN, Stanley, M.** et al. / etc.; Weingarten, Schurgin, Gagnebin & Hayes LLP, Ten Post Office Square, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Declarations / Déclarations :
(s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations

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(51)[7] **G04B 19/26, 19/22, G04C 11/02**

(11) **WO 01/71433** (13) A1

(21) PCT/US01/09173

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/192,241 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AUTOMATIC LOCATION-DETECTING COMBINATION ANALOG AND DIGITAL WRISTWATCH
• MONTRE BRACELET MIXTE ANALOGIQUE-NUMERIQUE A DETECTION DE LOCALISATION AUTOMATIQUE

(71, 72) **KARTOMTEN, Bjorn** [NO/US]; 156 Bahama Reef, Novato, CA 94949 (US). **RONALDS, A., Lyle** [AU/US]; 2443 Fillmore Street #447, San Francisco, CA 94115 (US).

(74) **JOHNSON, Larry, D.** et al. / etc.; Johnson & Stainbrook, LLP, Suite 203, 3550 Round Barn Boulevard, Santa Rosa, CA 95403 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **G04C 10/02, G04B 39/00, G04C 3/00, G04G 17/06, H01L 31/04, G04B 43/00**

(11) **WO 01/71434** (13) A1

(21) PCT/JP01/02091

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) ja (26) ja

(30) 2000-78920 **21 Mar/mar 2000** JP **(21.03.2000)**

(30) 2000-295941 **28 Sep/sep 2000** JP **(28.09.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ELECTRONIC UNIT
• UNITE ELECTRONIQUE

(71) **CITIZEN WATCH CO., LTD.** [JP/JP]; 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ITO, Yukio** [JP/JP]; c/o CITIZEN WATCH CO., LTD., 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP). **KASHIKIE, Junsuke** [JP/JP]; c/o CITIZEN WATCH CO., LTD., 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP). **FUJII, Teruhiko** [JP/JP]; c/o CITIZEN WATCH CO., LTD., 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP).

(74) **WATANABE, Kihei**; Daiichi NS Bldg., 5th Floor, 32, Kanda Suda-cho 1-chome, Chiyoda-ku, Tokyo 101-0041 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G04D 7/00**

(11) **WO 01/71435** (13) A1

(21) PCT/IB01/00482

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) fr (26) fr

(30) 00810239.4 **20 Mar/mar 2000** EP **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • WATCH WINDING DEVICE
• DISPOSITIF DE REMONTAGE D'UNE MONTRE

(71) **UNDERWOOD (LONDON) LTD.** [GB/GB]; 2 Duke Street, St. Jame's, London SW1Y 6BJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RUSTIONI, Alessandro** [IT/IT]; Loc. Basciano, 8, I-50036 Vaglia (IT).

(74) **GRIFFES CONSULTING S.A.**; 81, route de Florissant, CH-1206 Genève (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G04F 1/06**

(11) **WO 01/71436** (13) A1

(21) PCT/DE01/01037

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) de (26) de

(30) 100 13 998.1 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TIME-DISPLAY DEVICE
• DISPOSITIF D'INDICATION TEMPORELLE

(71) **EDG EUROPÄISCHE DIENSTLEISTUNGSGELLSCHAFT S.A.R.L.** [LU/LU]; 18, rue Stümper, F-2557 Luxembourg (LU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WALTER, Hans-Peter** [DE/DE]; Auf der Haardt 2, 66693 Mettlach (DE). **WELTER, Cornelius** [DE/DE]; Goethestrasse 3B, 66696 Mettlach (DE).

(74) **WIESKE, Thilo** et al. / etc.; Vièl & Vièl, Postfach 65 04 03, 66143 Saarbrücken (DE).

(81) JP US.

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Declaration / Déclaration :
(u) for / pour US only / seulement

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(51)[7] **G05B**

(11) **WO 01/71437** (13) A2

(21) PCT/US00/07606

(22) **22 Mar/mar 2000 (22.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MANUFACTURING APPARATUS AND METHOD
• DISPOSITIF ET PROCEDE DE FABRICATION

(71) **APPLIED KINETIC, INC.** [US/US]; 1125 Highway 7 West, Hutchinson, MN 55350 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GIRARD, Mark, T.** [US/US]; 17819 54th Street N.W., South Haven, MN 55382 (US). **JURGENSON, Ryan, A.** [US/US]; 20816 Skyview Avenue, Hutchinson, MN 55350 (US). **TRACY, Joseph, Patrick** [US/US]; 74308 323rd Street, South Haven, MN 55382 (US). **SWIFT, David, Richard** [US/US]; 13902 125th Street, Glencoe, MN 55336 (US). **LIVERMORE, Roger, Rhea** [US/US]; 520 School Road North, Hutchinson, MN 55350 (US).

(74) **GREGERSEN, Craig, M.**; Briggs and Morgan, 2200 First National Bank Building, 332 Minnesota Street, St. Paul, MN 55101 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G05B 19/05**

(11) **WO 01/71438** (13) A2

(21) PCT/EP01/02884

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) de (26) de

(30) 200 05 047.8 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ELECTROMOTIVE DRIVE
• ENTRAINEMENT A MOTEUR ELECTRIQUE

(71) **DEWERT ANTRIEBS- UND SYSTEMTECHNIK GMBH & CO. KG** [DE/DE]; Weststrasse 1, 32278 Kirchlengern (DE).
(for all designated States except / pour tous les États désignés sauf JP US)

(71) **DEWERT VERWALTUNGS GMBH** [DE/DE]; Weststrasse 1, 32278 Kirchlengern (DE).
(only for / seulement pour JP)

(72, 75) **LAMBRECHT, Heinz** [DE/DE]; Oberer Schniederweg, 32312 Lübbecke (DE). **BOKÄMPER, Ralf** [DE/DE]; Schubertstrasse 2, 32312 Lübbecke (DE).

(74) **DANTZ, Jan** et al. / etc.; Jöllenbecker Strasse 164, 33613 Bielefeld (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G05B 19/05**

(11) **WO 01/71439** (13) A1

(21) PCT/EP01/03145

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) de (26) de

(30) 100 14 272.9 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR REPROGRAMMING A FIELD DEVICE
• PROCEDE DE REPROGRAMMATION D'UN DISPOSITIF UTTILISE SUR LE TERRAIN

(71) **ENDRESS + HAUSER GMBH + CO.** [DE/DE]; Hauptstrasse 1, 79689 Maulburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PFÄNDLER, Martin** [DE/DE]; Felix-Platter-Weg 6, 79689 Maulburg (DE). **SCHROCK, Arthur** [DE/DE]; Talstrasse 52, 79585 Weitenau (DE).

(74) **ANDRES, Angelika**; c/o Endress + Hauser (Deutschland) Holding GmbH, PatServe, Colmarer Strasse 6, 79576 Weil am Rhein (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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(51)[7] **G05B 19/418**

(11) **WO 01/71440** (13) A1

(21) PCT/EP00/02470

(22) **21 Mar/mar 2000 (21.03.2000)**

(25) de (26) de

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD FOR DETERMINING THE OPTIMAL OPERATING SPEED OF A PRODUCTION MACHINE
• SYSTEME ET PROCEDE POUR DETERMINER LA VITESSE DE FONCTIONNEMENT OPTIMALE D'UNE MACHINE DE PRODUCTION

(71) **ABB RESEARCH LTD.** [CH/CH]; Affolternstrasse 44, CH-8050 Zürich (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SZÖKE, Szaniszlo** [BE/BE]; Rue de Brionsart 16, B-5340 Gesves (BE). **VOLLMAR, Gerhard** [DE/DE]; Raiffeisenstrasse 12, D-67149 Meckenheim (DE).

(74) **MILLER, Toivo** et al. / etc.; ABB Patent GmbH, Postfach 10 03 51, D-68128 Mannheim (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G05D 1/03, 3/10**

(11) **WO 01/71441** (13) A1

(21) PCT/SE01/00594

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0000948-0 **21 Mar/mar 2000** SE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • VEHICLE AND METHOD FOR GUIDING A VEHICLE BY POSITION-CODING
• VEHICULE ET METHODE DE GUIDAGE D'UN VEHICULE PAR CODAGE DE POSITION

(71) **ANOTO AB** [SE/SE]; c/o C Technologies AB, Scheelevägen 15, S-223 70 Lund (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FÅHRAEUS, Christer** [SE/SE]; Sölvegatan 3 A, S-223 62 Lund (SE). **PERSSON, Erik** [SE/SE]; Magistratsvägen 57G:26, S-226 44 Lund (SE).

(74) **AWAPATENT AB**; Box 5117, S-200 71 Malmö (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G05D 11/13**

(11) **WO 01/71442** (13) A1

(21) PCT/US01/07041

(22) **6 Mar/mar 2001 (06.03.2001)**

(25) en (26) en

(30) 09/526,785 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • APPARATUS AND METHOD FOR DISPENSING A PREDETERMINED AMOUNT OF FLUID

- APPAREIL ET PROCEDE PERMETTANT DE DISTRIBUER UNE QUANTITE PREDETERMINEE DE FLUIDE

(71) **FMC CORPORATION** [US/US]; 200 East Randolph Drive, Chicago, IL 60601 (US).

(72) **HOUSTON, Ian**; 5441 Highlands Vista Circle, Lakeland, FL 33813 (US). **BUNCE, Keith**; 5607 Emerald Ridge Boulevard, Lakeland, FL 33813 (US). **GARCIA, Salvador**; 5875 Chaps Drive, Lakeland, FL 33813 (US).

(74) **WARTHER, Richard, K.**; Allen, Dyer, Doppelt, Milbrath & Gilchrist, P.A., Suite 1401, 255 South Orange Avenue, P.O. Box 3791, Orlando, FL 32802-3791 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **G05D 23/13**

(11) **WO 01/71443** (13) A1

(21) PCT/EP01/03053

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) MO2000A000049 **20 Mar/mar 2000 (20.03.2000)** IT

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- A REMOTE TEMPERATURE MONITORING AND ADJUSTMENT SYSTEM FOR WATER USED FOR SANITARY PURPOSES IN THE DOMESTIC ENVIRONMENT
- SYSTEME DE CONTROLE ET DE REGLAGE A DISTANCE DE LA TEMPERATURE DE L'EAU UTILISEE A DES FINS SANITAIRES DOMESTIQUES

(71) **MERLONI TERMOSANITARI S.P.A.** [IT/IT]; Viale Aristide Merloni, 45, I-60044 Fabriano (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARCHETTI, Ruggero** [IT/IT]; Viale Aristide Merloni, 45, I-60044 Fabriano (IT).

(74) **CERRETA, Caterina**; Gidiemme S.r.l., Via Giardini, 474/M, I-41100 Modena (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **G05F 1/00**

(11) **WO 01/71444** (13) A1

(21) PCT/US00/07645

(22) **23 Mar/mar 2000 (23.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- TRANSFORMER TAP SWITCHING POWER SUPPLY FOR LED TRAFFIC SIGNAL
- ALIMENTATION DE COMMUTATEUR A PRISES MULTIPLES DE TRANSFORMATEUR, DESTINEE A UN FEU DE SIGNALISATION A DIODES ELECTROLUMINESCENTES

(71, 72) **HOCHSTEIN, Peter, A.** [US/US]; 2966 River Valley Drive, Troy, MI 48098 (US).

(74) **MILTON, Harold, W.** et al. / etc.; Howard & Howard Attorneys, P.C., Suite 101, 39400 Woodward Avenue, Bloomfield Hills, MI 48304-5151 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(a)*

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(51)[7] **G05F 1/10, H03K 5/14**

(11) **WO 01/71445** (13) A1

(21) PCT/JP01/01930

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) ja (26) ja

(30) 2000-081833 **17 Mar/mar 2000 (17.03.2000)** JP

(30) 2000-092962 **28 Mar/mar 2000 (28.03.2000)** JP

(30) 2000-221137 **21 Jul/juil 2000 (21.07.2000)** JP

(30) 2001-017529 **25 Jan/jan 2001 (25.01.2001)** JP

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- POWER SUPPLY CONTROL DEVICE, SEMICONDUCTOR DEVICE AND METHOD OF DRIVING SEMICONDUCTOR DEVICE
- DISPOSITIF DE COMMANDE D'ALIMENTATION, DISPOSITIF A SEMI-CONDUCTEUR ET PROCEDE D'EXCITATION DE CE DISPOSITIF A SEMI-CONDUCTEUR

(71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SENO, Katsunori** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **HASHIGUCHI, Akihiko** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **KONDO, Tetsuo** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **SEKI, Takahiro** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) **SATOH, Takahisa**; SOHSHIN INTERNATIONAL PATENT OFFICE, 4F Miyaki Bldg., 4-2, Yanagibashi 2-chome, Taito-ku, Tokyo 111-0052 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G05F 1/40**

(11) **WO 01/71446** (13) A1

(21) PCT/US01/08508

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/191,125 **22 Mar/mar 2000 (22.03.2000)** US

(30) 60/209,478 **5 Jun/juin 2000 (05.06.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- INDUCTOR CURRENT SYNTHESIZER FOR SWITCHING POWER SUPPLIES
- SYNTHETISEUR DE COURANT INDUCTEUR DESTINE A UNE ALIMENTATION DE DECOUPAGE

(71) **INTERNATIONAL RECTIFIER CORPORATION** [US/US]; 233 Kansas Street, El Segundo, CA 90245 (US).

(72) **OKNAIAN, V., Stepan**; 8110 Lesner Avenue, Van Nuys, CA 91406 (US). **BROWN, J., Steven**; 2159 Mt. Shasta Drive, San Pedro, CA 90732 (US).

(74) **WEINER, Samuel, H.** et al. / etc.; Ostrolenk, Faber, Gerb & Soffen, LLP, 1180 Avenue of the Americas, New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F**

(11) **WO 01/71447** (13) A2

(21) PCT/DE01/00960

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) de (26) de

(30) 100 13 708.3 **21 Mar/mar 2000 (21.03.2000)** DE

(30) 200 16 394.9 **20 Sep/sep 2000 (20.09.2000)** DE

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ARRANGEMENT FOR AUTOMATICALLY ORDERING MERCHANDISE ONLINE
• DISPOSITIF DE COMMANDE DE MARCHANDISES AUTOMATISEE EN LIGNE

(71, 72) **BECK, Helga** [DE/DE]; Frohnbergstrasse 101, 97453 Schonung/Markt Steinach (DE).

(74) **GÖTZ, Georg** et al. / etc.; Götz & Küchler, Postfach 11 93 40, 90103 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F**

(11) **WO 01/71448** (13) A2

(21) PCT/IB01/00678

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,749 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NATURAL-LANGUAGE PROCESSING SYSTEM USING A LARGE CORPUS
• SYSTEME DE TRAITEMENT EN LANGAGE NATUREL UTILISANT UN CORPUS

(71, 72) **FREEMAN, Robert, J.** [NZ/NZ]; 9 Ocean View Terrace, Sumner, Christchurch 8008 (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F**

(11) **WO 01/71449** (13) A2

(21) PCT/KR01/00465

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ko (26) en

(30) 2000/14794 **23 Mar/mar 2000** KR **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SERVICE SYSTEM FOR MANAGING INTERNET ADVERTISEMENT USING INTERNET PHONE AND GEOMETRIC INFORMATION SYSTEM
• SYSTEME DE SERVICE SERVANT A GERER DES ANNONCES PUBLICITAIRES PAR TELEPHONE INTERNET, ET SYSTEME D'INFORMATION GEOMETRIQUE

(71, 72) **KIM, Jong-Hyun** [KR/KR]; 705-506 Joogong APT #3, Byulyang-dong, Gwachun-si, Kyunggi-do 427-800 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F**

(11) **WO 01/71450** (13) A2

(21) PCT/US01/40368

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/533,484 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR FACILITATING COMMUNICATION TO GOVERNMENT/CORPORATE OFFICIALS VIA THE INTERNET
• PROCEDE ET APPAREIL PERMETTANT DE FACILITER LA COMMUNICATION AVEC DES FONCTIONNAIRES DE GOUVERNEMENT/CHEFS D'ENTREPRISE VIA L'INTERNET

(71, 72) **KISSEL, Michael, C.** [US/US]; 106 East 85th Street, Apt. 3-S, New York, NW 10028 (US).

(74) **MESSINA, Gerard, A.**; Kenyon & Kenyon, One Broadway, New York, NY 10004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F**

(11) **WO 01/71451** (13) A2

(21) PCT/US01/07715

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 09/527,156 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DATA-STORAGE CARTRIDGE HAVING ONE OR MORE SURFACE RECESSES FOR IMPROVED INTERNAL AIR CIRCULATION
• CARTOUCHE DE STOCKAGE DE DONNEES PRESENTANT UN OU PLUSIEURS EVIDEMENTS QUI ASSURENT UNE MEILLEURE CIRCULATION DE L'AIR

(71) **IOMEGA CORPORATION** [US/US]; 1821 West 4000 South, Roy, UT 84067 (US).

(72) **HALL, David, L.**; 473 East Scott Avenue, Salt Lake City, UT 84115 (US).

(74) **KURTZ, Richard, E.** et al. / etc.; Woodcock Washburn Kurtz Mackiewicz & Norris LLP, One Liberty Place, 46th floor, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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 01/71452** (13) A2

(21) PCT/US01/08293

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 60/190,420 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 09/577,434 **22 May/mai 2000** US **(22.05.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR FACILITATING ONLINE PAYMENT TRANSACTIONS IN A NETWORK-BASED TRANSACTION FACILITY USING MULTIPLE PAYMENT INSTRUMENTS
• PROCEDE ET APPAREIL FACILITANT LES OPERATIONS DE REGLEMENT EN LIGNE DANS UNE INSTALLATION COMMERCIALE EN RESEAU AU MOYEN DE MULTIPLES OUTILS DE REGLEMENT

(71) **EBAY, INC.** [US/US]; 2125 Hamilton Avenue, San Jose, CA 95125 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAY, Jason** [US/US]; 1882 Crestmont Drive, San Jose, CA 95124 (US). **FLINT, Ian** [US/US]; 1765 Drew Avenue, Mountain View, CA 94043 (US).

(74) **MALLIE, Michael, J.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 12400

Wilshire Boulevard, 7th floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F**

(11) **WO 01/71453** (13) A2

(21) PCT/US01/08310

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/531,703 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND SYSTEM FOR BIDDING ON MULTIPLE AUCTIONS
• PROCEDE ET SYSTEME D'OFFRE DANS DES VENTES AUX ENCHERES MULTIPLES

(71) **AMAZON.COM, INC.** [US/US]; 1200 12th Avenue South, Seattle, WA 98144 (US).

(72) **KUMAR, Suresh**; 3809 131st Lane SE, Apt. J-7, Bellevue, WA (US).

(74) **PIRIO, Maurice, J.** et al. / etc.; Perkins Coie LLP, P.O. Box 1247, Seattle, WA 98111-1247 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F**

(11) **WO 01/71454** (13) A2

(21) PCT/US01/08601

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 60/190,170 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MOTOR MANAGEMENT PROGRAM
• PROGRAMME DE GESTION RELATIVE AUX MOTEURS

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 Muenchen (DE).

(71, 72) **TAYLOR, Michael** [CA/CA]; P.O. Box 18, Dorchester, Ontario NOL 1GO (CA). **STÜBIGER, Jurgen** [DE/DE]; Peter-Vischer-Str. 6, 91056 Erlangen (DE). **WILCOX, Michael** [US/US]; 3928 Windgrove Crossing, Suwanee, GA 30024 (US). **ZANCOLICH, Giuseppe** [AU/US]; 11205 Amu Windham Ak Master Road, Alpharetta, GA 30005 (US).

(74) **ROBINSON, Melvin, A.**; Patent Department, Schiff Hardin & Waite, 6600 Sears Tower, Chicago, IL 60606 (US).

(81) AU BR CA CN MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G06F**

(11) **WO 01/71455** (13) A2

(21) PCT/US01/08796

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,316 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • OPTIMIZATION APPARATUS, SYSTEM, AND METHOD OF USE DOING BUSINESS
• APPAREIL, SYSTEME D'OPTIMISATION, ET MODE D'UTILISATION EN AFFAIRES

(71) **OPTIM, L.L.C.** [—/US]; UNR MS-174, 1664 N. Virginia Street, Reno, NV 89557-0141 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HONJAS, William** [—/US]; 2659 Antonio Lane, Reno, NV 89523 (US). **PULLAMMANAPPALL, Satish, K.** [—/US]; 401 College Drive, #126, Reno, NV 89503 (US). **LOUIS, Sushel, J.** [—/US]; 5200 Summit Ridge Drive, Reno, NV 89503 (US).

(74) **RYAN, Robert, C.**; Ian F. Burns & Associates, P.O. Box 20038, Reno, NV 89515-0038 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F**

(11) **WO 01/71456** (13) A2

(21) PCT/US01/08810

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/528,504 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ELECTRONIC COMMERCE SYSTEM AND METHODS WITH GLOBAL INFORMATION ACCESSIBLE AND WITH SPECIFIC INFORMATION AND CONTROL AVAILABLE
• SYSTEME ET PROCEDES DE COMMERCE ELECTRONIQUE PRESENTANT DES INFORMATIONS GLOBALES ACCESSIBLES ET DES INFORMATIONS ET CONTROLES SPECIFIQUES DISPONIBLES

(71) **FOUND, INC.** [—/US]; Suite 200, 6671 South Redwood Road, Salt Lake City, UT 84084 (US).

(71, 72) **LAWSON, Richard** [US/US]; Suite 400, 200 Pine Street, San Francisco, CA 94104 (US). **DRIES, Gene** [US/US]; 10024 Pourdre Court, Littleton, CO 80124 (US).

(74) **O'BRYANT, David W.**; Morris, Bateman, O'Bryant & Compagni, P.C., 5882 South 900 East, Suite 300, Salt Lake City, UT 84121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F**

(11) **WO 01/71457** (13) A2

(21) PCT/US01/08851

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/191,042 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MESSAGE DELIVERY DEVICE AND DISPLAY SYSTEM FOR USE THEREWITH
• DISPOSITIF DE REMISE DE MESSAGES ET SYSTEME DE PRESENTATION ASSOCIE

(71, 72) **MCLAUGHLIN, John, R., Jr.** [US/US]; 409 Old Garrison Road, Dover, NH 03820 (US).

(74) **BOURQUE, Daniel, J.** et al. / etc.; Bourque & Associates, P.A., 835 Hanover Street, Suite 303, Manchester, NH 03104 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)[7] **G06F**

(11) **WO 01/71458** (13) A2

(21) PCT/US01/09057

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/532,351 **21 Mar/mar 2000 (21.03.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ON-LINE VEHICLE APPRAISAL SYSTEM
• SYSTEME D'ESTIMATION D'UN VEHICULE EN LIGNE

(71) **GREENTREE AUTOMOTIVE, INC.** [US/US]; 525 Brookside Avenue, Wayne, PA 19103 (US).

(72) **REIMEL, Theodore, L., III**; 525 Brookside Avenue, St. Davids, PA 19087 (US). **GREEN, Hilary, S.**; Independence Place 2, Suite 1107, 233 South Sixth Street, Philadelphia, PA 19106 (US).

(74) **STROBAUGH, Terence, P.**; Woodcock Washburn Kurtz Mackiewicz & Norris LLP, One Liberty Place, 46th floor, Philadelphia, PA 19103 (US).

(81) CA JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G06F**

(11) **WO 01/71459** (13) A2

(21) PCT/US01/09330

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,222 **22 Mar/mar 2000 (22.03.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND SYSTEM FOR A NETWORK-BASED SECURITIES MARKETPLACE
• PROCEDE ET SYSTEME DE TRANSACTIONS DE VALEURS BASEES SUR UN RESEAU

(71) **UNIFIEDMARKET, INC.** [US/US]; 224 Birmingham Drive, Suite A, Cardiff-by-the-Sea, CA 92007 (US).

(72) **MILLARD, Jeffrey, R.**; 28551 Rancho Maralena, Laguna Niguel, CA 92677 (US). **OWENS, William, M.**; 1376 Peachwood Drive, Encinitas, CA 92024 (US).

(74) **MORRIS, Francis, E.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 1/00**

(11) **WO 01/71460** (13) A2

(21) PCT/GB01/01200

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 0006606.8 **20 Mar/mar 2000 (20.03.2000)** GB

(30) 0014462.6 **9 Jun/juin 2000 (09.06.2000)** GB

(30) 0022289.3 **8 Sep/sep 2000 (08.09.2000)** GB

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • IMPROVEMENTS IN AND RELATING TO A HALLMARKING VERIFICATION PROCESS AND SYSTEM AND CORRESPONDING METHOD OF AND SYSTEM FOR COMMUNICATION
• AMELIORATIONS DANS ET EN RELATION AVEC UN PROCEDE ET UN SYSTEME DE VERIFICATION DE NUMERO D'AUTHENTIFICATION, PROCEDE CORRESPONDANT ET SYSTEME DE COMMUNICATION

(71) **COMODO TECHNOLOGY DEVELOPMENT LIMITED** [GB/GB]; 10 Hey Street, Bradford, West Yorkshire BD7 1DQ (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ABDULHAYOGLU, Melih** [TR/GB]; 10 Hey Street, Bradford, West Yorkshire BD7 1DQ (GB).

(74) **BRANDON, Paul, Laurence**; Appleyard Lees, 15 Clare Road, Halifax, West Yorkshire HX1 2HY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 1/00, 12/14**

(11) **WO 01/71461** (13) A1

(21) PCT/SE01/00592

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0000942-3 **21 Mar/mar 2000 (21.03.2000)** SE

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LOGGING IN
• CONTROLE D'ACCES

(71) **ANOTO AB** [SE/SE]; c/o C Technologies AB, Scheelevägen 15, S-223 70 Lund (SE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FÅHRAEUS, Christer** [SE/SE]; Sölvegatan 3 A, S-223 62 Lund (SE). **ERICSON, Petter** [SE/SE]; Industrigatan 2 B, S-212 14 Malmö (SE). **KARLSSON, Sven, Olof** [SE/SE]; Kämnärsvägen 9K218, S-226 46 Lund (SE).

(74) **AWAPATENT AB**; Box 5117, S-200 71 Malmö (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 1/00**

(11) **WO 01/71462** (13) A2

(21) PCT/US01/40332

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/531,859 **21 Mar/mar 2000 (21.03.2000)** US

(30) 09/531,720 **21 Mar/mar 2000 (21.03.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD FOR SECURE BIOMETRIC IDENTIFICATION
• SYSTEME ET METHODE D'IDENTIFICATION BIOMETRIQUE SURE

(71) **WIDCOMM, INC.** [US/US]; Suite 205, 9645 Scranton Road, San Diego, CA 92121 (US).

(72) **MORRIS, Martin**; 1055 Crestview Road, Vista, CA 92083 (US). **SENYEI, Andrew**; 1574 El Camino del Teatro, La Jolla, CA 92037 (US). **CALCAGNO, Jeff**; 341 Mesa Way, La Jolla, CA 92037 (US).

(74) **ZIMMER, Kevin, J.**; Cooley Godward LLP, 3000 El Camino Real, Five Palo Alto Square, Palo Alto, CA 94306-2155 (US) et al. / etc.

(81) CA CN DE FI GB JP MX SE.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G06F 1/00**

(11) **WO 01/71463** (13) A2

(21) PCT/US01/08488

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/189,983 **17 Mar/mar 2000 (17.03.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHODS AND SYSTEMS FOR PROVIDING A SECURE ELECTRONIC MAILBOX
• PROCEDES ET SYSTEMES PERMETTANT D'OBTENIR UNE BOITE AUX

LETTRES ELECTRONIQUE SECURISEE

(71) **UNITED STATES POSTAL SERVICE** [US/US]; 475 L'Enfant Plaza, S.W., Room 6344, Washington, DC 20260-1135 (US).

(72) **COOK, Jon, L.**; 203 Yoakum Park, Apt. 1014, Alexander, VA 22304 (US). **RAY, Christine**; 2019 34th Street, SE, Washington, DC 20020 (US). **ROGERSON, Cathy, M.**; 7316 Wayne Drive, Annandale, VA 22003-1741 (US).

(74) **GARRETT, Arthur, S.** et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 1/04, 1/12**

(11) **WO 01/71464** (13) A1

(21) PCT/US01/08396

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/531,063 **18 Mar/mar 2000** US **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DISTRIBUTING SYNCHRONIZED CLOCK SIGNALS IN A MULTIPLE BUS ENVIRONMENT
• SIGNAUX D'HORLOGE SYNCHRONISES DE DISTRIBUTION DANS UN ENVIRONNEMENT A BUS MULTIPLE

(71) **SONY ELECTRONICS, INC.** [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).

(72) **JAMES, David, Vernon**; 3180 South Court, Palo Alto, CA 94306 (US). **FAIRMAN, Bruce**; 275 Martinez Road, Woodside, CA 94062 (US). **STONE, Glen, David**; 18301 Idylwild Road, Los Gatos, CA 95033 (US).

(74) **SOBRINO, Maria, McCormack** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Boulevard, 7th floor, Los Angeles, CA 90025-1026 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 1/16**

(11) **WO 01/71465** (13) A2

(21) PCT/DE01/00774

(22) **1 Mar/mar 2001 (01.03.2001)**

(25) de (26) de

(30) 100 13 862.4 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PORTABLE COMPUTER SYSTEM
• SYSTEME INFORMATIQUE PORTABLE

(71) **FUJITSU SIEMENS COMPUTERS GMBH** [DE/DE]; Otto-Hahn-Ring 6, 81739 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KORNMAYER, Ingbert** [DE/DE]; Prof.-Messerschmitt-Strasse 21, 86159 Augsburg (DE).

(74) **EPPING HERMANN & FISCHER**; Postfach 12 10 26, 80034 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 3/00, 13/00, H04N 7/08**

(11) **WO 01/71466** (13) A1

(21) PCT/JP01/01914

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) ja (26) ja

(30) 2000-083290 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INFORMATION DISPLAY AND INFORMATION PROVIDING DEVICE
• DISPOSITIF D'AFFICHAGE DE DONNEES ET DISPOSITIF DELIVRANT DES DONNEES

(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) **KATO, Kosuke** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **HARADA, Tadanori** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) **KOIKE, Akira** et al. / etc.; No.11 Mori Bldg., 6-4, Toranomon 2-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 3/00, 13/00**

(11) **WO 01/71467** (13) A1

(21) PCT/JP01/01915

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) ja (26) ja

(30) 2000-083289 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INFORMATION DISPLAY
• AFFICHEUR D'INFORMATIONS

(71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KATO, Kosuke** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **HARADA, Tadanori** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) **KOIKE, Akira** et al. / etc.; No.11 Mori Bldg., 6-4, Toranomon 2-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 3/00, 13/00, 13/14, 13/38, 13/40, 13/42, 13/376**

(11) **WO 01/71468** (13) A1

(21) PCT/US00/28434

(22) **13 Oct/oct 2000 (13.10.2000)**

(25) en (26) en

(30) 09/531,061 **18 Mar/mar 2000** US **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A METHOD AND SYSTEM FOR USING A NEW BUS IDENTIFIER RESULTING FROM A BUS TOPOLOGY CHANGE
• PROCEDE ET SYSTEME PERMETTANT D'UTILISER UN NOUVEL IDENTIFICATEUR DE BUS QUI RESULTE D'UN CHANGEMENT DE TOPOLOGIE EN BUS

(71) **SONY ELECTRONICS, INC.** [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).

(72) **JAMES, David, V.**; 3180 South Court, Palo Alto, CA 94306 (US). **FAIRMAN, Bruce**; 275 Martinez Road, Woodside, CA 94062 (US). **HUNTER, David**; 3938 Foothill Road, Santa Barbara, CA 93110 (US). **SHIMA, Hisato**; 707 Continental Circle #237, Mountain View, CA 94040 (US).

(74) **SOBRINO, Maria, McCormack** 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 BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 3/00, 13/00, 15/00, 17/00, 17/21, 17/24, 17/60**

(11) **WO 01/71469** (13) A1

(21) PCT/US01/08562

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/189,980 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND SYSTEM FOR ACCESSING MEDICAL INFORMATION
• PROCEDE ET SYSTEME D'ACCES A DES INFORMATIONS MEDICALES

(71, 72) **DAHMS, Jeffrey, Williams** [AU/US]; 57 W 58TH Street, #4F, New York, NY 10019 (US).

(74) **COMTOIS, Mark, C.**; Carter, Ledyard & Milburn, Suite 300, 1401 Eye Street, NW, Washington, DC 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 3/023**

(11) **WO 01/71470** (13) A1

(21) PCT/SG01/00040

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 200001593-3 **20 Mar/mar 2000** SG **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MULTIMEDIA KEYBOARD WITH STRING INSTRUMENT MODULE
• CLAVIER MULTIMEDIA COMPRENANT UN MODULE D'INSTRUMENT A CORDE

(71) **CREATIVE TECHNOLOGY LTD** [—/SG]; 31 International Business Park, Singapore 609921 (SG).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SIM, Wong, Hoo** [SG/SG]; 5 Chestnut Terrace, Singapore 679123 (SG). **LIM, Kok-Liang** [AU/SG]; 31 Dairy Farm Road, #01-02, Singapore 679050 (SG).

(74) **LAWRENCE Y D HO & ASSOCIATES**; Thongsia Building, 30 Bideford Road, #07-01, Singapore 229922 (SG).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 3/03**

(11) **WO 01/71471** (13) A1

(21) PCT/SE01/00584

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0000944-9 **21 Mar/mar 2000** SE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ARRANGEMENT IN A COMPUTER SYSTEM
• DISPOSITIF RELATIF A UN SYSTEME INFORMATIQUE

(71) **ANOTO AB** [SE/SE]; c/o C Technologies AB, Scheelevägen 15, S-223 70 Lund (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BURSTRÖM, Stefan** [SE/SE]; Kämnärsvägen 8B:201, S-226 45 Lund (SE).

(74) **AWAPATENT AB**; Box 5117, S-200 71 Malmö (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 3/033**

(11) **WO 01/71472** (13) A2

(21) PCT/GB01/00769

(22) **22 Feb/fév 2001 (22.02.2001)**

(25) en (26) en

(30) 00302229.0 **20 Mar/mar 2000** EP **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DATA ENTRY
• ENTREE DE DONNEES

(71) **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY** [GB/GB]; 81 Newgate Street, London EC1A 7AJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEAUMONT, David, Owen** [GB/GB]; 48 Westland, Martlesham Heath, Ipswich, Suffolk IP5 3SU (GB). **AZAM, Mohammad, Shabir** [GB/GB]; 18 Melplash Road, Ipswich, Suffolk IP3 8QJ (GB).

(74) **GARRISON, Christopher, Sinclair**; BT Group Legal Services, Intellectual Property Dept., 8th floor, Holborn Centre, 120 Holborn, London EC1N 2TE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 3/033, G06K 11/18**

(11) **WO 01/71473** (13) A1

(21) PCT/SE01/00585

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0000945-6 **21 Mar/mar 2000** SE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DATA INPUT ARRANGEMENT
• DISPOSITIF DE SAISIE DE DONNEES

(71) **ANOTO AB** [SE/SE]; c/o C Technologies AB, Scheelevägen 15, S-223 70 Lund (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FÅHRAEUS, Christer** [SE/SE]; Sölvegatan 3A, S-223 62 Lund (SE). **WIEBE, Linus** [SE/SE]; Grönegatan 8, S-222 24 Lund (SE).

(74) **AWAPATENT AB**; Box 5117, S-200 71 Malmö (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY

BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 3/033, G06K 11/18, 9/62**

(11) **WO 01/71474** (13) A1

(21) PCT/SE01/00593

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0000943-1 **21 Mar/mar 2000** SE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SIGNATURE CHECKING SYSTEM
• SYSTEME DE VERIFICATION DE SIGNATURE

(71) **ANOTO AB** [SE/SE]; c/o C Technologies AB, Scheelevägen 15, S-223 70 Lund (SE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KARLSSON, Sven, Olof** [SE/SE]; Kämnärsvägen 9K218, S-226 46 Lund (SE).

(74) **AWAPATENT AB**; Box 5117, S-200 71 Malmö (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 3/033, G06K 11/18, G03G 15/36**

(11) **WO 01/71475** (13) A1

(21) PCT/SE01/00605

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0000954-8 **21 Mar/mar 2000** SE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESSING OF DOCUMENTS
• TRAITEMENT DE DOCUMENTS

(71) **ANOTO AB** [SE/SE]; c/o C Technologies AB, Scheelevägen 15, S-223 70 Lund (SE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LUNDSTRÖM, Tomas** [SE/SE]; Bagarbyvägen 11B, S-191 34 Sollentuna (SE). **ERICSON, Petter** [SE/SE]; Industrigatan 2 B, S-212 14 Malmö (SE).

(74) **AWAPATENT AB**; Box 5117, S-200 71 Malmö (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 3/033, G06K 11/18**

(11) **WO 01/71476** (13) A1

(21) PCT/SE01/00607

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0000940-7 **21 Mar/mar 2000** SE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEVICE AND METHOD FOR COMMUNICATION
• DISPOSITIF ET PROCEDE DE COMMUNICATION

(71) **ANOTO AB** [SE/SE]; c/o C Technologies AB, Scheelvägen 15, S-223 70 Lund (SE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HUGOSSON, Ola** [SE/SE]; Sandgatan 14 B, S-223 50 Lund (SE). **ERICSON, Petter** [SE/SE]; Industrigatan 2 B, S-212 14 Malmö (SE).

(74) **AWAPATENT AB**; P.O. Box 5117, S-200 71 Malmö (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 3/033**

(11) **WO 01/71477** (13) A1

(21) PCT/SE01/00652

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) PA 2000 00493 **23 Mar/mar 2000** DK **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AN APPARATUS AND METHOD FOR PROVIDING INFORMATION IN A GRAPHICAL USER INTERFACE COMPRISING A TOUCH SCREEN
• APPAREIL ET PROCEDE PERMETTANT DE METTRE A DISPOSITION DES INFORMATIONS PAR L'INTERMEDIAIRE L'UNE INTERFACE UTILISATEUR GRAPHIQUE COMPRENANT UN ECRAN TACTILE

(71) **IR VISION AB** [SE/SE]; Dragarbrunnsgatan 35, S-753 20 Uppsala (SE).

(72) **PETTERSSON, Jerry**; Skolgatan 31, S-753 20 Uppsala (SE).

(74) **GÖTEBORGS PATENTBYRÅ DAHLS AB**; Sjöporten 4, S-417 64 Göteborg (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 3/033**

(11) **WO 01/71478** (13) A2

(21) PCT/US01/09319

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,149 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DATA ENTRY USER INTERFACE
• INTERFACE UTILISATEUR DE SAISIE DE DONNEES

(71) **SONY ELECTRONICS INC.** [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).

(72) **LUDTKE, Harold, Aaron**; 3587 Townsquare Drive, San Jose, CA 95127 (US).

(74) **DICKEY, Jeffrey, D.** et al. / etc.; Lerner, David, Littenberg, Krumholz & Mentlik, LLP,

600 South Avenue West, Westfield, NJ 07090 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 3/14**

(11) **WO 01/71479** (13) A2

(21) PCT/US01/08826

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/190,431 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHODS AND DEVICES FOR RECONSTRUCTING VISUAL STIMULI OBSERVED THROUGH BROWSER-BASED INTERFACES OVER TIME
• PROCEDES ET DISPOSITIFS DE RECONSTITUTION DE STIMULATIONS VISUELLES OBSERVEES AU FIL DU TEMPS A TRAVERS DES INTERFACES DE NAVIGATEUR

(71) **XENO DEVELOPMENT INC.** [US/US]; 1245 South Main Street, Grapevine, TX 76051 (US).

(72) **CRAIN, Kenneth, H.**; 500 Huntersridge Ct., Irving, TX 75063 (US). **VANOVER, William, K.**; 1001 Muscadine Vine Lane, Crowley, TX 76036 (US).

(74) **THRASHER, Steven, W.**; Jackson Walker L.L.P., 2435 N. Central Expressway #600, Richardson, TX 75080 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 3/16**

(11) **WO 01/71480** (13) A2

(21) PCT/US01/08314

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/532,802 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD FOR VOICE ACCESS TO INTERNET-BASED INFORMATION
• SYSTEME ET PROCEDE D'ACCES VOCAL A UNE INFORMATION BASEE SUR INTERNET

(71) **QUACK.COM** [US/US]; 360 West Caribbean Avenue, MV-007, Sunnvale, CA 94089 (US).

(72) **QUILICI, Alexander, E.**; 1044 9th Street, Suite #5, Santa Monica, CA 90403 (US). **WOODS, Steven, Gregory**; 900 High School Way, Apartment 2320, Mountain View, CA 94041 (US). **CARRIERE, Steven, Jeromy**; 651 Franklin Street, Apartment 4302, Mountain View, CA 94041 (US).

(74) **HUNTER, Paul, S.**; Foley & Lardner, 777 East Wisconsin Avenue, 33rd Floor, Milwaukee, WI 53202-5367 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 3/16**

(11) **WO 01/71481** (13) A2

(21) PCT/US01/08749

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/531,743 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD FOR FUNNELING USER RESPONSES IN AN INTERNET VOICE PORTAL SYSTEM TO DETERMINE A DESIRED ITEM OR SERVICE
• SYSTEME ET PROCEDE PERMETTANT D'ORIENTER DES REPONSES D'UTILISATEURS DANS UN SYSTEME DE PORTAIL VOCAL INTERNET POUR DETERMINER UN ARTICLE OU UN SERVICE DESIRE

(71) **QUACK.COM** [US/US]; 360 West Caribbean Avenue, MV-007, Sunnvale, CA 94089 (US).

(72) **CARRIERE, Steven, Jeromy**; 651 Franklin Street, Apartment 4302, Mountain View, CA 94041 (US). **WOODS, Steven, Gregory**; 900 High School Way, Apartment 2320, Mountain View, CA 94041 (US). **SLOUGH, Kelly, James**; 933 Ninth Avenue, San Mateo, CA 94402-1433 (US).

(74) **HUNTER, Paul, S.**; Foley & Lardner, 777 East Wisconsin Avenue, 33rd Floor, Milwaukee, WI 53202-5367 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 5/06**

(11) **WO 01/71482** (13) A1

(21) PCT/US01/01571

(22) **16 Jan/jan 2001 (16.01.2001)**

(25) en (26) en

(30) 09/532,428 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DUAL CLOCK DOMAIN READ FIFO
• DISPOSITIF FIFO A LECTURE DE DOMAINE PAR HORLOGE DOUBLE

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VOLK, Andrew, M.** [US/US]; 7380 Sierra Ponds Lane, Granite Bay, CA 95746 (US). **WILLIAMS, Michael, W.** [US/US]; 8386 Zancanaro Court, Citrus Heights, CA 95610 (US).

(74) **MALLIE, Michael, J.** 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 BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 7/00**

(11) **WO 01/71483** (13) A2

(21) PCT/US01/08948

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/532,510 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • STORAGE EFFICIENT MINIMIZATION LOGIC
• LOGIQUE DE MINIMISATION A STOCKAGE EFFICACE

(71) **TEXAS INSTRUMENTS SANTA ROSA INCORPORATED** [US/US]; Suite 130, 141 Stony Circle, Santa Rosa, CA 95401 (US).

(72) **JOSEPH, Brian**; 1539 Pinebrook Place, Santa Rosa, CA 95403 (US).

(74) **LIPSITZ, Barry, R.**; Law Offices of Barry R. Lipsitz, Building No. 8, 755 Main Street, Monroe, CT 06468 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Declaration / Déclaration :
(t) for all designations / pour toutes les désignations

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(51)[7] **G06F 7/60, 17/10 // 101:00**

(11) **WO 01/71484** (13) A1

(21) PCT/US01/08439

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/528,703 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 09/727,646 **30 Nov/nov 2000** US **(30.11.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD FOR NON-UNIFORM SCALED MAPPING
• SYSTEME ET PROCEDE DE CARTOGRAPHIE A ECHELLES NON UNIFORMES

(71) **VICINITY CORP.** [US/US]; 370 San Aleso Avenue, Sunnyvale, CA 94085 (US).

(72) **AGRAWALA, Maneesh**; 111 Park Street, San Francisco, CA 94110 (US). **STOLTE, Chris**; Escondido Village 18C, Stanford, CA 94305 (US).

(74) **MORRIS, Francis, E.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G06F 7/60, 17/10, 101/00**

(11) **WO 01/71485** (13) A1

(21) PCT/US01/08440

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/528,703 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 09/727,646 **30 Nov/nov 2000** US **(30.11.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD FOR ABSTRACTING AND VISUALIZING A ROUTE MAP
• SYSTEME ET PROCEDE D'EXTRACTION ET VISUALISATION D'UNE CARTE D'ITINERAIRES

(71) **VICINITY CORP.** [US/US]; 370 San Aleso Avenue, Sunnyvale, CA 94085 (US).

(72) **AGRAWALA, Maneesh**; 111 Park Street, San Francisco, CA 94110 (US). **STOLTE, Chris**; Escondido Village 18C, Stanford, CA 94305 (US).

(74) **MORRIS, Francis, E.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G06F 7/72**

(11) **WO 01/71486** (13) A2

(21) PCT/IL01/00274

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 135247 **23 Mar/mar 2000** IL **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR THE CALCULATION OF MODULAR MULTIPLICATIVE INVERSES
• PROCEDES ET DISPOSITIFS POUR LE CALCUL D'INVERSES MULTIPLICATIFS MODULAIRES

(71) **CIPHERIT LTD.** [IL/IL]; 38 Sigalon Street, 84965 Omer (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARAZI, Benjamin** [IL/IL]; 38 Sigalon Street, 84965 Omer (IL).

(74) **LUZZATTO, Kfir** et al. / etc.; Luzzatto & Luzzatto, P.O. Box 5352, 84152 Beer-Sheva (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 9/00**

(11) **WO 01/71487** (13) A2

(21) PCT/EP01/02523

(22) **6 Mar/mar 2001 (06.03.2001)**

(25) en (26) en

(30) 00890089.6 **21 Mar/mar 2000** EP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DATA CARRIER HAVING ADDRESS MODE EXTENSION MEANS AND DATA CARRIER HAVING COMMAND EXTENSION MEANS
• SUPPORT DE DONNEES DOTE D'UN MOYEN D'EXTENSION DE MODE D'ADRESSAGE ET SUPPORT DE DONNEES DOTE D'UN MOYEN D'EXTENSION DE COMMANDE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **ULLY, Klaus**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **RÖGGLA, Harald**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G06F 9/00**

(11) **WO 01/71488** (13) A2

(21) PCT/IN01/00045

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) Not furnished / non communiqué **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEMS FOR DEVELOPING WEBSITES AND METHODS THEREFOR
• SYSTEMES DESTINES A LA CREATION DE PAGES WEB ET LEURS PROCEDES

(71) **AMPERSAND CORPORATION** [US/US]; Suite 270, 700 N. Central Avenue, Glendale, CA 91203 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SRIDHAR, Mandyam, Anandampillai** [IN/US]; 4292 Christian Drive, San Jose, CA 95135-1182 (US).

(74) **SUBRAMANIAM, Hariharan** et al. / etc.; Subramaniam, Nataraj & Associates, Patent & Trademark Attorneys, E-556, Greater Kailash-II, New Delhi 110 048, Maharashta (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 9/00**

(11) **WO 01/71489** (13) A1

(21) PCT/US01/01510

(22) **17 Jan/jan 2001 (17.01.2001)**

(25) en (26) en

(30) 60/190,229 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEVICE, SYSTEM AND METHOD FOR PROVIDING WEB BROWSER ACCESS AND CONTROL OF DEVICES ON CUSTOMER PREMISE GATEWAYS
• DISPOSITIF, SYSTEME ET PROCEDE PERMETTANT DE FOURNIR

AU CHERCHEUR WEB L'ACCES ET LE CONTROLE DE DISPOSITIFS SUR DES PASSERELLES D'INSTALLATIONS D'ABONNES

(71) **SHAREGATE, INC.** [US/US]; Suite 300, 9805 Double R Blvd, Reno, NV 89511-5917 (US).

(72) **ELWAHAB, Amgad, M.**; 8455 Offenhauser #227, Reno, NV 89511 (US). **PELSTER, Michael, A.**; 2783 Shadow Dancer Trail, Reno, NV 89511-5334 (US). **SMITH, Todd, B.**; 354 Hidden Valley Drive, Reno, NV 89502 (US).

(74) **KUBOTA, Glenn, M.**; Foley & Lardner, Suite 3500, 2029 Century Park East, Los Angeles, CA 90067-3095 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 9/00**

(11) **WO 01/71490** (13) A2

(21) PCT/US01/06307

(22) **28 Feb/fév 2001 (28.02.2001)**

(25) en (26) en

(30) 60/191,403 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 09/627,577 **28 Jul/juil 2000** US **(28.07.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A SOFTWARE CONFIGURABLE INPUT/OUTPUT MODULE
• MODULE LOGICIEL D'ENTREE/SORTIE CONFIGURABLE AU MOYEN D'UN LOGICIEL

(71) **IMPROV SYSTEMS, INC.** [US/US]; 100 Cummings Center, Beverly, MA 01915 (US).

(72) **LEVIA, Oz**; 1622 Hummingbird Lane, Sunnyvale, CA 94087 (US). **RYAN, Raymond**; 953 Mt. Carmel Drive, San Jose, CA 95120 (US). **USSERY, Cary**; 27 Elm Street, Hamilton, MA 01982 (US).

(74) **BIANCO, John, V.**; Testa, Hurwitz & Thibeault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 9/44**

(11) **WO 01/71491** (13) A2

(21) PCT/EP01/02820

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 09/533,486 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD FOR COMPUTER SYSTEM MANAGEMENT USING BOOKMARKS
• SYSTEME ET PROCEDE DE GESTION DE SYSTEME INFORMATIQUE AU MOYEN DE SIGNETS

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **MOSHFEGHI, Mehran**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **DE GREEF, Bart**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **HOEKSTRA, Jelle**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G06F 9/44, 17/30**

(11) **WO 01/71492** (13) A1

(21) PCT/FI00/00228

(22) **20 Mar/mar 2000 (20.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND SYSTEM FOR DATA MANAGEMENT IN AN OBJECT-ORIENTED SYSTEM
• PROCEDE ET SYSTEME DE GESTION DE DONNEES DANS UN SYSTEME ORIENTE OBJET

(71) **NET MAGIC T:MI** [FI/FI]; Pelimannintie 20 E 41, FIN-00420 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JIANJUN, Shen** [CN/FI]; Pelimannintie 20 E 41, FIN-00420 Helsinki (FI).

(74) **INNOPAT LTD**; P.O. Box 556, FIN-02151 Espoo (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 9/45, 11/00, H04M 3/42, G06T 1/00**

(11) **WO 01/71493** (13) A1

(21) PCT/US01/05815

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/189,988 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 09/809,084 **16 Mar/mar 2001** US **(16.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMMUNICATIONS SERVICES PROVISIONING METHOD AND APPARATUS AND OBJECT PROGRAMMING LANGUAGE FOR DEVELOPING PROVISIONING MODELS
• PROCEDE ET APPAREIL D'APPROVISIONNEMENT DE SERVICES DE COMMUNICATION ET LANGAGE DE PROGRAMMATION OBJET POUR ELABORER DES MODELES D'APPROVISIONNEMENT

(71) **EMPERATIVE, INC.** [US/US]; 260 Charles Street, Waltham, MA 02453 (US).

(72) **DIENER, Glendon, Ross**; 893 Logan Mill Road, Boulder, GO 80302 (US).

(74) **KAUFMAN, Marc, S.**; Nixon Peabody LLP, Suite 800, 8180 Greensboro Drive, McLean, VA 22102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 9/455**

(11) **WO 01/71494** (13) A2

(21) PCT/EP01/02524

(22) **6 Mar/mar 2001 (06.03.2001)**

(25) en (26) en

(30) 00201007.2 **20 Mar/mar 2000** EP **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF EXECUTING A COMPUTER PROGRAM WITH AN INTERPRETER, COMPUTER SYSTEM AND COMPUTER PROGRAM PRODUCT
• PROCEDE D'EXECUTION DE LOGICIEL AVEC INTERPRETEUR, SYSTEME D'ORDINATEUR ET PRODUIT LOGICIEL CORRESPONDANTS

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **STEINBUSCH, Otto, L.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **DE HAAS, Laurens, J.**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)[7] **G06F 11/00**

(11) **WO 01/71495** (13) A1

(21) PCT/US00/16572

(22) **14 Jun/juin 2000 (14.06.2000)**

(25) en (26) en

(30) 09/532,101 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SOFTWARE, SYSTEMS AND METHODS FOR MANAGING A DISTRIBUTED NETWORK
• LOGICIEL, SYSTEMES ET PROCEDES DE GESTION D'UN RESEAU DISTRIBUE

(71) **CENTRICITY, INC.** [US/US]; 4900 S.W. Meadows Road, Suite 400, Lake Oswego, OR 97035 (US).

(72) **PANDYA, Suketu**; 26272 Cannes Circle, Mission Viejo, CA 92692 (US). **LAKSHMANAN, Hariharan**; 450 Mathilda Avenue #A210, Sunnyvale, CA 92692 (US).

(74) **KOLISCH, J., Pierre** et al. / etc.; Kolisch Hartwell Dickinson McCormack & Heuser, 520 S.W. Yamhill Street, Suite 200, Portland, OR 97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 11/00**

(11) **WO 01/71496** (13) A1

(21) PCT/US00/31953

(22) **22 Nov/nov 2000 (22.11.2000)**

(25) en (26) en

(30) 60/190,334 **16 Mar/mar 2000** US **(16.03.2000)**

(30) 09/705,317 **3 Nov/nov 2000** US **(03.11.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM FOR DATA TRANSFER IN A SECURED NETWORK ENVIRONMENT
• SYSTEME DE TRANSFERT DE DONNEES DANS UN ENVIRONNEMENT DE RESEAU PROTEGE

(71) **MYNETLAB COMMUNICATIONS INTERNATIONAL, INC.** [US/US]; Suite 1000, 1534 Carob Lane, Los Altos, CA 94024 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YEN, Shyh-Pei** [US/US]; 2053 Minto Drive, San Jose, CA 95132 (US). **CIAMBOLI, Luke** [US/US]; 805 Inverness Way, Sunnyvale, CA 94087 (US).

(74) **ROBERTS, Raymond, E.**; Hickman Coleman & Hughes LLP, P.O. Box 52037, Palo Alto, CA 94303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 11/30**

(11) **WO 01/71497** (13) A1

(21) PCT/KR01/00416

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) ko (26) en

(30) 2000/13882 **18 Mar/mar 2000** KR **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ELECTRONIC/MECHANICAL PASSWORD LOCKING/SECURITY SYSTEM EQUIPPED WITH INTERNAL HACKING PROTECTION PROGRAM USING TIME-INTERVAL
• SYSTEME ELECTROMECANIQUE DE BLOCAGE ET SECURISATION D'UN MOT DE PASSE A PROGRAMME INTERNE DE HACHAGE A INTERVALLES DE TEMPS

(71, 72) **MOON, Gyu** [KR/KR]; Daewoo Apartment, 110-1303 Seoksa-Dong, Chunchon City, Kangwon-Do 200-180 (KR). **YUN, Hyun** [KR/KR]; 703-134 Mia 8-Dong, Gangbuk-Gu, Seoul 142-108 (KR).

(74) **CHO, Chulhyun**; Chun-il BLDG.5, 826-26 Yeoksam-Dong, Kangnam-Gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 11/30**

(11) **WO 01/71498** (13) A2

(21) PCT/US01/04461

(22) **9 Feb/fév 2001 (09.02.2001)**

(25) en (26) en

(30) 09/531,821 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SERVER MONITORING USING VIRTUAL POINTS OF PRESENCE
• SYSTEME DE SURVEILLANCE DE SERVEUR UTILISANT DES POINTS DE PRESENCE VIRTUELS

(71) **MERCURY INTERACTIVE CORPORATION** [US/US]; 1325 Borregas Avenue, Sunnyvale, CA 94089 (US).

(72) **LEVY, Eli**; 60 Habanim Street, 46379 Herzelia (IL).

(74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson and Bear, LLP, 16th Floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 11/30, 15/173**

(11) **WO 01/71499** (13) A1

(21) PCT/US01/07629

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) en (26) en

(30) 60/190,326 **16 Mar/mar 2000** US **(16.03.2000)**

(30) 09/766,343 **19 Jan/jan 2001** US **(19.01.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND SYSTEM FOR DYNAMIC NETWORK INTRUSION MONITORING, DETECTION AND RESPONSE
• PROCEDE ET SYSTEME DE SURVEILLANCE, DE DETECTION ET DE REACTION DYNAMIQUES EN CAS D'INTRUSION DANS UN RESEAU

(71) **COUNTERPANE INTERNET SECURITY, INC.** [US/US]; 3031 Tisch Way, 100 Plaza East, San Jose, CA 95128 (US).

(72) **SCHNEIER, Bruce**; 101 East Minnehaha Parkway, Minneapolis, MN 55419 (US). **GROSS, Andrew, H.**; 1055 Coleman Road, #2309, San Jose, CA 95123 (US). **CALLAS, Jonathan, D.**; 1781 Wema Way, San Jose, CA 95124 (US).

(74) **LAURIE, Ronald, S.** et al. / etc.; Skadden, Arps, Slate, Meagher & Flom LLP, 525 University Avenue, Palo Alto, CA 94301 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA

(BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 11/30**

(11) **WO 01/71500** (13) A1

(21) PCT/US01/08347

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 60/191,350 **22 Mar/mar 2000** US **(22.03.2000)**

(30) 09/681,217 **27 Feb/fév 2001** US **(27.02.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • REDUCED ACCESS FIELD INSPECTION SYSTEM AND APPARATUS
• SYSTEME ET APPAREIL D'INSPECTION DE ZONE A ACCES REDUIT

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **CORBY, Nelson, Raymond, Jr.**; 813 Charles Street, Scotia, New York 12302 (US). **HEDENGREN, Kristina, Helena, Val**; 2120 Baker Avenue East, Schenectady, NY 12309 (US).

(74) **MITCHELL, James, W.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) BR SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[6] **G06F 11/34, 3/00, 9/45**

(11) **WO 01/71501** (13) A1

(21) PCT/US01/09387

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/192,244 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR STORING CHANGES TO FILE ATTRIBUTES WITHOUT HAVING TO STORE AN ADDITIONAL COPY OF THE FILE CONTENTS
• PROCEDE ET APPAREIL POUR LE STOCKAGE DE CHANGEMENTS APPORTES AUX ATTRIBUTS D'UN FICHIER, SANS STOCKAGE D'UNE COPIE SUPPLEMENTAIRE DU CONTENU DU FICHIER

(71) **INTERWOVEN INC.** [US/US]; 1195 West Fremont Avenue, Suite 2000, Sunnyvale, CA 94087 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YEE, Terrence** [US/US]; Suite 2000, 1195 West Fremont Avenue, Sunnyvale, CA 94087 (US).

(74) **WESTBERG, Derek, J.**; Stevens & Westberg LLP, 99 North First Street, Suite 201, San Jose, CA 95113 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 11/36**

(11) **WO 01/71502** (13) A1

(21) PCT/IB00/00338

(22) **23 Mar/mar 2000 (23.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF AND SYSTEM FOR TESTING SOFTWARE IN COMPUTERS
• PROCEDE ET SYSTEME DESTINES A TESTER UN LOGICIEL DANS DES ORDINATEURS

(71) **SUN MICROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, Palo Alto, CA 94303 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KRUGER, Stephen** [ZA/FR]; 7, rue Vicat, F-38000 Grenoble (FR).

(74) **PLAÇAIS, Jean-Yves**; Cabinet Netter, 40, rue Vignon, F-75009 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 12/00, 13/00, 17/30**

(11) **WO 01/71503** (13) A1

(21) PCT/JP01/01913

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) ja (26) ja

(30) 2000-83291 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INFORMATION DISPLAY, INFORMATION RECORDED MEDIUM, AND INFORMATION PROVIDING APPARATUS
• SYSTEME D'AFFICHAGE D'INFORMATIONS, SUPPORT D'ENREGISTREMENT D'INFORMATIONS ET DISPOSITIF FOURNISSANT DES INFORMATIONS

(71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KATO, Kosuke** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **MIYASHITA, Hidehisa** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **HARADA, Tadanori** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) **KOIKE, Akira** et al. / etc.; No.11 Mori Bldg., 6-4, Toranomon 2-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 12/00**

(11) **WO 01/71504** (13) A1

(21) PCT/US00/07502

(22) **21 Mar/mar 2000 (21.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROGRAMMABLE MULTIPLE WORD WIDTH CAM ARCHITECTURE
• ARCHITECTURE PROGRAMMABLE DE MEMOIRES AUTO-ASSOCIATIVES POUR MOTS DE PLUSIEURS LARGEURS

(71) **EMPOWERTEL NETWORKS, INC.** [US/US]; 2345 North First Street, San Jose, CA 95131 (US).

(72) **VOELKEL, Eric, H.**; 2345 North First Street, San Jose, CA 95131 (US).

(74) **SAKO, Bradley, T.**; 3954 Loch Lomand Way, Livermore, CA 94550 (US).

(81) CA JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **G06F 12/00**

(11) **WO 01/71505** (13) A1

(21) PCT/US01/09107

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/191,310 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MEMORY MANAGEMENT APPARATUS AND METHOD

• APPAREIL ET PROCEDE DE GESTION DE MEMOIRE

(71) **PARTHUS TECHNOLOGIES PLC** [IE/IE]; 32-34 Harcourt Street, Dublin 2 (IE).
(for all designated States except / pour tous les États désignés sauf US ZW)

(71) **PARTHUS (US), INC.** [US/US]; Suite 150, 2033 Gateway Place, San Jose, CA 95110 (US).
(only for / seulement pour ZW)

(72, 75) **DOYLE, John, Michael** [IE/IE]; Ahane, Knocknagoshel, Co. Kerry (IE). **MCQUILLAN, Stephen** [IE/IE]; 5A Musgrave Park Court, Belfast BT9 7HZ (GB). **O'BYRNE, Sean, Desmond** [IE/IE]; No. 1 Sandyford Hall Drive, Kilgobbin Road, Sandyford, Dublin 18 (IE).

(74) **MALLIE, Michael, J.**; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 12/02**

(11) **WO 01/71506** (13) A1

(21) PCT/IB01/00329

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) en (26) en

(30) 00810253.5 **24 Mar/mar 2000** EP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR DISTINGUISHING REACHABLE OBJECTS AND NON-REACHABLE OBJECTS IN AN OBJECT-BASED APPLICATION
• TECHNIQUE ET DISPOSITIF PERMETTANT DE DISTINGUER DES OBJETS ACCESSIBLES ET DES OBJETS NON ACCESSIBLES DANS UNE APPLICATION A BASE D'OBJETS

(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) **BAENTSCH, Michael** [DE/CH]; Sihlwaldstrasse 4, CH-8135 Langnau (CH). **BUHLER, Peter** [DE/CH]; Muehlestrasse 39, CH-8803 Rueschlikon (CH). **EIRICH, Thomas** [DE/CH]; Zopfstrasse 16, CH-8804 Au (CH). **HOERING, Frank** [DE/CH]; Culmannstrasse 39, CH-8006 Zurich (CH). **OESTREICHER, Marcus** [DE/CH]; Kernstrasse 34, CH-8004 Zurich (CH).

(74) **KLETT, Peter, Michael**; International Business Machines Corporation, Saeumerstrasse 4/Postfach, CH-8803 Rueschlikon (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 12/08**

(11) **WO 01/71507** (13) A1

(21) PCT/US01/40348

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,848 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 09/764,336 **16 Jan/jan 2001** US **(16.01.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INTERFACE FOR PRESENTING INFORMATION
• INTERFACE POUR PRESENTER DES INFORMATIONS

(71) **SIFTOLOGY** [US/US]; 1102 Forest, Palo Alto, CA 94301 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZERNIK, Uri** [—/US]; 2231 South Court, Palo Alto, CA 94301 (US). **ZERNIK, Dror** [—/IL]; D'Israeli Street 57A, 34333 Haifa (IL). **MYERSDORF, Doron** [—/US]; 972 Marquette Lane, Foster City, CA 94404 (US).

(74) **EAKIN, James, E.** et al. / etc.; McDermott, Will & Emery, 2700 Sand Hill Road, Menlo Park, CA 94025 (US).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G06F 12/16**

(11) **WO 01/71508** (13) A1

(21) PCT/US01/09259

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/192,244 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF AND APPARATUS FOR RECOVERY OF IN-PROGRESS CHANGES MADE IN A SOFTWARE APPLICATION
• PROCEDE ET APPAREIL POUR LA REPRISE DE CHANGEMENTS EN COURS EFFECTUES DANS UNE APPLICATION LOGICIELLE

(71) **INTERWOVEN INC.** [US/US]; 1195 West Fremont Ave., Suite 2000, Sunnyvale, CA 94087 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRADSHAW, Robert** [US/US]; 1195 West Fremont Ave., Suite 2000, Sunnyvale, CA 94087 (US). **JIA, Jack** [US/US]; 1195 West Fremont Ave., Suite 2000, Sunnyvale, CA 94087 (US). **PARK, Britt** [US/US]; 1195 West Fremont Ave., Suite 2000, Sunnyvale, CA 94087 (US). **SULLY, John** [US/US]; 1195 West Fremont Ave., Suite 2000, Sunnyvale, CA 94087 (US).

(74) **STEVENS, David, R.**; Stevens & Westberg LLP, 99 North First Street, Suite 201, San Jose, CA 95113 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 13/00, 12/00**

(11) **WO 01/71509** (13) A1

(21) PCT/JP01/02231

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-82481 **23 Mar/mar 2000** JP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INFORMATION COMMUNICATION SYSTEM
• SYSTEME DE COMMUNICATION D'INFORMATIONS

(71) **SHARP KABUSHIKI KAISHA** [JP/JP]; 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MATSUI, Toshio** [JP/JP]; 3-12-13-101, Saijochuo, Higashihiroshima-shi, Hiroshima 739-0025 (JP). **YAMAGUCHI, Tsuyoshi** [JP/JP]; 2-13,12-433, Hachihonmatsuhigashi, Higashihiroshima-shi, Hiroshima 739-0142 (JP).

(74) **FUJIMOTO, Eisuke** et al. / etc.; Fujimoto Patent & Law Office, Sanno Grand Building 3F, Room 317, 14-2, Nagata-cho 2-chome, Chiyoda-ku, Tokyo 100-0014 (JP).

(81) AU CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G06F 13/00**

(11) **WO 01/71510** (13) A2

(21) PCT/US01/07199

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) en (26) en

(30) 09/527,908 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND DEVICE PERTAINING TO DATA TRANSFER
• PROCEDE ET DISPOSITIF RELATIFS AU TRANSFERT DE DONNEES

(71) **SONY ELECTRONICS, INC.** [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).

(72) **STONE, Glen, D.**; 18301 Idylwild Road, Los Gatos, CA 95030 (US). **SMYERS, Scott, D.**; 6170 Mancuso Street, San Jose, CA 95120 (US). **FAIRMAN, Bruce, A.**; 275 Martinez Road, Woodside, CA 94062 (US).

(74) **GALLENSON, Mavis** et al. / etc.; Ladas & Parry, 5670 Wilshire Boulevard, Suite 2100, Los Angeles, CA 90036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 13/00**

(11) **WO 01/71511** (13) A2

(21) PCT/US01/07911

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 09/532,383 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INTEGRATED CIRCUIT HAVING DISTRIBUTED CONTROL AND STATUS REGISTERS AND ASSOCIATED SIGNAL ROUTING MEANS
• CIRCUIT INTEGRE A REGISTRES DE CONTROLE ET D'ETAT DISTRIBUES ET MOYENS DE ROUTAGE DE SIGNAUX ASSOCIES

(71) **SUN MICROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, Palo Alto, CA 94303 (US).

(72) **SCHULZ, Jurgen, M.**; 3439 Virgil Circle, Pleasanton, CA 94588 (US).

(74) **KIVLIN, B., Noel**; Conley, Rose & Tayon, P.C., P.O. Box 398, Austin, TX 78767-0398 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 13/00**

(11) **WO 01/71512** (13) A1

(21) PCT/US01/09204

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,707 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • EXTENSIBLE INFORMATION DISTRIBUTION MECHANISM FOR SESSION MANAGEMENT
• MECANISME DE DISTRIBUTION D'INFORMATIONS EXTENSIBLE POUR GESTION DE SESSIONS

(71) **FRAUNHOFER CENTER FOR RESEARCH IN COMPUTER GRAPHICS, INC.** [US/US]; 321 South Main Street, Providence, RI 02903 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HALEY, Michael** [ZA/US]; 518 B Street, Apartment 4, San Rafael, CA 94901 (US). **KARLE, Lars, B.** [SE/US]; 275 Sea Meadow Dr, Portsmouth, RI 02871 (US).

(74) **NELSON, Gordon, E.**; 57 Central St., P.O. Box 782, Rowley, MA 01969 (US).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G06F 13/00**

(11) **WO 01/71513** (13) A1

(21) PCT/US01/09592

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/534,146 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CENTRALIZED SYSTEM FOR DISTRIBUTED CONTENT MANAGEMENT OF AN INTERNET OR INTRANET SITE
• SYSTEME CENTRALISE DE GESTION DE CONTENU REPARTI D'UN SITE INTERNET OU INTRANET

(71) **THE UAB RESEARCH FOUNDATION** [US/US]; AB 1120 G, 3rd Avenue South, Birmingham, AL 35294 (US).

(72) **SNOW, Henry, Robert, III**; 3115 Altaloma Cove, Vestavia Hills, AL 35216 (US). **GLAZKOV, Dimitri, A.**; 203 Meadow Croft Circle, Birmingham, AL 35242 (US). **GLAZKOV, Tatyana, Y.**; 203 Meadow Croft Circle, Birmingham, AL 35242 (US).

(74) **GACHE, Russell, Carter**; Sirote & Permutt, P.C., P.O. Box 55727, Birmingham, AL 35255-5727 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 13/38**

(11) **WO 01/71514** (13) A2

(21) PCT/US01/08926

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/190,815 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A COMMUNICATION INTERFACE SYSTEM, METHOD AND APPARATUS
• SYSTÈME, PROCÉDÉ ET APPAREIL RELATIFS À UNE INTERFACE DE COMMUNICATION

(71) **SIEMENS ENERGY & AUTOMATION, INC.** [US/US]; 3333 Old Milton Parkway, Alpharetta, GA 30005-4437 (US).

(72) **MASSIE, Michael, Ross**; 440 Springfield Drive, Bristol, TN 37620 (US). **MCNUTT, Alan, D.**; 2902 Newbern Drive, Johnson City, TN 37604 (US).

(74) **ASPERAS, I., Marc** et al. / etc.; Siemens Corporation, Intellectual Property Department, 186 Wood Avenue South, Iselin, NJ 08830 (US).

(81) CA MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G06F 15/00**

(11) **WO 01/71515** (13) A1

(21) PCT/JP00/01819

(22) **24 Mar/mar 2000 (24.03.2000)**

(25) ja (26) ja

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR PREVENTING UNAUTHORIZED SIMULTANEOUS ACCESS TO NETWORK AND SERVER SYSTEM USED THEREFOR
• PROCEDE POUR EMPECHER UN ACCES SIMULTANE NON AUTORISE A UN RESEAU ET SYSTEME SERVEUR UTILISE A CET EFFET

(71) **KABUSHIKIKAISHA I-BROADCAST** [JP/JP]; 4-33, Roppongi 1-chome, Minato-ku, Tokyo 106-0032 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **UEDA, Takuyu** [JP/JP]; Kabushikikaisha I-broadcast, 4-33, Roppongi 1-chome, Minato-ku, Tokyo 106-0032 (JP). **LAZAROU, Yannis** [GR/JP]; Kabushikikaisha I-broadcast, 4-33, Roppongi 1-chome, Minato-ku, Tokyo 106-0032 (JP).

(74) **KOBAYASHI, Masaharu**; Daiichiazuma Building, 4-5, Iwamotocho 3-chome, Chiyoda-ku, Tokyo 101-0032 (JP).

(81) AE AU BR CA CN ID IL IN JP KR MN MX NO NZ RU SG TR US ZA.

(84) EP (AT CH DE DK ES FI FR GB GR IT LU NL PT SE).

(51)[7] **G06F 15/00, 17/60**

(11) **WO 01/71516** (13) A1

(21) PCT/JP01/02329

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-128648 **23 Mar/mar 2000** JP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR PERSONAL IDENTIFICATION
• PROCEDE ET DISPOSITIF D'IDENTIFICATION PERSONNELLE

(71) **TIETECH CO., LTD.** [JP/JP]; 13-1, Chikamadori 2-chome, Minami-ku, Nagoya-shi, Aichi 457-0071 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **HASHIMOTO, Hideki** [JP/JP]; Rupinas Akasaka Nogizaka 302, 5-27, Akasaka 9-chome, Minato-ku, Tokyo 107-0052 (JP).

(72, 75) **FUKATSU, Hirokazu** [JP/JP]; c/o TIETECH CO., LTD., 13-1, Chikamadori 2-chome, Minami-ku, Nagoya-shi, Aichi 457-0071 (JP).

(74) **OKADA, Hidehiko** et al. / etc.; Nagoya Chamber of Commerce, & Industry Building, 10-19, Sakae 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0008 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G06F 15/00**

(11) **WO 01/71517** (13) A1

(21) PCT/US00/07313

(22) **17 Mar/mar 2000 (17.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NETWORK NAVIGATION METHODS AND SYSTEMS USING AN ARTICLE OF MAIL
• PROCEDES ET SYSTEMES DE NAVIGATION DANS LE RESEAU, AU MOYEN D'UN ARTICLE DE COURRIER

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **REBER, William, L.**; 1029 Bucaneer Road, #6, Schaumburg, IL 60916 (US). **PERTTUNEN, Cary, D.**; 11764 Raintree Court, Shelby Township, MI 48315 (US).

(74) **GAUGER, James, E.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 15/02, 1/16**

(11) **WO 01/71518** (13) A1

(21) PCT/NL01/00239

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 1014720 **22 Mar/mar 2000** NL **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ELECTRONIC BRIEFCASE
• PORTE-DOCUMENTS ELECTRONIQUE

(71, 72) **TESSÉNYI, Géza** [NL/FR]; 44, rue de Chambord, F-67000 Strasbourg (FR).

(74) **'T JONG, Bastiaan, Jacobus**; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 15/16**

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(21) PCT/JP01/02337

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 2000-082686 **23 Mar/mar 2000** JP **(23.03.2000)**

(30) 2000-396191 **26 Dec/déc 2000** JP **(26.12.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • IMAGE PROCESSING APPARATUS AND METHOD
• APPAREIL ET PROCEDE DE TRAITEMENT D'IMAGES

(71) **SONY COMPUTER ENTERTAINMENT INC.** [JP/JP]; 1-1, Akasaka 7-chome, Minato-ku, Tokyo 107-0052 (JP).

(72) **EBIHARA, Hitoshi**; c/o SONY COMPUTER ENTERTAINMENT INC., 1-1, Akasaka 7-chome, Minato-ku, Tokyo 107-0052 (JP). **SATO, Kazumi**; c/o SONY COMPUTER ENTERTAINMENT INC., 1-1, Akasaka 7-chome, Minato-ku, Tokyo 107-0052 (JP). **MOKUNO, Masakazu**; c/o SONY COMPUTER ENTERTAINMENT INC., 1-1, Akasaka 7-chome, Minato-ku, Tokyo 107-0052 (JP). **HARA, Hideki**; c/o SONY COMPUTER ENTERTAINMENT INC., 1-1, Akasaka 7-chome, Minato-ku, Tokyo 107-0052 (JP).

(74) **SUZUKI, Seigoh**; Shiba NK Bldg. 4th Floor, 22-7, Shiba 3-chome, Minato-ku, Tokyo 105-0014 (JP).

(81) AU BR CA CN JP KR MX NZ RU SG.

(84) EP (BE CH DE DK ES FI FR GB IT NL SE).

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(51)[7] **G06F 15/16**

(11) **WO 01/71520** (13) A1

(21) PCT/US01/40361

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/192,244 **22 Mar/mar 2000** US **(22.03.2000)**

(30) 60/205,805 **17 May/mai 2000** US **(17.05.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR AUTOMATICALLY DEPLOYING DATA IN A COMPUTER NETWORK
• METHODE ET DISPOSITIF DE DEPLOIEMENT AUTOMATIQUE DE DONNEES DANS UN RESEAU INFORMATIQUE

(71) **INTERWOVEN INC.** [US/US]; 1195 West Fremont Ave., Suite 2000, Sunnyvale, CA 94087 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRADSHAW, Robert** [US/US]; 1195 West Fremont Ave., Suite 2000, Sunnyvale, CA 94087 (US). **COCHRANE, Kevin** [US/US]; 1195 West Fremont Ave., Suite 2000, Sunnyvale, CA 94087 (US). **CUAN, Bill** [US/US]; 1195 West Fremont Ave., Suite 2000, Sunnyvale, CA 94087 (US). **PARK, Britt** [US/US]; 1195 West Fremont Ave., Suite 2000, Sunnyvale, CA 94087 (US).

(74) **STEVENS, David, R.**; Stevens & Westberg LLP, 99 North First Street, Suite 201, San Jose, CA 95113 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 15/16, H04J 3/16**

(11) **WO 01/71521** (13) A1

(21) PCT/US01/07855

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 09/534,421 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR PROVIDING A DISTRIBUTED ARCHITECTURE DIGITAL WIRELESS COMMUNICATION SYSTEM

- PROCEDE ET APPAREIL FOURNISSANT UN SYSTEME DE COMMUNICATIONS SANS FIL NUMERIQUE A ARCHITECTURE DISTRIBUEE

(71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **CUDAK, Mark**; 3318 Chestnut Drive, McHenry, IL 60050 (US). **GHOSH, Amitava**; 289 Hunter Court, Vernon Hills, IL 60061 (US). **CLASSON, Brian, K.**; 124 Red Cedar Drive, Stremwood, IL 60107 (US). **LOVE, Robert, T.**; 817 South Hough Street, Barrington, IL 60010 (US). **JALLOUL, Louay**; #104, 1501 Churchill Drive, Palatine, IL 60067 (US). **NIKIDES, Robert, S.**; 902 Horseshoe Court, Carol Stream, IL 60188 (US).

(74) **BETHARDS, Charles, W.**; Motorola, Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 15/16**

(11) **WO 01/71522** (13) A1

(21) PCT/US01/08555

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/190,107 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INTEGRATED REAL TIME AND POLLED ELECTRONIC MESSAGING SYSTEM AND METHOD

- SYSTEME DE MESSAGERIE ELECTRONIQUE INTEGRE EN TEMPS REEL ET A APPELS SELECTIFS ET TECHNIQUE CORRESPONDANTE

(71) **MOTIENT COMMUNICATIONS INC.** [US/US]; 10802 Parkridge Boulevard, Reston, VA 20191-5416 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOGLUND, Robert, S.** [US/US]; 10802 Parkridge Boulevard, Reston, VA 20191-5416 (US). **POPOWSKI, Donald, M.** [US/US]; 10802 Parkridge Boulevard, Reston, VA 20191-5416 (US). **SANKARANARAYANAN, Vels** [IN/US]; 10802 Parkridge Boulevard, Reston, VA 20191-5416 (US).

(74) **DONNER, Irah** et al. / etc.; Hale and Dorr LLP, 1455 Pennsylvania Avenue, N.W., Washington, DC 20004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 15/16**

(11) **WO 01/71523** (13) A1

(21) PCT/US01/08857

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,689 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TRANSPARENT USER AND SESSION MANAGEMENT FOR WEB APPLICATIONS

- GESTION TRANSPARENTE DES UTILISATEURS ET DES SESSIONS DANS DES APPLICATIONS WEB

(71) **HOTLENS.COM INC.** [US/US]; Suite 3113, 350 Fifth Avenue, New York, NY 10118 (US).

(72) **CHIANG, Hiang-Swee**; 5405 83rd Street, Elmhurst, NY 11373 (US).

(74) **PEZZANO, Tony, V.** et al. / etc.; Morgan & Finnegan, L.L.P., 345 Park Avenue, New York, NY 10154 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 15/16, 17/30, H04L 12/46, H04J 3/24**

(11) **WO 01/71524** (13) A1

(21) PCT/US01/09440

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,237 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND SYSTEM FOR PROVIDING MULTIMEDIA INFORMATION ON DEMAND OVER WIDE AREA NETWORKS

- PROCEDE ET SYSTEME PERMETTANT DE METTRE A DISPOSITION DES INFORMATIONS MULTIMEDIA A LA DEMANDE, PAR L'INTERMEDIAIRE DE RESEAUX LONGUE DISTANCE

(71) **YOTTA YOTTA, INC.** [US/US]; Suite 201, 4030 Lake Washington Boulevard, NE, Kirkland, WA 98033 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KARPOFF, Wayne, T.** [CA/CA]; 678 Estate Drive, Sherwood Park, Alberta T8B 1M4 (CA).

(74) **GRAY, Gerald, T.** et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 15/16**

(11) **WO 01/71525** (13) A1

(21) PCT/US01/09617

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,614 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD FOR MANAGING USER-SPECIFIC DATA

- SYSTEME ET PROCEDE DE GESTION DE DONNEES SPECIFIQUES A L'UTILISATEUR

(71) **TINGO INC.** [US/US]; 27 Pinewood Court, San Mateo, CA 94403 (US).

(72) **DRAGULEV, Zvetan**; Strassergasse 8-12/1/7, A-1190 Vienna (AT). **MINK, Barnabas**; Appologasse 20/8, A-1070 Vienna (AT).

(74) **PARK, Eunhee** et al. / etc.; Baker & McKenzie, 805 Third Avenue, New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/00**

(11) **WO 01/71526** (13) A2

(21) PCT/CA01/00359

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/531,516 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM FOR RANKING FINANCIAL UNDERWRITERS
• SYSTEME DE CLASSEMENT DE COURTIERS DE VALEURS

(71, 72) **HENLEY, Christopher, M.** [CA/CA]; 351 Chartwell Road, Oakville, Ontario L6J 4A2 (CA).

(74) **GOWAN, Gerald, A.**; 627 Lyons Lane, Suite 204, Oakville, Ontario L6J 5Z7 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/00**

(11) **WO 01/71527** (13) A2

(21) PCT/CA01/00361

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 2,302,063 **23 Mar/mar 2000** CA **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ERGONOMIC CHAIR
• CHAISE ERGONOMIQUE

(71) **CKE TECHNOLOGIES INC.** [CA/CA]; 2835 Sabourin Street, St. Laurent, Québec H4S 1M9 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72) **COWAN, Benjamin** (deceased / décédé).

(72, 75) **KMICIKIEWICZ, Marek** [CA/CA]; 2100 Chomedey Street, Apt. 301, Montreal, Québec H3H 2A9 (CA).

(74) **MITCHELL, Robert** et al. / etc.; Swabey Ogilvy Renault, Suite 1600, 1981 McGill College Avenue, Montréal, Québec H3A 2Y3 (CA).

(81) DE GB JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G06F 17/00**

(11) **WO 01/71528** (13) A2

(21) PCT/DE01/00794

(22) **2 Mar/mar 2001 (02.03.2001)**

(25) de (26) de

(30) 100 14 089.0 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR AUTOMATICALLY ALLOCATING A NETWORK PLANNING PROCESS TO AT LEAST ONE COMPUTER
• PROCEDE PERMETTANT D'ATTRIBUER AUTOMATIQUEMENT UN PROCESSUS DE PLANIFICATION DE RESEAU A AU MOINS UN ORDINATEUR

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GREMMELMAIER, Ulrich** [DE/DE]; Kerschensteinerstrasse 140, 82110 Germering (DE). **JOCHER, Peter** [DE/DE]; Schönblick 17, 85276 Pfaffenhofen (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) CA HU IN PL US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G06F 17/00**

(11) **WO 01/71529** (13) A2

(21) PCT/GB01/01206

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 0006721.5 **20 Mar/mar 2000** GB **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ASSESSMENT METHODS AND SYSTEMS
• PROCEDES ET SYSTEMES D'EVALUATION

(71, 72) **MITCHELL, Thomas, Anderson** [GB/GB]; Rodmell, Deanwood Road, Jordans, Beaconsfield, Buckinghamshire HP9 2UU (GB).

(74) **KENNEDYS PATENT AGENCY LIMITED**; Queens House, 5th Floor, 29 St. Vincent Place, Glasgow G1 2DT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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 17/00**

(11) **WO 01/71530** (13) A2

(21) PCT/IB01/00366

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 09/528,841 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MARKETING CHANNEL USING PROFILE SELLING
• CANAL DE COMMERCIALISATION APPLIQUANT LE MODE DE VENTE SELON LES PROFILS

(71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

(71) **NOKIA INC.** [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).
(only for / seulement pour LC)

(72) **VÄNSKÄ, Marko**; Vuorimiehenkatu 4A23, FIN-Helsinki (FI).

(74) **STUART, Michael, C.**; Cohen, Pontani, Lieberman & Pavane, 551 Fifth Avenue, Suite 1210, New York, NY 10176 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/00**

(11) **WO 01/71531** (13) A2

(21) PCT/JP01/02299

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 2000-80752 **22 Mar/mar 2000** JP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF ANALYZING CHEMICAL PROCESSES
• PROCEDE D'ANALYSE DE PROCESSUS CHIMIQUES

(71) **NIPPON CHEMICAL INDUSTRIAL CO., LTD.** [JP/JP]; 11-1, Kameido 9-chome, Koto-ku, Tokyo 136-8515 (JP). **OLI SYSTEMS, INC.** [US/US]; American Enterprise Park, 108 American Road, Morris Plains, NJ 07950 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMAZAKI, Yasuo** [JP/JP]; c/o NIPPON CHEMICAL INDUSTRIAL CO., LTD., 11-1, Kameido 9-chome, Koto-ku, Tokyo 136-8515 (JP). **TURNER, Hamp** [US/US]; c/o OLI SYSTEMS, INC., American Enterprise Park, 108 American Road, Morris Plains, NJ 07950 (US).

(74) **GOTO, Masaki**; Shoyu-Kaikan, 3-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) AU CA JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **G06F 17/00, 19/00**

(11) **WO 01/71532** (13) A1

(21) PCT/KR00/00251

(22) **23 Mar/mar 2000 (23.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • WEBSITE FOR MARINE TRANSPORTATION AND ITS RELATED INDUSTRY WHICH ENABLE SUBSCRIBER TO UPLOAD DATA AND USER TO SEARCH THE SAME
• SITE WEB POUR TRANSPORT MARITIME ET INDUSTRIE ASSOCIEE PERMETTANT A UN ABONNE DE TELECHARGER DES DONNEES ET A UN UTILISATEUR DE FAIRE DES RECHERCHES

(71, 72) **HWANG, Juk-Yon** [KR/KR]; 1643-30, Seocho-Dong, Seocho-Ku, Seoul 137-070 (KR).

(74) **SHIN, Joong-Hoon** et al. / etc.; Room #302, Dong-A Villart 2 Town, 1678-2, Seocho-Dong, Seocho-Ku, Seoul 137-070 (KR).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/00**

(11) **WO 01/71533** (13) A2

(21) PCT/US00/32222

(22) **24 Nov/nov 2000 (24.11.2000)**

(25) en (26) en

(30) 09/528,319 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MAKING USE OF INFORMATION IN PATENT APPLICATIONS
• EXPLOITATION D'INFORMATIONS SE TROUVANT DANS DES DEMANDES DE BREVET

(71, 72) **FUJII, Masaki** [JP/US]; 115 Alaqua Drive, Sewickley, PA 15143 (US).

(74) **DRYJA, Michael, A.**; Law Offices of Michael Dryja, 704 228th Avenue NE, PMB 694, Sammamish, WA 98074 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/00**

(11) **WO 01/71534** (13) A2

(21) PCT/US01/02163

(22) **23 Jan/jan 2001 (23.01.2001)**

(25) en (26) en

(30) 09/526,352 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD OF RESERVING CARGO SPACE ON AIRCRAFT FLIGHTS
• SYSTEME PROCEDE DE RESERVATION D'UN ESPACE DANS LA SOUTE SUR DES VOLS D'AERONEFS

(71) **CARGORESERVATIONS.COM, INC.** [US/US]; 6250 Hazeltine National Drive, Suite 112, Orlando, FL 32822 (US).

(72) **FOX, Peter, F.**; 950 Lancaster Drive, Orlando, FL 32806 (US).

(74) **WARTHER, Richard, K.**; Allen, Dyer, Doppelt, Milbrath & Gilchrist, P.A., 255 South Orange Avenue, Suite 1401, P.O. Box 3791, Orlando, FL 32802-3791 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/00**

(11) **WO 01/71535** (13) A2

(21) PCT/US01/03277

(22) **1 Feb/fév 2001 (01.02.2001)**

(25) en (26) en

(30) 60/191,697 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 09/588,630 **6 Jun/juin 2000** US **(06.06.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AUTOMATED TARGET-MARKET SAMPLER
• ECHANTILLONNEUR DE MARCHE CIBLE AUTOMATISE

(71) **VIVIDENCE CORPORATION** [US/US]; Suite 500, 1850 Gateway Drive, San Mateo, CA 94404 (US).

(72) **PATTERSON, Jim**; 2325 Washington Street #101, San Francisco, CA 94115 (US). **BIRMAN, Misha**; 305 Douglas Street, San Francisco, CA 94114 (US). **LORANCE, John**; 832 Haight Street #2, San Francisco, CA 94117 (US). **KETCHPEL, Stephen**; 1034 Pine Street #3, Menlo Park, CA 94025 (US). **TAN, Joseph**; 4150 Caesar Chavez #5, San Francisco, CA 94131 (US). **ELLIOT, Mike**; 1000 Escalon #3030, Sunnyvale, CA 94086 (US). **RISHER, Mark**; 2769A Bryant, San Francisco, CA 94110 (US). **WONG, Karen**; 279 Vine Street, San Carlos, CA 94070-2009 (US). **IVATT, Gareth**; 876 Haight Street #2, San Francisco, CA 94117 (US). **VENKATRAMAN, Maya**; 590 Avocet Drive, Redwood Shores, CA 94065 (US). **HIRSCHFELD, Brian**; 4302A 23rd Street, San Francisco, CA 94114 (US). **DURAN, Raul**; 1240 21st Avenue #7, San Francisco, CA 94122 (US).

(74) **GLENN, Michael** et al. / etc.; Glenn Patent Group, 3475 Edison Way, Suite L., Menlo Park, CA 94025 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/00**

(11) **WO 01/71536** (13) A2

(21) PCT/US01/07834

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 09/528,457 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD FOR MULTI-PARTY CONSTRAINED OPTIMIZATION
• SYSTEME ET PROCEDE D'OPTIMISATION SOUS CONTRAINTES FAISANT INTERVENIR PLUSIEURS PARTIES

(71) **I2 TECHNOLOGIES, INC.** [US/US]; 11701 Luna Road, Dallas, TX 74234 (US).

(72) **DALAL, Mukesh**; 2508 Timber Ridge Lane, Flower Mound, TX 75028 (US).

(74) **KENNERLY, Christopher, W.**; Baker & Botts, L.L.P., 2001 Ross Avenue, Dallas, TX 75201-2980 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/00**

(11) **WO 01/71537** (13) A2

(21) PCT/US01/07835

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 09/534,915 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD FOR MANAGING EVENT PUBLICATION AND SUBSCRIPTION
• SYSTEME ET PROCEDE DE GESTION DE LA PUBLICATION ET DE LA SOUSCRIPTION D'EVENEMENTS

(71) **i2 TECHNOLOGIES, INC.** [US/US]; 11701 Luna Road, Dallas, TX 75234 (US).

(72) **WHIPPLE, Mark, B.**; 110 North Clinton, Dallas, TX 75208 (US).

(74) **KENNERLY, Christopher, W.**; Baker Botts L.L.P., 2001 Ross Avenue, Dallas, TX 75201-2980 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/00**

(11) **WO 01/71538** (13) A2

(21) PCT/US01/08384

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/531,950 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD FOR NON-PROGRAMMING DEVELOPMENT OF RULES USED IN THE TRANSFORMATION OF WEB-BASED INFORMATION
• SYSTEME ET PROCEDE DE DEVELOPPEMENT DE REGLES HORS PROGRAMMATION UTILISEES DANS LA CONVERSION D'INFORMATIONS WEB

(71) **QUACK.COM** [US/US]; 360 West Caribbean Avenue, MV-007, Sunnyvale, CA 94089 (US).

(72) **CARRIERE, Steven, Jeromy**; Apartment 4302, 651 Franklin Street, Mountain View, CA 94041 (US). **WOODS, Steven, Gregory**; Apartment 2320, 900 High School Way, Mountain View, CA 94041 (US). **SELLINK, Martin, P., A.**; 1053 Chico Court, Sunnyvale, CA 94086 (US).

(74) **GLENN, Michael, A.** et al. / etc.; Glenn Patent Group, 3475 Edison Way, Suite L, Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/00**

(11) **WO 01/71539** (13) A2

(21) PCT/US01/08407

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/528,363 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD FOR AUTOMATICALLY FORWARDING EMAIL AND EMAIL EVENTS VIA A COMPUTER NETWORK TO A SERVER COMPUTER
• SYSTEME ET PROCEDE PERMETTANT DE TRANSMETTRE AUTOMATIQUEMENT DES MESSAGES ELECTRONIQUES ET DES EVENEMENTS D'UN MESSAGE ELECTRONIQUE VIA UN RESEAU INFORMATIQUE A UN SERVEUR

(71) **VISTO CORPORATION** [US/US]; 2071 Stierlin Court, Mountain View, CA 94043 (US).

(72) **NG, Mason**; 217 Ada Avenue #11, Mountain View, CA 94043 (US). **MENDEZ, Daniel, J.**; 275 Gloria Circle, Menlo Park, CA 94025 (US). **QUINLAN, Sean, M.**; 155 Haight Street #211, San Francisco, CA 94102 (US).

(74) **SOCKOL, Marc, A.** et al. / etc.; Squire, Sanders & Dempsey L.L.P., 600 Hansen Way, Palo Alto, CA 94304-1043 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/00**

(11) **WO 01/71540** (13) A2

(21) PCT/US01/08487

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/189,983 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHODS AND SYSTEMS FOR LINKING AN ELECTRONIC ADDRESS TO A PHYSICAL ADDRESS OF A CUSTOMER
• PROCEDES ET SYSTEMES DESTINES A RELIER UNE ADRESSE ELECTRONIQUE A UNE ADRESSE PHYSIQUE D'UN CLIENT

(71) **UNITED STATES POSTAL SERVICE** [US/US]; 475 L'Enfant Plaza, S.W., Room 6344, Washington, DC 20260-1135 (US).

(72) **COOK, Jon, L.**; 203 Yoakum Parkway, Apt. #1014, Alexandria, VA 22304 (US). **ORBKE, Wayne, H.**; 2685 Hackscross Road, Germantown, TN 38138 (US).

(74) **GARRETT, Arthur, S.** et al. / etc.; Finnegan, Henderson, Farabow Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/00**

(11) **WO 01/71541** (13) A2

(21) PCT/US01/08492

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/189,983 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHODS AND SYSTEMS FOR PROVIDING AN ELECTRONIC ACCOUNT TO A CUSTOMER
• PROCEDES ET SYSTEMES SERVANT A OUVRIR UN COMPTE ELECTRONIQUE POUR UN CLIENT

(71) **UNITED STATES POSTAL SERVICE** [US/US]; 475 L'Enfant Plaza, S.W., Room 6344, Washington, DC 20260-1135 (US).

(72) **CAMPBELL, Leo, J.**; 4263 South 35th Street, Arlington, VA 22206 (US). **COOK, Jon, L.**; 203 Yoakum Park, Apt. 1014, Alexander, VA 22304 (US). **ORBKE, Wayne, H.**; 2685 Hackscross Road, Germantown, TN 38138 (US). **RAY, Christine**; 2019 34th Street, SE, Washington, DC 20020 (US). **ROGERSON, Cathy, M.**; 7316 Wayne Drive, Annandale, VA 22003-1741 (US).

(74) **GARRETT, Arthur, S.** et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/00**

(11) **WO 01/71542** (13) A2

(21) PCT/US01/08577

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/531,949 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD FOR THE TRANSFORMATION AND CANONICALIZATION OF SEMANTICALLY STRUCTURED DATA
• SYSTEME ET PROCEDE DE TRANSFORMATION ET DE CANONISATION DE DONNEES SEMANTIQUEMENT STRUCTUREES

(71) **QUACK.COM** [US/US]; 360 W. Caribbean Avenue, MV-007, Sunnyvale, CA 94089 (US).

(72) **KOMINEK, John, Michael**; Apartment 103, 210 Calderon Avenue, Mountain View, CA 94041 (US). **CARRIERE, Steven, Jeromy**; Apartment 4302, 651 Franklin Street, Mountain View, CA 94041 (US). **WOODS, Steven, Gregory**; Apartment 2320, 900 HIgh School Way, Mountain View, CA 94041 (US).

(74) **GLENN, Michael, A.**; Glenn Patent Group, 3475 Edison Way, Suite L, Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/00**

(11) **WO 01/71543** (13) A2

(21) PCT/US01/08748

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/532,509 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD FOR USING VOICE OVER A TELEPHONE TO ACCESS, PROCESS, AND CARRY OUT TRANSACTIONS OVER THE INTERNET
• SYSTEME ET PROCEDE D'UTILISATION D'UN TELEPHONE POUR ACCEDER A DES TRANSACTIONS, LES TRAITER ET LES EFFECTUER SUR L'INTERNET

(71) **QUACK.COM** [US/US]; 360 West Caribbean Avenue, MV-007, Sunnyvale, CA 94089 (US).

(72) **CARRIERE, Steven, Jeromy**; Apartment 4302, 651 Franklin Street, Mountain View, CA 94041 (US). **QUILICI, Alexander, E.**; 1044 9th Street, Suite #5, Santa Monica, CA 90403 (US). **WOODS, Steven, Gregory**; Apartment 2320, 900 HIgh School Way, Mountain View, CA 94041 (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 BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/00**

(11) **WO 01/71544** (13) A2

(21) PCT/US01/08814

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/190,430 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND DEVICES FOR RECORDING CHANGES IN VISUAL STIMULI OBSERVED THROUGH BROWSER-BASED INTERFACES
• PROCEDES ET DISPOSITIFS PERMETTANT D'ENREGISTRER DES MODIFICATIONS DE STIMULI VISUELS OBSERVEES GRACE A DES INTERFACES FONDEES SUR UN NAVIGATEUR

(71) **XENO DEVELOPMENT INC.** [US/US]; 1245 South Main Street, Grapevine, TX 76051 (US).

(72) **CRAIN, Kenneth, H.**; 500 Huntersridge Ct., Irving, TX 75063 (US). **VANOVER, William, K.**; 1001 Muscadine Vine Lane, Crowley, TX 76036 (US).

(74) **THRASHER, Steven, W.**; Jackson Walker L.L.P., 2435 N. Central Expessway #600, Richardson, TX 75080 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/00**

(11) **WO 01/71545** (13) A2

(21) PCT/US01/08976

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/531,882 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEMS AND METHODS FOR ANALYZING NETWORK TRAFFIC
• SYSTEMES ET PROCEDES D'ANALYSE DE TRAFIC DE RESEAU

(63) US 09/531,882 (CON) 21 Mar/mar 2000 (21.03.2000)

(71) **GENUITY INC.** [US/US]; 3 Vandegraff Drive, Mail Stop 25/40C, Burlington, MA 01803 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TORRES, Marcelo, Javier** [US/US]; 78 Kirkland Street #1, Cambridge, MA 02138 (US).

(74) **FEIGENBAUM, David, L.** et al. / etc.; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/00**

(11) **WO 01/71546** (13) A2

(21) PCT/US01/09459

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,633 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • USING LEAD-TIMES AND USAGE RATES TO DETERMINE INVENTORY REORDER POINTS AND LEVELS
• UTILISATION DES DELAIS D'APPROVISIONNEMENT ET DES TAUX D'UTILISATION POUR DETERMINER DES SEUILS ET DES NIVEAUX DE REAPPROVISIONNEMENT DE STOCKS

(71) **IGETSMART.COM, INC.** [US/US]; 276 Park Avenue South, New York, NY 10010 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **RESH, Mark** [US/US]; 3701 East Virginia Beach Boulevard, Norfolk, VA 23502 (US).

(74) **HOLMES, Craig** et al. / etc.; Hickman Palermo Truong & Becker, LLP, 1600 Willow Street, San Jose, CA 95125 (US).

(81) AU CA MX US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G06F 17/11, 17/50, 19/00**

(11) **WO 01/71547** (13) A1

(21) PCT/US01/09531

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,896 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 60/213,659 **23 Jun/juin 2000** US **(23.06.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR PREDICTING STRUCTURE OF TRANSMEMBRANE PROTEINS
• PROCEDE ET APPAREIL DE PREDICTION DE LA STRUCTURE DE PROTEINES TRANSMEMBRANAIRES

(71) **CALIFORNIA INSTITUTE OF TECHNOLOGY** [US/US]; 1200 East California Boulevard, Mail Code 201-85, Pasadena, CA 91125 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAIDEHI, Nagarajan** [IN/US]; 1555 North Santa Anita Avenue, Arcadia, CA 91006 (US). **FLORIANO, Wely, B.** [BR/US]; 2238 Galbreth Road, Pasadena, CA 91104 (US). **SINGER, Michael** [US/US]; P.O. Box 201079 Yale Station, New Haven, CT 06520 (US). **SHEPHERD, Gordon** [US/US]; 333 Cedar Street SHM C303, P.O. Box 208001, New Haven, CT 06520 (US). **GODDARD, William, A., III** [US/US]; 950 Arden Road, Pasadena, CA 91106 (US).

(74) **PORTER, Timothy, A.**; Fish & Richardson P.C., 2200 Sand Hill Road #100, Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **G06F 17/15**

(11) **WO 01/71548** (13) A1

(21) PCT/FR01/00801

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) fr (26) fr

(30) 00/03597 **20 Mar/mar 2000** FR **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR ESTIMATING A CORRELATION MATRIX OF INTERFERING SIGNALS RECEIVED THROUGH A SENSOR ARRAY
• PROCEDE D'ESTIMATION D'UNE MATRICE DE CORRELATION DE SIGNAUX INTERFERENTS REçUS PAR UN RESEAU DE CAPTEUR

(71) **THOMSON-CSF** [FR/FR]; 173, boulevard Haussman, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHEVALIER, Pascal** [FR/FR]; Thomson-CSF Propriété Intellectuelle, 13, Avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR). **PIPON, François** [FR/FR]; Thomson-CSF Propriété Intellectuelle, 13, Avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).

(74) **DUDOUIT, Isabelle**; Thomson-CSF Propriété Intellectuelle, 13, avenue du Prés. Salvador Allende, F-94117 Arcueil Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/21**

(11) **WO 01/71549** (13) A1

(21) PCT/JP00/01677

(22) **17 Mar/mar 2000 (17.03.2000)**

(25) ja (26) ja

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMPUTER-READABLE RECORDED MEDIUM ON WHICH DOCUMENT CREATING PROGRAM IS RECORDED, DOCUMENT CREATING SYSTEM, AND DOCUMENT CREATING METHOD
• SUPPORT ENREGISTRE LISIBLE PAR ORDINATEUR SUR LEQUEL EST ENREGISTRE UN PROGRAMME DE CREATION DE DOCUMENTS, ET SYSTEME ET PROCEDE DE CREATION DE DOCUMENTS

(71) **FUJITSU LIMITED** [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(72) **TANABE, Takashi**; Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **FUJIYA, Chiaki**; Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **SAKAMOTO, Kaoru**; Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) **SASAJIMA, Fujio**; Toranomon 1-chome Mori Building, 19-5, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) JP KR.

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(51)[7] **G06F 17/24**

(11) **WO 01/71550** (13) A1

(21) PCT/US01/08698

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/190,195 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD FOR DISPLAYING SPREADSHEET CELL FORMULAS IN TWO DIMENSIONAL MATHEMATICAL NOTATION
• SYSTEME ET PROCEDE PERMETTANT D'AFFICHER DES FORMULES CELLULAIRES DE TABLEUR SOUS FORME D'UNE NOTATION MATHEMATIQUE BIDIMENSIONNELLE

(71) **UNIVERSAL TECHNICAL SYSTEMS, INC.** [US/US]; Suite 700, 202 W. State St., Rockford, IL 61101 (US).
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(71, 72) **MARATHE, Sharad, M.** [US/US]; 2902 Hanford Drive, Rockford, IL 61114 (US).

(74) **WINGATE, Kevin, L.** et al. / etc.; Leydig, Voit & Mayer Ltd., Suite 300, 6815 Weaver Road, Rockford, IL 61114 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/24, 17/30**

(11) **WO 01/71551** (13) A1

(21) PCT/US01/09308

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/532,713 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD FOR CHANGING ITEMS ON AN INTERNET WEB SITE
• SYSTEME ET PROCEDE DE MODIFICATION D'ARTICLES SUR UN SITE WEB DE L'INTERNET

(71) **HCA MARKETING INC.** [US/US]; 5931 Melshire Drive, Dallas, TX 75230 (US).

(72) **COLEMAN, Jason**; 920 Mountain Terrace, Hurst, TX 76053 (US).

(74) **THRASHER, Steven, W.**; Jackson Walker L.L.P., 2435 N. Central Expressway, #600, Richardson, TX 75080 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/30**

(11) **WO 01/71552** (13) A2

(21) PCT/DE01/00896

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) de (26) de

(30) 100 14 090.4 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND COMMUNICATION SYSTEM FOR PROVIDING GEOGRAPHIC DATA DURING THE RETRIEVAL OF INFORMATION FROM THE WWW/WAP
• PROCEDE ET SYSTEME DE COMMUNICATION SERVANT A METTRE A DISPOSITION DES DONNEES GEOGRAPHIQUES LORSQUE DES DEMANDES D'INFORMATIONS SONT FAITES SUR LE WWW/WAP

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(72, 75) **RIEGEL, Maximilian** [/]; Maxfeldstr. 24 a, 90409 Nürnberg (DE).

(81) AU CA CN IN JP RU US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G06F 17/30**

(11) **WO 01/71553** (13) A1

(21) PCT/FR01/00898

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) fr (26) fr

(30) 00/03699 **23 Mar/mar 2000** FR **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND SYSTEM FOR MANAGING ELECTRONIC BOOKS ON A COMMUNICATION NETWORK, IN PARTICULAR INTERNET
• PROCEDE ET SYSTEME POUR GERER DES LIVRES ELECTRONIQUES SUR UN RESEAU DE COMMUNICATION, NOTAMMENT INTERNET

(63) US 09/594,824 (CIP)
16 Jun/juin 2000 (16.06.2000)

(71) **KEEBOO CORPORATION** [US/US]; 483 Seaport Court, Suite 101, Redwood City, CA 94063 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VERRECCHIA, Thierry** [FR/FR]; 23, rue de Neuville, F-95000 Cergy (FR). **CHARROUX, Alain** [FR/FR]; 153, rue d'Alésia, F-75014 Paris (FR). **FRACHON, Fabrice** [FR/FR]; 3 Résidence Guillaume de Voisin, F-91190 Gif sur Yvette (FR). **SAFARS, Michel** [FR/FR]; 25 rue Juliette Adam, F-91190 Gif sur Yvette (FR). **SILVESTRE DE SACY NOUGARET DURAFORT, Pierre** [FR/FR]; 121, rue Saint Lazare, F-75008 Paris (FR).

(74) **ALLANO, Sylvain** et al. / etc.; Pontet Allano & Associes S.E.L.A.R.L., 25, rue Jean Rostand, Parc-Club Orsay-Université, F-91893 Orsay Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/30**

(11) **WO 01/71554** (13) A2

(21) PCT/GB01/01226

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 0006606.8 **20 Mar/mar 2000** GB **(20.03.2000)**

(30) 0014462.2 **9 Jun/juin 2000** GB **(09.06.2000)**

(30) 0022289.3 **8 Sep/sep 2000** GB **(08.09.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • IMPROVEMENTS IN AND RELATING TO METHODS OF ACCESSING AND USING WEB-PAGES
• AMELIORATIONS RELATIVES A DES PROCEDES D'ACCES ET D'UTILISATION DE PAGES WEB

(71) **COMODO TECHNOLOGY DEVELOPMENT LIMITED** [GB/GB]; 10 Hey Street, Bradford, West Yorkshire BD7 1DQ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ABDULHAYOGLU, Melih** [TR/GB]; 10 Hey Street, Bradford, West Yorkshire BD7 1DQ (GB).

(74) **BRANDON, Paul, Laurence**; Appleyard Lees, 15 Clare Road, Halifax, West Yorkshire HX1 2HY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/30**

(11) **WO 01/71555** (13) A1

(21) PCT/GB01/01262

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 0006972.4 **22 Mar/mar 2000** GB **(22.03.2000)**

(30) 00304860.0 **8 Jun/juin 2000** EP **(08.06.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DATA ACCESS
• ACCES DE DONNEES

(71) **VENATION LIMITED** [GB/GB]; Adastral Park, Ipswich, Suffolk IP5 3RE (GB).

(72) **EVANS, Paul, Andrew**; Flat 3, 54 Anglesea Road, Ipswich, Suffolk IP1 3PW (GB). **COBLEY, Richard**; 11 Church Close, West Bergholt, Chichester, Essex CO6 3JZ (GB).

(74) **CARTER, Stephen, John**; Olswang, 90 Long Acre, London WC2E 9TT (GB).

(81) AE AG AL AM AT AZ BA BB BG BR BY BZ CH CN CO CR CU CZ DK DM DZ EE ES FI GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DK ES FI GR IE IT LU MC NL PT TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/30**

(11) **WO 01/71556** (13) A1

(21) PCT/GB01/00934

(22) **5 Mar/mar 2001 (05.03.2001)**

(25) en (26) en

(30) 0006972.4 **22 Mar/mar 2000** GB **(22.03.2000)**

(30) 00304860.0 **8 Jun/juin 2000** EP **(08.06.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DATA ACCESS
• ACCES A DES DONNEES

(71) **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY** [GB/GB]; 81 Newgate Street, London EC1A 7AJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EVANS, Paul, Andrew** [GB/GB]; Flat 3, 54 Anglesea Road, Ipswich, Suffolk IP1 3PW (GB). **COBLEY, Richard, John** [GB/GB]; 11 Church Close, West Bergholt, Colchester, Essex CO6 3JZ (GB).

(74) **ROBERTS, Simon, Christopher**; BT Group Legal Services, Intellectual Property Department, Holborn Centre, 8th floor, 120 Holborn, London EC1N 2TE (GB).

(81) AU CA JP SG US.

(84) EP (DE FR GB SE).

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(51)[7] **G06F 17/30**

(11) **WO 01/71557** (13) A2

(21) PCT/IB01/00239

(22) **22 Feb/fév 2001 (22.02.2001)**

(25) en (26) en

(30) 09/531,534 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD FOR DELIVERY AND UPDATING OF REAL-TIME DATA
• SYSTEME ET PROCEDE DE DISTRIBUTION ET DE MISE A JOUR DE DONNEES EN TEMPS REEL

(71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 ESPOO (FI).

(71) **NOKIA INC** [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).
(only for / seulement pour LC)

(72) **MADAN, Hemant**; Aapelinkatu 9 I 80, FIN-02230 Espoo (FI). **MAKIPAA, Mikko**; Ilmarinkatu 12 B 28, FIN-00100 Helsinki 10 (FI). **BELETSKI, Oleg**; Vattuniemenkatu 4 E 89, FIN-00210 Helsinki (FI).

(74) **STOUT, Donald, E.** et al. / etc.; Antonelli, Terry, Stout & Kraus, LLP, Suite 1800, 1300 North Seventeenth Street, Arlington, VA 22209 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/30, 13/00, G06T 1/00**

(11) **WO 01/71558** (13) A1

(21) PCT/JP00/01789

(22) **23 Mar/mar 2000 (23.03.2000)**

(25) ja (26) ja

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • IMAGE RETRIEVAL/DISTRIBUTION SYSTEM AND IMAGE RETRIEVAL/DISTRIBUTION METHOD
• SYSTEME ET PROCEDE D'EXTRACTION/DE DISTRIBUTION D'IMAGES

(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) **MORIYA, Yoshimi** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **NISHIKAWA, Hirofumi** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **YAMADA, Yoshihisa** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **OGAWA, Fuminobu** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **ASAI, Kohtaro** [JP/JP]; 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 BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/30**

(11) **WO 01/71559** (13) A2

(21) PCT/JP00/06875

(22) **3 Oct/oct 2000 (03.10.2000)**

(25) en (26) en

(30) 2000-82673 **23 Mar/mar 2000** JP **(23.03.2000)**

(30) 2000-274259 **11 Sep/sep 2000** JP **(11.09.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD FOR INTERMEDIATING INFORMATION
• SYSTEME ET PROCEDE D'ENTREMISE D'INFORMATIONS

(71) **CASIO COMPUTER CO., LTD.** [JP/JP]; 6-2, Hon-machi 1-chome, Shibuya-ku, Tokyo 151-8543 (JP).

(72) **SAKAMAKI, Katsuya**; 26-29, Takamatsu-cho 2-chome, Tachikawa-shi, Tokyo 190-0011 (JP). **OMATA, Shingo**; 39-13-201, Shinmeidai 1-chome, Hamura-shi, Tokyo 205-0023 (JP). **WAKUI, Kazuhiko**; 1202, Fussa, Fussa-shi, Tokyo 197-0011 (JP).

(74) **KOMIZO, Satoshi**; Kyohan Building, 7th floor, 7, Kandanishiki-cho 2-chome, Chiyoda-ku, Tokyo 101-0054 (JP).

(81) AU CN KR.

(84) EP (BE DE FR GB IT NL).

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(51)[7] **G06F 17/30, G01J 3/46**

(11) **WO 01/71560** (13) A1

(21) PCT/JP01/02165

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ja (26) ja

(30) 2000-78489 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR IDENTIFYING GLITTERING MATERIAL IN PAINT
• PROCEDE PERMETTANT D'IDENTIFIER UNE SUBSTANCE BRILLANTE DANS DE LA PEINTURE

(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) **MASUDA, Yutaka** [JP/JP]; 13-13-302, Kugenuma-hanazawacho, Fujisawa-shi, Kanagawa 251-0023 (JP).

(74) **ODAJIMA, Heikichi** et al. / etc.; Odajima Patent Office, Nippon Jitensha Bldg., 9-15, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) CA CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G06F 17/30**

(11) **WO 01/71561** (13) A1

(21) PCT/SE01/00632

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) sv (26) en

(30) 0000984-5 **22 Mar/mar 2000** SE **(22.03.2000)**

(30) 0004831-4 **22 Dec/déc 2000** SE **(22.12.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A DATA STORING METHOD AND DATA STORING STRUCTURE
• PROCEDE ET STRUCTURE DE MISE EN MEMOIRE DE DONNEES

(71, 72) **ROSÉN, Barbara** [SE/SE]; Solstigen 22, S-131 46 Nacka (SE). **LEMBKE, Stefan** [SE/SE]; Tallmätaregatan 18, S-731 54 Köping (SE). **MOLIN, Sören** [SE/SE]; Box 148, S-101 22 Stockholm (SE).

(74) **LINDÉN, Stefan** et al. / etc.; Bergenstråhle & Lindvall AB, Box 17704, S-118 93 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/30**

(11) **WO 01/71562** (13) A2

(21) PCT/US01/40326

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/528,428 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SEARCH SYSTEM AND METHOD THEREFOR
• SYSTEME DE RECHERCHE ET PROCEDE ASSOCIE

(71, 72) **SPERBER, Joseph, J.** [US/US]; 18 Glenhurst Court, Gaithersburg, MD 20878 (US).

(74) **CHICOINE, Caroline, G.** et al. / etc.; Thompson Coburn LLP, One Firstar Plaza, Saint Louis, MO 63101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR

HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/30**

(11) **WO 01/71563** (13) A1

(21) PCT/US01/08360

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/532,647 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR RETRIEVING INFORMATION FROM SEMI-STRUCTURED, WEB-BASED DATA SOURCES
• PROCEDE ET APPAREIL DE RECUPERATION D'INFORMATION A PARTIR DE SOURCES DE DONNEES WEB A DEMI STRUCTUREES

(71) **YODLEE.COM, INC.** [US/US]; 3600 Bridge Parkway, Suite 200, Redwood Shores, CA 94065 (US).

(72) **RAJAN, Sreeranga, P.**; 3475 Granada Avenue, #320, Santa Clara, CA 95051 (US). **PANDURANGAN, Senthil, Kumar**; 625 Teatree Court, San Jose, CA 95128 (US). **WU, Jonathan**; 167 Town Square Drive, Mountain View, CA 94043 (US).

(74) **BOYS, Donald, R.**; P.O. Box 187, Aromas, CA 95004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/30**

(11) **WO 01/71564** (13) A2

(21) PCT/US01/08361

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/532,134 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM FOR PROVIDING INFORMATION TO AN INTERESTED VIEWER, AND METHOD OF USE THEREOF
• SYSTEME DESTINE A FOURNIR DES INFORMATIONS A UN UTILISATEUR INTERESSE ET SON PROCEDE D'UTILISATION

(71) **LUMAPATH, INC.** [US/US]; Suite 650, Two Clock Tower Place, Maynard, MA 01754 (US).

(72) **GELFOND, Andrew, Lawrence**; 338 Winchester Street, Newton, MA 02461 (US). **JANOS, Joseph**; 45 Selwyn Road, Belmont, MA 02478 (US). **FITTERMAN, Michael, J.**; 47 Myrick Lane, Harvard, MA 01451 (US).

(74) **MILSTEIN, Joseph, B.**; Testa, Hurwitz & Thibeault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/30**

(11) **WO 01/71565** (13) A2

(21) PCT/US01/08580

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/531,952 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD FOR DETERMINING IF ONE WEB SITE HAS THE SAME INFORMATION AS ANOTHER WEB SITE
• SYSTEME ET PROCEDE POUR DETERMINER SI UN SITE WEB A LES MEMES INFORMATIONS QU'UN AUTRE SITE WEB

(71) **QUACK.COM** [US/US]; 360 W. Caribbean Avenue, MV-007, Sunnyvale, CA 94089 (US).

(72) **SELLINK, Martin, Paul, Alexander**; 1053 Chico Court, Sunnyvale, CA 94086 (US). **CARRIERE, Steven, Jeromy**; Apartment 4302, 651 Franklin Street, Mountain View, CA 94041 (US). **WOODS, Steven, Gregory**; Apartment 2320, 900 High School Way, Mountain View, CA 94041 (US).

(74) **GLENN, Michael, A.**; 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 BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/30**

(11) **WO 01/71566** (13) A1

(21) PCT/US01/08699

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/190,364 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 09/810,716 **16 Mar/mar 2001** US **(16.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • GENERATING COMPUTER CODE FOR A WEB APPLICATION
• GENERATION DE CODE INFORMATIQUE POUR APPLICATION WEB

(71) **HOTLENS.COM INC.** [US/US]; Suite 3113, 350 Fifth Avenue, New York, NY 10118 (US).

(72) **CHIANG, Hiang-Swee**; 5405 83rd Street, Elmhurst, NY 11373 (US).

(74) **PEZZANO, Tony, V.** et al. / etc.; Morgan & Finnegan, L.L.P., 345 Park Avenue, New York, NY 10154 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/30, H04L 12/28**

(11) **WO 01/71567** (13) A1

(21) PCT/US01/08822

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,633 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 09/812,442 **20 Mar/mar 2001** US **(20.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR DYNAMICALLY DISPLAYING BRAND INFORMATION IN A USER INTERFACE
• PROCEDE D'AFFICHAGE DYNAMIQUE D'INFORMATIONS DE MARQUE DANS UNE INTERFACE UTILISATEUR

(71) **AT & T CORP.** [US/US]; 32 Avenue of the Americas, New York, NY 10013-2412 (US).

(72) **CAROLAN, Sean, E.**; 203 Violet Lane, Jackson, NJ 08527 (US). **GARRETT, John, W.**; 411 Mathers Lane, Neshanic Station, NJ 08853 (US). **KALMANEK, Charles, Robert, Jr.**; 86 Great Hills Road, Short Hills, NJ 07078 (US). **NGUYEN, Han, Q.**; 2 Tharp Lane, Malboro, NJ 07736 (US). **RAMAKRISHNAN, Kadangode, K.**; 9

Highland Circle, Berkeley Heights, NJ 07922 (US).

(74) **DWORETSKY, Samuel, H.** et al. / etc.; AT & T CORP., P.O. Box 4110, Middletown, NJ 07748-4110 (US).

(81) AU BR CA CN IL KR MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **G06F 17/30**

(11) **WO 01/71568** (13) A2

(21) PCT/US01/08925

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,616 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEMS AND METHODS FOR SIMULATING A WEB PAGE
• SYSTEMES ET PROCEDES DE SIMULATION D'UNE PAGE WEB

(71) **TRISCAN, INC.** [US/US]; 1245 Colonial Road, Hewlett, NY 11557 (US).

(72) **CAMBRIDGE, Vivien, Johan**; 100 Torrey Pines Court, Slidell, LA 70460 (US).

(74) **INGERMAN, Jeffrey, H.** et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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 17/30, 12/14, H04L 9/00**

(11) **WO 01/71569** (13) A1

(21) PCT/US01/09135

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,484 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • UNIFIED COMMUNICATIONS AND COMMERCE SYSTEMS AND METHODS, AND DEVICE THEREFORE
• SYSTEMES ET PROCEDES DE COMMERCE ET TELECOMMUNICATIONS UNIFIES ET DISPOSITIFS DESTINES A CET EFFET

(71, 72) **HABIB, Ali** [US/US]; 1291 Ballentare Farm Drive, McLean, VA 22001 (US).

(74) **WURM, Mark** et al. / etc.; Greenberg Traurig, LLP, 1750 Tysons Boulevard, 12th Floor, McLean, VA 22102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/30**

(11) **WO 01/71570** (13) A2

(21) PCT/US01/09232

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,354 **22 Mar/mar 2000** US **(22.03.2000)**

(30) 09/815,121 **22 Mar/mar 2001** US **(22.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DISTRIBUTED MULTIRESOLUTION GEOMETRY MODELING SYSTEM AND METHOD
• SYSTEME DE MODELISATION GEOMETRIQUE MULTIRESOLUTIONS DISTRIBUE ET PROCEDE ASSOCIE

(71) **SCHLUMBERGER LIMITED** [NL/US]; 277 Park Avenue, New York, NY 10172 (US).
(only for / seulement pour TR)

(71) **SCHLUMBERGER CANADA LIMITED** [CA/CA]; 24th Floor, Monenco Place, 801 6th Avenue, S.W., Calgary, Alberta T2P 3W2 (CA).
(only for / seulement pour CA)

(71) **PRAD RESEARCH AND DEVELOPMENT N.V** [NL/NL]; PO Box 812, De Ruyterkade 62, Willemstad, Curacao (AN).
(only for / seulement pour BF BJ CF CG CI CM DZ GA GN GW MA ML MR NE SN TD TG ZA)

(71) **SCHLUMBERGER SURENCO, S.A.** [PA/VE]; Torre Humboldt, Piso 13, Avenida Rio Caura, Pargue, Humboldt, 1080 Caracas (VE).
(only for / seulement pour BR)

(71) **SCHLUMBERGER TECHNOLOGY B.V.** [NL/NL]; Parkstraat 83-89, NL-2514 JG The Hague (NL).
(only for / seulement pour AM AT AU AZ BY BZ DE DK ES ID IE IT KG KP KR KZ MD MX NO NZ RU TJ TM)

(71) **SERVICES PETROLIERS SCHLUMBERGER** [FR/FR]; 42, rue Saint-Dominique, F-75007 Paris (FR).
(only for / seulement pour FR)

(71) **SCHLUMBERGER HOLDINGS LIMITED** [GB/GB]; PO Box 71, Craigmuir Chambers, Road Town, Tortola (VG).
(only for / seulement pour AE AG AL BA BB BE BG CH CR CU CY CZ DM EE FI GB GD GE GH GM GR HR HU IL IN IS JP KE LC LK LR LS LT LU LV MC MG MK MN MW MZ NL PL PT RO SD SE SG SI SK SL SZ TZ UA UG UZ VN YU ZW)

(71) **SCHLUMBERGER OVERSEAS S.A.** [PA/PA]; No. 8 Calle Aquilino de la Guardia, Panama City (PA).
(only for / seulement pour CN)

(71) **SCHLUMBERGER SERVICES LIMITED** [GB/GB]; 1st Fl., Bank of Nova Scotia Bldg., Wickhams Cay, Tortola (VG).
(only for / seulement pour TT)

(72) **HAMMERSLEY, Richard, P.**; 2802 Perry Lane, Austin, TX 78731 (US). **LU, Hong-Qian, (Karen)**; 6401 Deer Hollow Lane, Austin, TX 78750 (US).

(74) **JANSSON, Pehr, B.** et al. / etc.; Schlumberger Austin Technology Center, Intellectual Property Law Department, 8311 North FM 620 Road, Austin, TX 78726 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/30, 17/60**

(11) **WO 01/71571** (13) A1

(21) PCT/US01/09352

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/533,152 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD FOR THE CREATION OF VIRTUAL INFORMATION PACKAGES
• SYSTEME ET METHODE POUR CREATION DE PAQUETS VIRTUELS D'INFORMATIONS

(71) **VIRPACK.COM** [US/US]; Suite 201, 8605 Westwood Center Drive, Vienna, VA 22182 (US).

(72) **COAR, Michael, J.**; 1200 Meadow Green Lane, McLean, VA 22102 (US).

(74) **ROBERTS, Jon, L.** et al. / etc.; Roberts Abokhair and Mardula, LLC, Suite 1000, 11800 Sunrise Valley Drive, Reston, VA 20191 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI

FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/30**

(11) **WO 01/71572** (13) A2

(21) PCT/US01/09614

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,346 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR DYNAMIC INFORMATION CONNECTION ENGINE
• PROCEDE ET DISPOSITIF DESTINES A UN MOTEUR DE CONNEXION D'INFORMATIONS DYNAMIQUE

(63) US 60/191,346 (CIP) 22 Mar/mar 2000 (22.03.2000)

(71) **SIDESTEP, INC.** [US/US]; Building 10, 4701 Patrick Henry Drive, Santa Clara, CA 95054-1863 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BARTH, Brian, E.** [US/US]; 730A Middlefield Road, Palo Alto, CA 94301 (US). **GUNN, Lawrence, A.** [CA/US]; 4115 Feafel Drive, San Jose, CA 95134 (US). **IVEY, Glen, E.** [US/US]; 27901 Highway 20, Fort Bragg, CA 94537 (US). **JANSSENS, Marcel, D.** [US/US]; 934 Manor Way, Los Altos, CA 94024 (US). **KELLY, Stewart, A.** [US/US]; 3421 Granada Avenue #35, Santa Clara, CA 95051 (US). **LAVIN, Yingmei** [CN/US]; 666 Forest Avenue, Palo Alto, CA 94301 (US). **STEWART, Brent, J.** [US/US]; 1239 Valley Quail Circle, San Jose, CA 95120 (US). **WALDMAN, Gary, L.** [US/US]; 357 Centre Court, Alameda, CA 94502 (US). **WINKLER, Philipp, M., B.** [US/US]; 260 Belhaven, Daly City, CA 94015 (US).

(74) **GREGORY, Richard, L., Jr.**; Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304-1050 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60, H04L 12/58**

(11) **WO 01/71573** (13) A1

(21) PCT/AU01/00294

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) PQ 6277 **17 Mar/mar 2000** AU **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • EMAIL ALERT DEVICE AND METHOD
• DISPOSITIF ET PROCEDE D'ALERTE POUR COURRIER ELECTRONIQUE

(71) **NUC-ONE ENTERPRISES PTY LTD.** [AU/AU]; Suite 4, 20 Commercial Road, Melbourne, VIC 3004 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CRAMPTON, Les** [AU/AU]; Suite 4, 20 Commercial Road, Melbourne, VIC 3004 (AU).

(74) **WATERMARK PATENT & TRADEMARK ATTORNEYS**; 290 Burwood Road, Hawthorn, VIC 3122 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71574** (13) A1

(21) PCT/AU01/00324

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) PQ 6421 **24 Mar/mar 2000** AU **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • REPRESENTATION OF GOODS AND SERVICES
• REPRESENTATION DE PRODUITS ET SERVICES

(71, 72) **GREENWOOD, Paul** [AU/AU]; 1 Forsyth Street, Glebe, NSW 2047 (AU).

(74) **F B RICE & CO**; 605 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71575** (13) A2

(21) PCT/DE01/01034

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) de (26) de

(30) 100 13 317.7 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR ORDERING AND SHIPPING ITEMS
• PROCEDE DE COMMANDE ET D'ENVOI D'ARTICLES

(71) **SIEMENS PRODUCTION AND LOGISTICS SYSTEMS AG** [DE/DE]; Gleiwitzer Strasse 155, 90475 Nürnberg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROSENBAUM, Walter** [US/FR]; 3, Rue Eugène Labiche, F-75116 Paris (FR). **REICH, Karl** [DE/DE]; An der Kindswiese 12, 78315 Radolfzell-Markelfingen (DE).

(74) **SIEMENS PRODUCTION AND LOGISTICS SYSTEMS AG**; ZEDLITZ, Peter, Postfach 22 13 17, 80503 München (DE).

(81) AU CA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G06F 17/60**

(11) **WO 01/71576** (13) A2

(21) PCT/DE01/01035

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) de (26) de

(30) 100 13 497.1 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR ORDERING AND SHIPPING ITEMS
• PROCEDE DE COMMANDE ET D'ENVOI D'ARTICLES

(71) **SIEMENS PRODUCTION AND LOGISTICS SYSTEMS AG** [DE/DE]; Gleiwitzer Strasse 155, 90475 Nürnberg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROSENBAUM, Walter** [US/FR]; 3, rue Eugene Labiche, F-75116 Paris (FR). **REICH, Karl** [DE/DE]; An der Kindswiese 12, 78315 Radolfzell-Markelfingen (DE).

(74) **SIEMENS PRODUCTION AND LOGISTICS SYSTEMS AG**; Zedlitz, Peter, Postfach 22 13 17, 80503 München (DE).

(81) AU CA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G06F 17/60**

(11) **WO 01/71577** (13) A2

(21) PCT/EP01/03189

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) de (26) de

(30) 100 14 066.1 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR FINDING OBJECTS
• PROCEDE DE RECHERCHE D'OBJETS

(71) **DEFINIENS AG** [DE/DE]; Rindermarkt 7, 80331 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHMIDT, Günter** [DE/DE]; Jägerstrasse 11, 82008 Unterhaching (DE).

ALVERS, Michael [DE/DE]; Bayerischzellerstrasse 19, 81539 München (DE).

(74) **WINTER BRANDL FÜRNISS HÜBNER RÖSS KAISER POLTE**; Alois-Steinecker-Strasse 22, 85354 Freising (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G06F 17/60**

(11) **WO 01/71578** (13) A2

(21) PCT/GB01/01275

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 0006994.8 **23 Mar/mar 2000** GB **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD, APPARATUS AND PROGRAM FOR ELECTRONIC COMMERCE
• PROCEDE, APPAREIL ET PROGRAMME DE COMMERCE ELECTRONIQUE

(71) **WHITTAKER OVERSEAS LTD** [—/—]; P.O. Box 3161, Road Town, Turtola (VG). *(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **BEN-HAIM, Amit** [GB/GB]; Flat 7, 61 Pont Street, London SW1X 0BD (GB).

(74) **DOBLE, Richard, G., V.**; RD Patents Designs Copyright, 42 Denmark Road, Ealing, W13 8RG (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71579** (13) A1

(21) PCT/IB00/01350

(22) **21 Aug/août 2000 (21.08.2000)**

(25) en (26) en

(30) 2000/14572 **22 Mar/mar 2000** KR **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR BI-DIRECTIONALLY AUCTIONING BETWEEN BUYERS AND SELLERS USING COMPUTER NETWORK
• PROCEDE ET DISPOSITIF PERMETTANT LA VENTE AUX ENCHERES BIDIRECTIONNELLE ENTRE DES ACHETEURS ET DES VENDEURS PAR RESEAU INFORMATIQUE

(71, 72) **KIM, Jae, Kil** [KR/KR]; 81-24, Kookidong, Jongro-ku, Seoul 110-011 (KR).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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(51)[7] **G06F 17/60**

(11) **WO 01/71580** (13) A1

(21) PCT/IB00/01490

(22) **23 Aug/août 2000 (23.08.2000)**

(25) en (26) en

(30) 2000/14573 **22 Mar/mar 2000** KR **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR BI-DIRECTIONALLY AUCTIONING BETWEEN BUYERS AND SELLERS USING A COMPUTER NETWORK
• PROCEDE ET DISPOSITIF D'ENCHERES BIDIRECTIONNELLES ENTRE DES ACHETEURS ET DES VENDEURS AU MOYEN D'UN RESEAU INFORMATIQUE

(71, 72) **KIM, Jae, Kil** [KR/KR]; 81-24, Kookidong, Jongro-ku, Seoul 110-011 (KR).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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(51)[7] **G06F 17/60**

(11) **WO 01/71581** (13) A2

(21) PCT/IB01/00436

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/533,356 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROJECT MANAGEMENT VISUAL MEASUREMENT
• EVALUATION VISUELLE DE LA GESTION PREVISIONNELLE

(71) **ADC TELECOMMUNICATIONS ISRAEL LTD.** [IL/IL]; 10 Ha'Sadnaot Street, 46120 Herzliya (IL).

(72) **KFIR, Noam**; Kibbutz Yakum (IL). **LIBERMAN, Shlomi**; Carmel Street 34, Tzur-Yighai (IL).

(74) **LUZZATTO, Kfir** et al. / etc.; Luzzatto & Luzzatto, P.O. Box 5352, Beer-Sheva 84152 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71582** (13) A1

(21) PCT/IL00/00180

(22) **22 Mar/mar 2000 (22.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A METHOD AND SYSTEM FOR EXCHANGING USERS RELATED INFORMATION VIA THEIR COMMUNICATION SYSTEMS
• PROCEDE ET SYSTEME D'ECHANGE D'INFORMATION SE RAPPORTANT A DES UTILISATEURS VIA LEUR SYSTEME DE COMMUNICATIONS

(71) **DIRECT & CLEAR INC.** [IL/IL]; Reinhold Cohn & Partners, Ahad Ha'ham Street 21, 65151 Tel Aviv (IL). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PAGLIN, Neriel** [IL/IL]; Antokolski Street 8, 64044 Tel Aviv (IL).

(74) **REINHOLD COHN AND PARTNERS**; P.O. Box 4060, 61040 Tel Aviv (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71583** (13) A1

(21) PCT/IL01/00219

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) en (26) en

(30) 09/531,484 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 60/247,959 **14 Nov/nov 2000** US **(14.11.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD FOR INCREASING SECURITY OF ELECTRONIC MONETARY TRANSACTIONS
• SYSTEME ET PROCEDE PERMETTANT D'AUGMENTER LA SECURITE DES TRANSACTIONS MONETAIRES ELECTRONIQUES

(71, 72) **FRIEDMAN, Gabriel** [IL/IL]; 250 David Ben Gurion Road, 53326 Givataim (IL). **LEVY-ITZCHAK, Uri** [IL/IL]; 250 David Ben Gurion Road, 53326 Givataim (IL). **SHACHAR, Yitzhak** [IL/IL]; 19 Hanahal Street, 55905 Kfar Azar (IL).

(74) **G. E. EHRLICH (1995) LTD.**; 28 Bezalel Street, 52521 Ramat Gan (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71584** (13) A1

(21) PCT/JP00/06636

(22) **27 Sep/sep 2000 (27.09.2000)**

(25) ja (26) ja

(30) 2000-78449 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • APPARATUS AND METHOD FOR ISSUING MEDICAL FEE SPECIFICATIONS
• DISPOSITIF ET PROCEDE DESTINES A EMETTRE DES SPECIFICATIONS POUR DES HONORAIRES MEDICAUX

(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) **TAKADA, Yoichi** [JP/JP]; 3842-16, Fujimi 1-chome, Otawara-shi, Tochigi 324-0028 (JP). **YUZAWA, Chikayoshi** [JP/JP]; 2919-235, Nakaokamoto, Kawachi-machi, Kawachi-gun, Tochigi 329-1105 (JP). **MANIWA, Yuuji** [JP/JP]; 2-170-12, Nishimishima, Nishinasunomachi, Nasu-gun, Tochigi 329-2756 (JP).

(74) **SUZUYE, Takehiko** et al. / etc.; SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN JP KR SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **G06F 17/60**

(11) **WO 01/71585** (13) A1

(21) PCT/JP01/01692

(22) **5 Mar/mar 2001 (05.03.2001)**

(25) ja (26) ja

(30) 2000-81859 **17 Mar/mar 2000** JP **(17.03.2000)**

(30) 2000-115772 **11 Apr/avr 2000** JP **(11.04.2000)**

(30) 2000-301398 **29 Sep/sep 2000** JP **(29.09.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INVESTMENT SYSTEM AND DATA TRANSMITTING/RECEIVING METHOD
• SYSTEME D'INVESTISSEMENT ET PROCEDE DE TRANSMISSION/RECEPTION DE DONNEES

(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) **ISHII, Miruka** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **FUKUDA, Shingo** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) **KOIKE, Akira** et al. / etc.; No.11 Mori Bldg., 6-4, Toranomon 2-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G06F 17/60, 19/00**

(11) **WO 01/71586** (13) A1

(21) PCT/JP01/01888

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) ja (26) ja

(30) 2000-84013 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INFORMATION PROVIDING METHOD
• PROCEDE D'ACHEMINEMENT D'INFORMATIONS

(71, 72) **KITAMURA, Katsutoshi** [JP/JP]; Morita-Manshon 1-303, 1-14, Kurihara 5-chome, Niiza-shi, Saitama 352-0035 (JP).

(74) **MATSUYAMA, Keisuke** et al. / etc.; Minami-Shinjuku Bldg., 10-12, Yoyogi 2-chome, Shibuya-ku, Tokyo 151-0053 (JP).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G06F 17/60**

(11) **WO 01/71587** (13) A2

(21) PCT/JP01/02093

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 2000-77991 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD FOR DISTRIBUTING ADVERTISEMENTS
• SYSTEME ET PROCEDE DE DISTRIBUTION D'ANNONCES PUBLICITAIRES

(71) **CASIO COMPUTER CO., LTD.** [JP/JP]; 6-2, Hon-machi 1-chome, Shibuya-ku, Tokyo 151-8543 (JP).

(72) **INOUE, Masahiro**; 11-2-504, Takakura 4-chome, Iruma-shi, Saitama 358-0021 (JP). **HARUHARA, Kazuyoshi**; 813-10, Kabe-machi 1-chome, Ome-shi, Tokyo 198-0036 (JP).

(74) **KOMIZO, Satoshi**; 7th Floor, Kyohan Building, 7, Kandanishiki-cho 2-chome, Chiyoda-ku, Tokyo 101-0054 (JP).

(81) CA CN KR NO.

(84) EP (DE FI FR GB IT).

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(51)[7] **G06F 17/60**

(11) **WO 01/71588** (13) A1

(21) PCT/JP01/02172

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ja (26) ja

(30) 2000-80923 **22 Mar/mar 2000** JP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TICKET RESERVING/ISSUING SYSTEM
• SYSTEME DE RESERVATION ET D'EMISSION DE BILLETS

(71) **ZAK CORPORATION** [JP/JP]; Pastrale Jingumae Part2, 26-6, Jingumae 2-chome, Shibuya-ku, Tokyo 150-0001 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIYAZAKI, Kyoichi** [JP/JP]; 25-12, Seijo 1-chome, Setagaya-ku, Tokyo 157-0066 (JP).

(74) **NAKOSHI, Hideo** et al. / etc.; Ikuta & Nakoshi, Aoyama MS Bldg. 7F., 7-5, Jingumae 3-chome, Shibuya-ku, Tokyo 150-0001 (JP).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G06F 17/60**

(11) **WO 01/71589** (13) A1

(21) PCT/JP01/02175

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ja (26) ja

(30) 2000-77556 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CONTENTS CHARGING METHOD, CONTENTS CHARGING SYSTEM AND RECORDING MEDIUM RECORDING CONTENTS CHARGING PROGRAM
• PROCEDE ET SYSTEME D'IMPUTATION DE CONTENUS ET MOYEN D'ENREGISTREMENT POUR ENREGISTRER UN PROGRAMME D'IMPUTATION DE CONTENUS

(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) **TAKEDA, Kenji** [JP/JP]; c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).

(74) **YAMAKAWA, Masaki**; c/o Yamakawa International Patent Office, 8th Floor, Shuwa-Tameike Building, 4-2, Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-0014 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK

SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71590** (13) A1

(21) PCT/JP01/02274

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) ja (26) ja

(30) 2000-80453 **22 Mar/mar 2000 (22.03.2000)** JP

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMMUNICATION SYSTEM
• SYSTEME DE COMMUNICATION

(71) **VASARA RESEARCH INC.** [JP/JP]; 7F Harajuku Sofia Building, 10-11, Jinguumae 6-chome, Shibuya-ku, Tokyo 150-0001 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **NAGASHIMA, Michio** [JP/JP]; c/o VASARA RESEARCH INC., 7F Harajuku Sofia Building, 10-11, Jinguumae 6-chome, Shibuya-ku, Tokyo 150-0001 (JP). **MATSUMOTO, Takaaki** [JP/JP]; 4-14-3, Yamatocho, Nakano-ku, Tokyo 165-0034 (JP). **MORINAGA, Kazumi** [JP/JP]; c/o VASARA RESEARCH INC., 7F Harajuku Sofia Building, 10-11, Jinguumae 6-chome, Shibuya-ku, Tokyo 150-0001 (JP). **FUJII, Katsuma** [JP/JP]; c/o VASARA RESEARCH INC., 7F Harajuku Sofia Building, 10-11, Jinguumae 6-chome, Shibuya-ku, Tokyo 150-0001 (JP). **OGOSHI, Masami** [JP/JP]; c/o VASARA RESEARCH INC., 7F Harajuku Sofia Building, 10-11, Jinguumae 6-chome, Shibuya-ku, Tokyo 150-0001 (JP).

(74) **KOBASHI, Nobukiyo**; KOBASHI PATENT OFFICE, 4F, Ebisu MF Building 14th, 6-10, Ebisuminami 1-chome, Shibuya-ku, Tokyo 150-0022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71591** (13) A1

(21) PCT/JP01/02318

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-85164 **24 Mar/mar 2000 (24.03.2000)** JP

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ADVERTISING SYSTEM
• SYSTEME DE PUBLICITE

(71) **OPTIM CORPORATION** [JP/JP]; 223-1, Higashitakagi, Takagisecho, Saga-shi, Saga 849-0916 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SUGAYA, Syunji** [JP/JP]; 143-6, Oaza Bukuro, Honjocho, Saga-shi, Saga 840-0023 (JP).

(74) **SHIGA, Masatake** et al. / etc.; OR Building, 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71592** (13) A1

(21) PCT/KR00/01159

(22) **17 Oct/oct 2000 (17.10.2000)**

(25) ko (26) en

(30) 2000/15170 **24 Mar/mar 2000 (24.03.2000)** KR

(30) 2000/22923 **28 Apr/avr 2000 (28.04.2000)** KR

(30) 2000/55303 **20 Sep/sep 2000 (20.09.2000)** KR

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LOTTERY VISITING CARD AND METHOD FOR MANAGING WEB SITE THEREOF
• CARTE DE VISITE DE LOTERIE, ET PROCEDE DE GESTION DE SITE WEB

(71, 72) **CHUN, Hyeoung-Sung** [KR/KR]; Hanshin 16th Apartment 119-1108, Jamwon-Dong, Seocho-Gu, Seoul City 137-796 (KR).

(74) **KOO, Ja-Duk**; 1st Floor, Heungyong Building, Yoksam-Dong, Kangnam-Ku, Seoul City 035-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71593** (13) A1

(21) PCT/KR00/00336

(22) **12 Apr/avr 2000 (12.04.2000)**

(25) ko (26) en

(30) 2000/14286 **21 Mar/mar 2000 (21.03.2000)** KR

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF ELECTRONIC COMMERCE USING MILEAGE
• PROCEDE DE COMMERCE ELECTRONIQUE UTILISANT LE SYSTEME DES POINTS KILOMETRIQUES

(71, 72) **PARK, Ho, Seak** [KR/KR]; 110-406, Geukdong Apt., Sadang2-dong, Dongjak-ku, Seoul (KR).

(74) **LEE, Man, Jae**; Woosung Building, 3rd floor, 827-47, Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) AT AU BR CA CH CN DE DK ES FI GB ID IN JP KP LU MX NO NZ PT RU SE SG UA US VN ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **G06F 17/60**

(11) **WO 01/71594** (13) A1

(21) PCT/KR01/00331

(22) **5 Mar/mar 2001 (05.03.2001)**

(25) en (26) en

(30) 2000-14360 **21 Mar/mar 2000 (21.03.2000)** KR

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR FACILITATING COMMERCE BETWEEN BUYER AND SELLER
• PROCEDE ET SYSTEME FACILITANT LE COMMERCE ENTRE UN ACHETEUR ET UN VENDEUR

(71, 72) **LEE, Hong-Lyoul** [KR/KR]; Jangyon Building, 6F, 635-17, Yoksam-Dong, Kangnam-Gu, Seoul 135-080 (KR).

(74) **MOON, Doo-hyun**; Haesung Building, 11F, 942, Daechi-Dong, Kangnam-Gu, Seoul 135-283 (KR).

(81) CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G06F 17/60**

(11) **WO 01/71595** (13) A1

(21) PCT/KR01/00344

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) ko (26) en

(30) 2000/14171 **21 Mar/mar 2000 (21.03.2000)** KR

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ADVERTISEMENT PROVIDING SYSTEM BY USING A WIRELESS INTERNET AND METHOD THEREOF
• SYSTEME DE FOURNITURE D'ANNONCES PUBLICITAIRES UTILISANT UN INTERNET SANS FIL ET SON PROCEDE

(71, 72) **LEE, Jaewon** [KR/KR]; 113-407, Sinsigaji Apt. Mok-dong, Yangchun-Gu, Seoul 158-751 (KR).

(74) **YOON, Euiseoup**; Yoones & Co., 302, Namdo Building, 823-24 Yoksam-Dong, Kangnam-Gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71596** (13) A1

(21) PCT/KR01/00393

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) ko (26) en

(30) 2000/12975 **15 Mar/mar 2000** KR **(15.03.2000)**

(30) 2001/9365 **23 Feb/fév 2001** KR **(23.02.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INFORMATION PROVIDING METHOD HAVING AUTHENTIFICATION AGENT ON INTERNET AND EMBODYING SYSTEM THEREFOR
• METHODE DE FOURNITURE D'INFORMATIONS AVEC AGENT D'AUTHENTIFICATION SUR L'INTERNET ET SYSTEME A CET EFFET

(71, 72) **YOUN, Hyung-No** [KR/KR]; #1202, 103 dong, Life Apt., Saetbyeol-maeul, 34, Bundang-dong, Bundang-gu, Seongnam-Si, Gyeong-gi-do 463-748 (KR).

(74) **OH, Jong-Il**; #401, Myeongsin Bldg., 637-24 Yeoksam-dong, Gangnam-gu, Seoul 135-909 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71597** (13) A1

(21) PCT/KR01/00460

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) ko (26) en

(30) 2000/14758 **23 Mar/mar 2000** KR **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMMODITY GUARANTEE SYSTEM AND METHOD FOR ELECTRONIC COMMERCE
• SYSTEME DE GARANTIE POUR PRODUITS ET PROCEDE DE COMMERCE ELECTRONIQUE

(71, 72) **LEE, Sang-Jo** [KR/KR]; Samsung Apartment 132-804, Seohyun-dong 87, Bundan-ku, Seongnam-city, Kyungki-do 463-050 (KR).

(74) **KIM, Won-Ho**; Teheran Building, 825-33 Yoksam-dong, Kangnam-Ku, Seoul 135-080 (KR).

(81) CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G06F 17/60, 13/00, 17/30**

(11) **WO 01/71598** (13) A1

(21) PCT/KR01/00469

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ko (26) en

(30) 2000/14983 **24 Mar/mar 2000** KR **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PREFERENCE MANAGEMENT AGENCY SYSTEM AND METHOD FOR THE INTERNET INFORMATION USERS
• SYSTEME D'AGENCE DE GESTION DE PREFERENCES ET PROCEDE DESTINES AUX UTILISATEURS D'INFORMATIONS INTERNET

(71) **WEBPATTERN TECHNOLOGIES, INC.** [KR/KR]; 24th Floor, Techno-Office Building, 546-4 Kui-dong, Kwangjin-gu, Seoul 143-200 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PARK, Young-Chan** [KR/KR]; 326-1202 Olympic-Player-Town Apt., Bangi-dong, Songpa-gu, Seoul 138-050 (KR).

(74) **OH, Se-Joong**; Haeorom International Patent & Law Office, 1410 Yoksam Heights Building, 642-19 Yoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60, 12/08, 9/44**

(11) **WO 01/71599** (13) A1

(21) PCT/SG00/00073

(22) **13 Apr/avr 2000 (13.04.2000)**

(25) en (26) en

(30) 0001262-5 **18 Mar/mar 2000** SG **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SOFTGOODS DISTRIBUTION VIA A NETWORK
• DISTRIBUTION DE BIENS DE CONSOMMATION NON DURABLES VIA UN RESEAU

(71) **KENT RIDGE DIGITAL LABS** [SG/SG]; Straits Trading Building, 9 Battery Road #15-00, Singapore 049910 (SG).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PANG, Hwee, Hwa** [SG/SG]; 201 Tanjong Rhu Road #15-11, Singapore 436917 (SG). **LEONG, Mun, Kew** [SG/SG]; 11 Upper Bukit Timah View #08-02, Singapore 588137 (SG).

(74) **SHEENA, R., Jacob** et al. / etc.; Alban Tay Mahatani & De Silva, Raffles City Post Office, P.O. Box 0643, Singapore 911722 (SG).

(81) SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **G06F 17/60, 12/08, 9/44**

(11) **WO 01/71600** (13) A1

(21) PCT/SG00/00074

(22) **13 Apr/avr 2000 (13.04.2000)**

(25) en (26) en

(30) 200001263-3 **18 Mar/mar 2000** SG **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TRANSFER OF COMPUTING ENVIRONMENT
• TRANSFERT D'ENVIRONNEMENT INFORMATIQUE

(71) **KENT RIDGE DIGITAL LABS** [SG/SG]; 9 Battery Road, #15-00 Straits Trading Building, Singapore 049910 (SG).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PANG, Hwee, Hwa** [SG/SG]; 201 Tanjong Rhu Road #15-11, Singapore 439617 (SG).

(74) **SHEENA, R., Jacob** et al. / etc.; Alban Tay Mahtani & De Silva, P.O. Box 0643, Raffles City Post Office, Singapore 911722 (SG).

(81) SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **G06F 17/60**

(11) **WO 01/71601** (13) A1

(21) PCT/US00/30450

(22) **6 Nov/nov 2000 (06.11.2000)**

(25) en (26) en

(30) 09/532,273 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ELECTRONIC COMMERCE ENABLED AGGREGATION FOR FACILITATING INTERNATIONAL COMMERCE
• REGROUPEMENT PAR COMMERCE ELECTRONIQUE SERVANT A FACILITER LE COMMERCE INTERNATIONAL

(71, 72) **HARADA, Takeshi** [JP/US]; 965 East El Camino Real #811, Sunnyvale, CA 94087 (US).

(74) **JOHNSON, Doyle, B.**; Crosby, Heafey, Roach & May, Two Embarcadero Center,

Suite 2000, San Francisco, CA 94111-4106 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71602** (13) A1

(21) PCT/US00/07312

(22) **17 Mar/mar 2000 (17.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NETWORK NAVIGATION METHODS, SYSTEMS, AND DATABASES FOR AN ARTICLE HAVING A PRODUCT CODE
• PROCEDES, SYSTEMES ET BASES DE DONNEES SERVANT A NAVIGUER DANS LE RESEAU ET DESTINES A UN ARTICLE POSSEDANT UN CODE PRODUIT

(71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **REBER, William, L.**; 1029 Bucaneer Road #6, Schaumburg, IL 60916 (US). **PERTTUNEN, Cary, D.**; 11764 Raintree Court, Shelby Township, MI 48315 (US).

(74) **GAUGER, James, E.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71603** (13) A2

(21) PCT/US01/40316

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/527,717 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SHIPMENT TRANSACTION SYSTEM AND AN ARRANGEMENT THEREOF
• SYSTEME DE TRANSACTION D'EXPEDITION ET CONFIGURATION DUDIT SYSTEME

(63) US 09/527,717 (CON) 17 Mar/mar 2000 (17.03.2000)

(71) **U.S. BANCORP SERVICES, INC.** [US/US]; 1010 South Seventh Street, Minneapolis, MN 55415 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAHN-CARLSON, Dean, W.** [US/US]; 1423 Highland Parkway, St. Paul, MN 55116 (US).

(74) **DRAGSETH, John, A.**; Fish & Richardson, P.C., P.A., 60 South Sixth Street, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71604** (13) A2

(21) PCT/US01/06365

(22) **28 Feb/fév 2001 (28.02.2001)**

(25) en (26) en

(30) 60/189,996 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ELECTRONIC TRANSACTION CLEARING SYSTEM
• SYSTEME DE COMPENSATION DE TRANSACTION ELECTRONIQUE

(71, 72) **GREER, Edward, Cooper** [US/US]; 930 Ridgeview Lane, Lower Gwynedd, PA 19002 (US). **RAO, Govi** [US/US]; 2602 Cresswell Drive, Norristown, PA 19403 (US). **REDD, Ratna** [IN/US]; Apartment 2403, Plaza Drive, Woodbridge Center Plaza, Woodbridge, NJ 07095 (US).

(74) **MAHON, James, V.**; Clifford Chance Rogers & Wells LLP, 200 Park Avenue, New York, NY 10166 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71605** (13) A1

(21) PCT/US01/07273

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) en (26) en

(30) 09/532,563 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • APPARATUS AND METHODS FOR INTERACTIVE RENTAL INFORMATION RETRIEVAL AND MANAGEMENT
• DISPOSITIFS ET PROCEDES D'EXTRACTION ET DE GESTION INTERACTIVES D'INFORMATIONS CONCERNANT DES LOCATIONS

(71) **ARAC MANAGEMENT SERVICES, INC.** [US/US]; 900 Old Country Road, Garden City, NY 11530 (US).

(72) **STUART, Joshua, L.**; 23 Barthel Court, Lutherville, MD 21093 (US). **CYFORD, Larry, K.**; 4075 Serene View Dr., Uniond Bridge, MD 21791 (US). **SZCZAWINSKI, Michael, A.**; 14553 Manor Road, Phoenix, MD 21131 (US). **WOLF, Jeffrey, B.**; 4024 Federal Hill Road, Jarrettsville, MD 21082 (US). **DIXLER, Wendy, P.**; 6222 Lincoln Ave., Baltimore, MD 21209 (US).

(74) **GABLE, R., Lewis** et al. / etc.; Cowan, Liebowitz & Latman, P.C., 35th Fl., 1133 Avenue of the Americas, New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71606** (13) A1

(21) PCT/US01/08063

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 09/526,353 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INTERNET BASED WARRANTY AND REPAIR SERVICE
• SERVICE DE GARANTIE ET DE REPARATION OFFERT SUR INTERNET

(71) **CONXIA, INC.** [US/US]; 70 Seaview Avenue, Stamford, CT 06902 (US).

(72) **THOMSON, Robert, W.**; 3 Windy Lane, Smith's Parish FL05 (BM). **BENEVIDES, Paul, C.**; 6 Pokiok Road, Smith's Parish FL05 (BM). **FENN, Michael, R.**; 346 Riverside Avenue, Riverside, CT 06878 (US).

(74) **ROSENBLATT, Gregory, S.** et al. / etc.; Wiggin & Dana, One Century Tower, New Haven, CT 06508-1832 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71607** (13) A1

(21) PCT/US01/08328

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 60/190,170 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MENU DRIVEN MANAGEMENT AND OPERATION TECHNIQUE
• GESTION PILOTEE PAR MENU ET TECHNIQUE DE FONCTION

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 Muenchen (DE).

(71, 72) **SPIRA, Mario, Cosmas** [DE/DE]; Christian-Ernst Str. 41, 91052 Erlangen (DE). **NIEDERMAYR, Erich** [AT/AT]; Luitpoldring 38, A-85591 Vaterstetten (AT). **MENDEN, Gunter** [DE/DE]; Kiefernweg 5, 91336 Heroldsbach (DE). **KLEMME-WOLFF, Hans** [DE/DE]; Birmensdorferstr. 30, 8953 Dietikon (DE). **SOMMER, Bernhard** [AT/AT]; Gerspergasse 11, A-1210 Wien (AT). **CAVANAGH, Perry, Michael** [CA/CA]; 16 Templeby Crescent NE, Calgary, Alberta T1Y 5G4 (CA). **PFEIFER, Kimberley, James** [CA/CA]; 317 Point McKay Gardens, NW, Calgary, Alberta T3B 5C1 (CA). **WILLIAMS, David, Lesley** [CA/CA]; 1831 Morgan Avenue, Port Coquitlam, British Columbia V3C 1J8 (CA). **WILCOX, Michael** [US/US]; 3928 Windgrove Crossing, Swanee, GA 30024 (US). **ZANCOLICH, Giuseppe** [AU/US]; 11205 Amu Windham Ak Master Road, Alpharetta, GA 30005 (US). **GOLY, Krzysztof** [AU/US]; 49038 Gardner Drive, Alpharetta, GA 30004 (US). **STÜBIGER, Jurgen** [DE/DE]; Peter-Vischer-Str. 6, 91056 Erlangen (DE). **TAUTRIM, Jorg** [DE/DE]; Vor den Muhlen, 19, 66701 Beckingen (DE). **TAYLOR, Michael** [CA/CA]; P.O. 18, Dorchester, Ontario N0L 1G0 (CA). **HORN, Schulze** [DE/DE]; Am Europa Kanal 14, 91056 Erlangen (DE).

(74) **ROBINSON, Melvin, A.**; Patent Department, Schiff Hardin & Waite, 6600 Sears Tower, Chicago, IL 60606 (US).

(81) AU BR CA CN MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G06F 17/60**

(11) **WO 01/71608** (13) A2

(21) PCT/US01/08462

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,268 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM, METHOD AND APPARATUS FOR CONTROLLING THE DISSEMINATION OF DIGITAL WORKS
• SYSTEME, PROCEDE ET APPAREIL DE COMMANDE DE LA DIFFUSION DES TACHES NUMERIQUES

(71, 72) **NAIR, Mark** [US/US]; 3806 Laynette, Amarillo, TX 79109 (US).

(74) **VAN DYKE, Raymond**; Jenkens & Gilchrist, P.C., Suite 3200, 2001 Ross Avenue, Dallas, TX 75202-2799 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71609** (13) A2

(21) PCT/US01/08470

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/531,951 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD FOR ADVERTISING WITH AN INTERNET VOICE PORTAL
• SYSTEME ET PROCEDE DE PUBLICITE DOTE D'UN PORTAIL VOCAL INTERNET

(71) **QUACK.COM** [US/US]; 360 W. Caribbean Avenue, MV-007, Sunnyvale, CA 94089 (US).

(72) **VOISIN, Craig, Douglas**; 651 Franklin Street, Apt. 4211, Mountain View, CA 94041 (US). **ARMSTRONG, Matthew, Nelson**; 175 Bluxome Street, Apt. 104, San Francisco, CA 94107 (US). **CARRIERE, Steven, Jeromy**; 651 Franklin Street, Apt. 4302, Mountain View, CA 94041 (US). **WOODS, Steven, Gregory**; 900 High School Way, Apt. 2320, Mountain View, CA 94041 (US). **QUILICI, Alexander, E.**; 1044 9th Street, Suite #5, Santa Monica, CA 90403 (US).

(74) **HUNTER, PAUL, S.**; Foley & Lardner, 33rd Floor, 777 E. Wisconsin Avenue, Milwaukee, WI 53202-5367 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60, G07F 19/00, 7/10**

(11) **WO 01/71610** (13) A2

(21) PCT/US01/08491

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/189,983 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHODS AND SYSTEMS FOR ESTABLISHING AN ELECTRONIC ACCOUNT FOR A CUSTOMER
• PROCEDES ET SYSTEMES SERVANT A OUVRIR UN COMPTE ELECTRONIQUE POUR UN CLIENT

(71) **UNITED STATES POSTAL SERVICE** [US/US]; 475 L'Enfant Plaza, S.W., Room 6344, Washington, DC 20260-1135 (US).

(72) **ORBKE, Wayne, H.**; 2685 Hackscross Road, Germantown, TN 38138 (US). **TREMAINE, Samuel, R.**; 1940 Cowden Avenue, Memphis, TN 38014-5215 (US).

(74) **GARRETT, Arthur, S.** et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71611** (13) A2

(21) PCT/US01/08497

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/527,914 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD, SYSTEM, AND PROGRAM FOR REAL-TIME TRADING OF INSTRUMENTS AND GOODS
• PROCEDE, SYSTEME ET PROGRAMME POUR LA COMMERCIALISATION EN TEMPS REEL D'INSTRUMENTS ET DE BIENS

(71, 72) **SCIMONE, Stephen, J.** [US/US]; 37 Shelley Drive, Massapequa, NY 11758 (US). **KALISH, Mark, S.** [US/US]; 1836 Glenn Lane, Merrick, NY 11566 (US). **LAYER, Christopher, J.** [US/US]; 171 North Atlanta Avenue, North Massapequa, NY 11758 (US). **BURKE, Andrew, M.** [US/US]; 55-1A Richmond Boulevard, Ronkonkoma, NY 11779

(US). **GHAEMMAGHAMI, Yassaman** [—/US]; 47 Village Hill Drive, Dix Hills, NY 11746 (US). **POSNER, Robert, D.** [US/US]; 3 Colorado Place, Huntington Station, NY 11746 (US). **REIFF, Caryn, L.** [US/US]; 5 Harbour Drive, Blue Point, NY 11715 (US).

(74) **DE LUCIA, Frank** et al. / etc.; Fitzpatrick, Cella, Harper & Scinto, 30 Rockefeller Plaza, New York, NY 10112-3801 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71612** (13) A1

(21) PCT/US01/08534

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,470 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SECURITIES GRADING SYSTEM
• SYSTEME DE CLASSIFICATION DE TITRES

(71) **NEWSGRADE CORPORATION** [US/US]; 500 7th Avenue-16th Floor, New York, NY 10018 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PITTINGER, Robert** [US/US]; 4717 South 167th Avenue, Omaha, NE 68135 (US).

(74) **HENRY, Steven, J.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71613** (13) A1

(21) PCT/US01/08573

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 60/190,170 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TECHNICAL SUPPORT PROGRAM
• PROGRAMME DE SUPPORT TECHNIQUE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(72) **STÜBIGER, Jurgen**; Peter-Vischer-Str. 6, 91056 Erlangen (DE). **CAVANAGH, Perry, Michael**; 16 Templeby Crescent NE, Calgary, Alberta T1Y 5G4 (CA). **PFEIFER, Kimberley, James**; 317 Point McKay Gardens, NW, Calgary, Alberta T3B 5C1 (CA). **WILLIAMS, David, Lesley**; 1831 Morgan Avenue, Port Coquitlam, British Columbia V3C 1J8 (CA). **WILCOX, Michael**; 3928 Windgrove Crossing, Swanee, GA 30024 (US). **ZANCOLICH, Giuseppe**; 11205 Amu Windham Ak Master Road, Alpharetta, GA 30005 (US). **GOLY, Krzysztof**; 49038 Gardener Drive, Alpharetta, GA 30004 (US).

(74) **ROBINSON, Melvin, A.**; Patent Department, Schiff Hardin & Waite, 6600 Sears Tower, Chicago, IL 60606 (US).

(81) AU BR CA CN MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G06F 17/60**

(11) **WO 01/71614** (13) A2

(21) PCT/US01/08599

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/528,466 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A PURCHASE COORDINATOR FOR ELECTRONIC COMMERCE
• COORDINATEUR D'ACHAT POUR COMMERCE ELECTRONIQUE

(71, 72) **MITCHELL, Steven, R.** [US/US]; 401 Nineteenth Street, Manhattan Beach, CA 90266 (US).

(74) **COESTER, Thomas, M.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025-1026 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71615** (13) A1

(21) PCT/US01/08658

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/190,412 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 60/190,390 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEMS AND METHODS FOR PROVIDING REMOTE SUPPORT VIA PRODUCTIVITY CENTERS
• SYSTEMES ET PROCEDES PERMETTANT D'APPORTER UNE TELEASSISTANCE PAR L'INTERMEDIAIRE DE CENTRES DE PRODUCTIVITE

(71) **SEVENTH WAVE TECHNOLOGY, INC.** [US/US]; Suite 500, 2555 Westside Parkway, Alpharetta, GA 30004 (US).

(72) **BURGESS, Raleigh**; 375 Devereux Downs, Roswell, GA 30075 (US).

(74) **PRATT, John, S.**; Kilpatrick Stockton LLP, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71616** (13) A2

(21) PCT/US01/08708

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) PCT/US00/07093 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 09/581,306 **7 Jun/juin 2000** US **(07.06.2000)**

(30) 09/685,280 **10 Oct/oct 2000** US **(10.10.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CREDIT BASED ADVERTISING THROUGH EMAIL
• PUBLICITE A REMUNERATION PAR COURRIER ELECTRONIQUE

(71) **ZAIRMAIL, INC.** [US/US]; 2800 NW 29th Avenue, Portland, OR 97210 (US).

(72) **MIRASHRAFI, Mojy**; 15007 NW Germantown Road, Portland, OR 97231 (US). **ZEHR, Wilson**; 18771 SW Frank Court, Aloha, OR 97007 (US).

(74) **AUYEUNG, Aloysius, T., C.** et al. / etc.; Columbia IP Law Group, LLC, Suite 109, 4900 SW Meadows Road, Lake Oswego, OR 97035 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK

LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71617** (13) A1

(21) PCT/US01/08724

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/528,653 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ELECTRONIC COMMERCE SYSTEM WITH ACCESS TO INVENTORY DATA FROM MULTIPLE STORES
• SYSTEME DE COMMERCE ELECTRONIQUE A ACCES AUX DONNEES D'INVENTAIRE D'UN ENSEMBLE D'ENTREPOTS

(71) **FOUND, INC.** [US/US]; Suite 200, 6671 South Redwood Road, Salt Lake City, UT 84084 (US).

(71, 72) **LAWSON, Richard** [US/US]; Suite 400, 200 Pine Street, San Francisco, CA 94104 (US). **DRIES, Gene** [US/US]; 10024 Pourdre Court, Littleton, CO 80124 (US).

(74) **O'BRYANT, David, W.**; Morriss, Bateman, O'Bryant & Compagni, P.C., 5882 South 900 East, Suite 300, Salt Lake City, UT 84121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71618** (13) A1

(21) PCT/US01/08736

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/527,645 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR PROVIDING CONTINUITY OF CONSUMER PURCHASE DISCOUNTS
• PROCEDE SERVANT A ASSURER UNE CONTINUITE DES RABAIS SUR DES ACHATS EFFECTUES PAR DES CONSOMMATEURS

(63) US 09/527,645 (CIP) 17 Mar/mar 2000 (17.03.2000)

(71, 72) **LEARNER, David, B.** [US/US]; Suite 317, 12 Plains Road, Essex, CT 06426 (US). **LEARNER, Douglas, A.** [US/US]; Suite 317, 12 Plains Road, Essex, CT 06426 (US).

(74) **BIERMAN, Jordan, B.**; Bierman, Muserlian and Lucas, 600 Third Avenue, New York, NY 10016 (US).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G06F 17/60**

(11) **WO 01/71619** (13) A1

(21) PCT/US01/08744

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/531,956 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND SYSTEM FOR SCHEDULING TRAVEL ON A CHARTER TRANSPORT
• PROCEDE ET SYSTEME DE PROGRAMMATION DE VOYAGES DANS UN SYSTEME DE TRANSPORT PAR FRETEMENT

(71, 72) **EAGLE, Bryan, M., III** [US/US]; 2250 Court Avenue, Memphis, TN 38104-3001 (US).

(74) **HAYNES, Michael, N.**; 1341 Huntersfield Close, Keswick, VA 22947 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71620** (13) A1

(21) PCT/US01/08785

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/532,890 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEMS AND METHODS FOR COLLECTING CONSUMER DATA
• SYSTEMES ET PROCEDES DE RECUPERATION DE DONNEES CONSOMMATEURS

(71) **COMSCORE NETWORKS, INC.** [US/US]; 1761 Business Center Drive, Suite 250, Reston, VA 20190 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FULGONI, Gian** [GB/US]; 65 East Bellvue Place, Chicago, IL 60611 (US). **ABRAHAM, Magid** [US/US]; 9898 Windy Hollow Road, Great Falls, VA 22066 (US). **BROWN, Michael** [US/US]; 1422 Kingstream Drive, Herndon, VA 20170 (US). **DAVIS, Adam** [US/US]; 12510 Eastbourne Drive, Silverspring, MD 20904 (US). **MILLER, Bryan** [US/US]; 3112 Dunes Drive, Ellicott City, MD 21042 (US).

(74) **MILLER, Samuel, C., III** et al. / etc.; Burns, Doane, Swecker and Mathis, LLP, P.O. Box 1404, Alexandria, VA 22313-1404 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71621** (13) A1

(21) PCT/US01/08791

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/191,166 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND SYSTEM FOR TOP-DOWN BUSINESS PROCESS DEFINITION AND EXECUTION
• PROCÉDÉ ET SYSTEME PERMETTANT DE DÉFINIR ET D'EXÉCUTER UN PROCESSUS DESCENDANT

(71) **WEBMETHODS, INC.** [US/US]; 3877 Fairfax Ridge Road, Fairfax, VA 22030 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **OPITZ, Scott** [US/US]; 643 North Heilbron Drive, Media, PA 19063 (US). **ELKIN, Alex** [US/US]; Westborough, MA (US).

(74) **BEDNAREK, Michael, D.** et al. / etc.; Shaw Pittman, 2300 N Street, N.W., Washington, DC 20037-1128 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71622** (13) A1

(21) PCT/US01/08860

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/191,003 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND PROCESS FOR DISTRIBUTION OF INFORMATION ON A COMMUNICATION NETWORK
• SYSTEME ET PROCEDE DE DISTRIBUTION D'INFORMATIONS DANS UN RESEAU DE COMMUNICATIONS

(71, 72) **RITTMASTER, Ted, R.** [US/US]; 2630 Grandoaks Drive, Westlake Village, CA 91361 (US). **PICCIONELLI, Greg, A.** [US/US]; Suite 2350, 1925 Century Park East, Los Angeles, CA 90067 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71623** (13) A1

(21) PCT/US01/08958

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/190,867 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ACTIVITY-BASED BUSINESS MODELING
• MODELISATION D'AFFAIRES BASEE SUR LES ACTIVITES

(71) **PRIMARY MATTERS,INC.** [US/US]; 5045 Paradise Drive, Tiburon, CA 94920 (US).

(72) **BORTON, Gregory, F.**; 5045 Paradise Drive, Tiburon, CA 94920 (US).

(74) **FRANKLIN, Thomas, D.** et al. / etc.; Townsend and Townsend and Crew LLP, 1200 Seventeenth Street, Ste 2700, Denver, CO 80202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71624** (13) A1

(21) PCT/US01/08974

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,108 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR REPRESENTING OBJECT RELATIONSHIPS IN A MULTIDIMENSIONAL SPACE
• SYSTEME, PROCEDE ET PROGICIEL POUR LA REPRESENTATION DE RELATIONS ENTRE OBJETS DANS UN ESPACE MULTIDIMENSIONNEL

(71) **3-DIMENSIONAL PHARMACEUTICALS, INC.** [US/US]; Eagleview Corporate Center, Suite 104, 665 Stockton Drive, Exton, PA 19341 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AGRAFIOTIS, Dimitris, K.** [US/US]; 660 Perimeter Drive, Downingtown, PA 19335 (US). **RASSOKHIN, Dmitrii, N.** [RU/US]; 101 Parker Court, Exton, PA 19341 (US). **LOBANOV, Victor, S.** [RU/US]; 815 Azalea Drive, North Brunswick, NJ 08902 (US). **SALEMME, F., Raymond** [US/US]; 1970 Timber Lakes Drive, Yardley, PA 19067 (US).

(74) **LEE, Michael, Q.** et al. / etc.; Sterne, Kessler, Goldstein, & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71625** (13) A2

(21) PCT/US01/09018

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/531,729 **21 Mar/mar 2000** US **(21.03.2000)**

(30) 09/531,825 **21 Mar/mar 2000** US **(21.03.2000)**

(30) 09/531,724 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR GENERATING A PROJECT FOR AN ELECTRONIC SUPPLY CHAIN VALUE ASSESSMENT
• PROCEDE SERVANT A GENERER UN PROJET D'EVALUATION DE VALEUR DE CHAINE D'ALIMENTATION ELECTRONIQUE

(71) **ACCENTURE LLP** [US/US]; 1661 Page Mill Road, Palo Alto, CA 94304 (US).

(72) **CUDAHY, Gregory, C.**; 745 Charleston Drive, Roswell, GA 30075 (US). **MILLER, Jeffrey**; 852 North Brookshade Parkway, Alpharetta, GA 30004 (US). **ALLVINE, Douglas, W.**; 156 7th Street, N.E. Apt. 5, Atlanta, GA 30308 (US).

(74) **HICKMAN, Paul, L.**; Oppenheimer Wolff & Donnelly, LLP, P.O. Box 52037, Palo Alto, CA 94303 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71626** (13) A2

(21) PCT/US01/09024

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/532,663 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MARKETPLACES INVOLVING BUSINESS RULES FOR PARTIALLY AUTOMATED GENERATION OF QUOTES
• PLACES DE MARCHE COMPRENANT DES REGLES COMMERCIALES UTILES POUR GENERER DE MANIERE PARTIELLEMENT AUTOMATIQUE DES COTES

(71) **PERFECT.COM** [US/US]; 1860 Embarcadero Road, Suite 210, Palo Alto, CA 94303 (US).

(72) **MILGROM, Paul, R.**; 121 Heather Lane, Palo Alto, CA 94303 (US). **GALL, Ulrich**; 1058 Westlynn Way, Cupertino, CA 95014 (US). **LAVIN, James, K.**; 37171 Sycamore Street, Apt. #214, Newark, CA 94560 (US). **SAKOVA, Zuzana**; 650 Circle Drive, Palo Alto, CA 94303 (US). **MINES, Robert, F.**; 210 Firethorn Court, San Ramon, CA 94583 (US).

(74) **MACPHERSON, Alan, H.** et al. / etc.; Skjerven Morrill MacPherson LLP, 25 Metro Drive, Suite 700, San Jose, CA 95110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA

(BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60, G07F 7/10, H04L 29/06**

(11) **WO 01/71627** (13) A2

(21) PCT/US01/09136

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/532,507 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A METHOD AND SYSTEM FOR WIRELESS ELECTRONIC COMMERCE USING A PORTABLE, WIRELESS COMMUNICATION DEVICE HAVING UNIQUE IDENTIFYING INFORMATION
• PROCEDE ET SYSTEME POUR COMMERCE ELECTRONIQUE SANS FIL AU MOYEN D'UN DISPOSITIF DE COMMUNICATION SANS FIL COMPRENANT DES INFORMATIONS D'IDENTIFICATION UNIQUES

(71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).

(72) **BLOW, Anthony, Talmage**; 5511 Las Alturas Terrace, San Diego, CA 92114 (US).

(74) **WADSWORTH, Philip, R.** et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71628** (13) A2

(21) PCT/US01/09183

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,273 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LIQUIDITY PREFERRED STOCK
• ACTION PRIVILEGIEE DE LIQUIDITE

(71, 72) **MALLENBAUM, Stephan, J.** [US/US]; 26 Kolbert Drive, Scarsdale, NY 10583 (US).

(74) **BIERNACKI, John, V.** et al. / etc.; Jones, Day, Reavis & Pogue, North Point, 901 Lakeside Avenue, Cleveland, OH 44114 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71629** (13) A2

(21) PCT/US01/09197

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,452 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 09/609,714 **30 Jun/juin 2000** US **(30.06.2000)**

(30) 01105484.8 **14 Mar/mar 2001** EP **(14.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • VALUE CHAIN OPTIMIZATION SYSTEM AND METHOD
• SYSTEME ET PROCEDE D'OPTIMISATION D'UNE CHAINE DE VALEUR

(63) US 09/609,714 (CIP) 30 Jun/juin 2000 (30.06.2000)

(71) **SAP AKTIENGESELLSCHAFT** [DE/DE]; Neurottstrasse 16, 69190 Walldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HACK, Stefan** [DE/DE]; Zur Helde 9, 69168 Wiesloch (DE). **AUGSBURGER, Michael** [DE/DE]; Theodor-Heuss-Strasse 47, 69221 Dossenheim (DE). **BIRIMISA, Miho** [US/DE]; Suedendstrasse 8a, 76137 Karlsruhe (DE).

(74) **GARRETT, Arthur, S.** et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).

(81) AU CA US.

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(51)[7] **G06F 17/60**

(11) **WO 01/71630** (13) A2

(21) PCT/US01/09241

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,359 **22 Mar/mar 2000** US **(22.03.2000)**

(30) 60/191,205 **22 Mar/mar 2000** US **(22.03.2000)**

(30) 60/245,503 **3 Nov/nov 2000** US **(03.11.2000)**

(30) 60/245,826 **3 Nov/nov 2000** US **(03.11.2000)**

(30) 60/259,563 **2 Jan/jan 2001** US **(02.01.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHODS AND APPARATUS FOR ON-LINE ORDERING
• PROCEDES ET DISPOSITIF DE COMMANDE EN LIGNE

(71) **AMERICA TO GO LLC** [US/US]; 1001 Avenue of the Americas, New York, NY 10018 (US).

(72) **BURTON, Peter, A.**; 71-26 Juno Street, Forest Hills, NY 11375 (US).

(74) **JACKSON, Robert, R.** et al. / etc.; c/o Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71631** (13) A2

(21) PCT/US01/09277

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/534,238 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A SYSTEM AND METHOD FOR DELIVERING MERCHANDISE
• SYSTEME ET PROCEDE PERMETTANT DE LIVRER DES MARCHANDISES

(71) **E-DELIVERYEXPERTS.COM, INC.** [US/US]; 9170 Prince William Street, Manassas, VA 20110 (US).

(72) **WOOD, David**; 9170 Prince William Street, Manassas, VA 20110 (US).

(74) **ZELANO, Anthony, J.** et al. / etc.; Millen, White, Zelano & Branigan, P.C., Arlington Courthouse Plaza I, Suite 1400, 2200 Clarendon Boulevard, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(i)*

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(51)[7] **G06F 17/60**

(11) **WO 01/71632** (13) A2

(21) PCT/US01/09441

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,633 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • GENERATING AND ELECTRONICALLY SENDING REPORTS TO ELECTRONIC DESTINATIONS
• ETABLISSEMENT ET ENVOI ELECTRONIQUE DE RAPPORTS A DES ADRESSES ELECTRONIQUES

(71) **IGETSMART.COM, INC.** [US/US]; 276 Park Avenue South, New York, NY 10010 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RESH, Mark** [US/US]; 3701 East Virginia Beach Boulevard, Norfolk, VA 23502 (US).

(74) **HOLMES, Craig** et al. / etc.; Hickman Palermo Truong & Becker, LLP, 1600 Willow Street, San Jose, CA 95125 (US).

(81) AU CA MX US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(i)*

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(51)[7] **G06F 17/60**

(11) **WO 01/71633** (13) A2

(21) PCT/US01/09452

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,454 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TRANSACTION HANDLING METHODS AND SYSTEMS
• PROCEDES ET SYSTEMES DE GESTION DE TRANSACTIONS

(71) **CODIAL INC.** [US/US]; c/o D.J. Murphy, Corporation Trust Center, 1209 Orange Street, Wilmington, DE 19801 (US).

(72) **KOREN, Roni**; 225 Anafa Street, 71908 Maccabim (IL).

(74) **JACKSON, Robert, R.** et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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 01/71634** (13) A1

(21) PCT/US01/09457

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,524 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 60/191,967 **24 Mar/mar 2000** US **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND SYSTEM FOR CLINICAL KNOWLEDGE MANAGEMENT
• PROCEDE ET SYSTEME DE GESTION DE CONNAISSANCES CLINIQUES

(71) **MEDNOSTIC** [US/US]; 400 Cleveland Boulevard, Haddonfield, NJ 08033-1602 (US).

(72) **JAEGER, Scott, H.**; 400 Cleveland Boulevard, Haddonfield, NJ 08033-1602 (US). **HARRY, Chororos, J.**; 101 Kent Drive, Roseland, NJ 07068-3703 (US).

(74) **MESSINA, Gerard, A.**; Kenyon and Kenyon, 1 Broadway, New York, NY 10004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 17/60**

(11) **WO 01/71635** (13) A2

(21) PCT/US01/09534

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,633 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MANAGING ORDERS BASED ON BUDGET RESTRICTIONS IN A PROCUREMENT MANAGEMENT SYSTEM
• GESTION DE COMMANDES EN FONCTION DE RESTRICTIONS BUDGETAIRES DANS UN SYSTEME DE GESTION DE L'APPROVISIONNEMENT

(71) **IGETSMART.COM, INC.** [US/US]; 276 Park Avenue South, New York, NY 10010 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **RESH, Mark** [US/US]; 3701 East Virginia Beach Blvd., Norfolk, VA 23502 (US).

(74) **HOLMES, Craig** et al. / etc.; Hickman Palermo Truong & Becker, LLP, 1600 Willow Street, San Jose, CA 95125 (US).

(81) AU CA MX US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G06F 19/00**

(11) **WO 01/71636** (13) A2

(21) PCT/IB01/00417

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/535,433 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PERSONALIZED HEALTH PROFILING SYSTEM AND METHOD
• SYSTEME ET PROCEDE D'ETABLISSEMENT DE PROFILS DE SANTE PERSONNALISES

(71) **MITSUBISHI CHEMICAL CORPORATION** [JP/JP]; 5-2 Marunouchi, 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(72) **O'YOUNG, Lionel**; 575 Seastorm Drive, Redwood City, CA 94065 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 19/00, 17/30**

(11) **WO 01/71637** (13) A1

(21) PCT/JP01/02316

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-88497 **24 Mar/mar 2000** JP **(24.03.2000)**

(30) 2000-88498 **24 Mar/mar 2000** JP **(24.03.2000)**

(30) 2000-397423 **27 Dec/déc 2000** JP **(27.12.2000)**

(30) 2000-397424 **27 Dec/déc 2000** JP **(27.12.2000)**

(30) 2001-38028 **15 Feb/fév 2001** JP **(15.02.2001)**

(30) 2001-38418 **15 Feb/fév 2001** JP **(15.02.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ELECTRONIC DOCUMENT PROCESSING APPARATUS AND PROCESSING METHOD
• APPAREIL DE TRAITEMENT DE DOCUMENTS ELECTRONIQUES ET PROCEDE DE TRAITEMENT

(71) **DAI NIPPON PRINTING CO., LTD.** [JP/JP]; 1-1, Ichigaya-kagacho 1-chome, Shinjuku-ku, Tokyo 162-8001 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YONE, Yutaka** [JP/JP]; Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-kagacho 1-chome, Shinjuku-ku, Tokyo 162-8001 (JP). **SAKAMOTO, Sanae** [JP/JP]; Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-kagacho 1-chome, Shinjuku-ku, Tokyo 162-8001 (JP). **TOCHIHARA, Seiichi** [JP/JP]; Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-kagacho 1-chome, Shinjuku-ku, Tokyo 162-8001 (JP).

(74) **NAKAMURA, Toshinobu**; Oak Building Kyobashi 4th Floor, 16-10, Kyobashi 1-chome, Chuou-ku, Tokyo 104-0031 (JP).

(81) CA US.

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(51)[7] **G06F 19/00**

(11) **WO 01/71638** (13) A1

(21) PCT/KR01/00365

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) en (26) en

(30) 2000-0014098 **20 Mar/mar 2000** KR **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AN INTERNET STORAGE SERVICE SYSTEM AND METHOD
• SERVICE, SYSTEME ET PROCEDE DE STOCKAGE INTERNET

(71) **ZOI NET CO.,LTD** [KR/KR]; 6F, Bando Building, 48-1 Banpo-dong, Seocho-ku, Seoul 137-040 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHUN, Sung-Young** [KR/KR]; 6F, Bando Building, 48-1 Banpo-dong, Seocho-ku, Seoul 137-040 (KR).

(74) **LEE, Chang-Hoon**; Origin Internatioal Patent & Law firm, SL, Kangnam P.O.Box 1584, Seoul 135-615 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 19/00**

(11) **WO 01/71639** (13) A1

(21) PCT/KR01/00435

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ko (26) en

(30) 2000/14431 **22 Mar/mar 2000** KR **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • WEB SINGER SELECTION SYSTEM AND WEB SINGER SELECTION METHOD BASED ON INTERNET
• SYSTEME DE SELECTION DE CHANTEURS ET METHODE ASSOCIEE UTILISANT INTERNET

(71, 72) **JUNG, Young-Keun** [KR/KR]; #201, Daeyang villa, 235-1, Nonhyun-Dong, Kangnam-Gu, Seoul 135-012 (KR).

(74) **KIM, Ik-Sung**; Hansun International Patent & Law Office, #202, Newseoul Building, 828-8, Yeoksam-Dong, Kangnam-Gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 19/00**

(11) **WO 01/71640** (13) A1

(21) PCT/US01/08031

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 60/190,855 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR CHARACTERIZATION OF MULTI-SCALE GEOMETRIC ATTRIBUTES
• PROCEDE DE CARACTERISATION D'ATTRIBUTS GEOMETRIQUES A ECHELLES MULTIPLES

(71) **EXXONMOBIL UPSTREAM RESEARCH COMPANY** [US/US]; P.O. Box 2189, Houston, TX 77252-2189 (US).

(72) **MATTEUCCI, Gianni**; 14722 Broadgreen Drive, Houston, TX 77079 (US). **CASSIANI, Daniel, H.**; 17002 Windypines Drive, Spring, TX 77379 (US). **IVES, Larry, E.**; 830 Desert Rose Place, Missouri City, TX 77459 (US).

(74) **SCHWEPPE, Charles, R.** et al. / etc.; ExxonMobil Upstream Research Company, P.O. Box 2189, Houston, TX 77252-2189 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06F 19/00**

(11) **WO 01/71641** (13) A2

(21) PCT/US01/09151

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/533,749 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PATIENT MEDICATION ASSESSMENT AND MANAGEMENT SYSTEM
• SYSTEME DE GESTION ET D'EVALUATION DE MEDICAMENTS

(71) **OMNICARE, INC.** [US/US]; 1600 River-Center II, 100 East RiverCenter Boulevard, Covington, KY 41011 (US).

(72) **DITRAPANO, Vincent, C.**; 3211 Harwood Lane, Sinking Springs, PA 19608 (US). **LEHMAN, Mark**; 135 Calumet Court, Crestview Hills, KY 41017 (US).

(74) **LEVY, Mark, P.** et al. / etc.; Thompson Hine LLP, 2000 Courthouse Plaza N.E., 10 West Second Street, Dayton, OH 45402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06K**

(11) **WO 01/71642** (13) A2

(21) PCT/US01/40343

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/191,068 **21 Mar/mar 2000** US **(21.03.2000)**

(30) 60/197,169 **14 Apr/avr 2000** US **(14.04.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SECURITY APPARATUS
• APPAREIL DE SECURITE

(71, 72) **CHORNENKY, Todd, E.** [US/US]; 125 Cambridge Road, Bethel Park, PA 15102 (US).

(74) **HANSON, David, C.** et al. / etc.; Webb Ziesenheim Logsdon Orkin & Hanson, P.C., 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PA 15219-1818 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06K 1/12, 11/18, G06F 3/033**

(11) **WO 01/71643** (13) A1

(21) PCT/SE01/00608

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0000949-8 **21 Mar/mar 2000** SE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • POSITION INFORMATION

• INFORMATION DE POSITION

(71) **ANOTO AB** [SE/SE]; c/o C Technologies, Scheelevägen 15, S-223 70 Lund (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WIEBE, Linus** [SE/SE]; Grönegatan 8, S-222 24 Lund (SE).

(74) **AWAPATENT AB**; Box 45086, S-104 30 Stockholm (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06K 1/12, 11/08, 19/06, G06F 3/03**

(11) **WO 01/71644** (13) A1

(21) PCT/SE01/00609

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0000950-6 **21 Mar/mar 2000** SE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • APPARATUS AND METHODS RELATING TO IMAGES
• APPAREIL ET PROCEDES POUR IMAGES

(71) **ANOTO AB** [SE/SE]; c/o C Technologies, Scheelevägen 15, S-223 70 Lund (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ERICSON, Petter** [SE/SE]; Industrigatan 2B, S-212 14 Malmö (SE).

(74) **AWAPATENT AB**; Box 45086, S-104 30 Stockholm (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06K 7/00**

(11) **WO 01/71645** (13) A1

(21) PCT/DE01/01085

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) de (26) de

(30) 00106220.7 **22 Mar/mar 2000** EP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEVICE FOR RECEIVING DIGITAL DATA FROM A TRANSMITTER WHICH TRANSMITS CONTACTLESSLY
• DISPOSITIF DE RECEPTION DE DONNEES NUMERIQUES EMISES PAR UN EMETTEUR A TRANSMISSION SANS CONTACT

(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) **SCHNECKENBURGER, Christian** [DE/DE]; Am Ganter 9, 85635 Höhenkirchen (DE).

(74) **EPPING HERMANN & FISCHER**; Postfach 12 10 26, 80034 München (DE).

(81) BR CA CN IL IN JP KR MX RU UA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **G06K 7/14, 7/12, 19/06**

(11) **WO 01/71646** (13) A1

(21) PCT/GB01/01223

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 0007079.7 **23 Mar/mar 2000** GB **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A DATA CARRIER, A DEVICE FOR READING THE DATA CARRIER, AND A SECURITY SYSTEM
• SUPPORT DE DONNEES, DISPOSITIF DE LECTURE POUR SUPPORT DE DONNEES ET SYSTEME DE SECURITE

(71) **KE TECHNOLOGY UK LIMITED** [GB/GB]; The Clock House, 11 Church Lane, Holme Hale, Norfolk IP25 7DS (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KEAY, Peter, Jeffrey** [GB/GB]; KE Technology UK Limited, The Clock House, 11 Church Lane, Holme Hale, Norfolk IP25 7DS (GB).

(74) **BECK, Simon, Antony** et al. / etc.; Withers & Rogers, Goldings House, 2 Hays Lane, London SE1 2HW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06K 9/00**

(11) **WO 01/71647** (13) A1

(21) PCT/US01/08979

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/191,171 **22 Mar/mar 2000** US **(22.03.2000)**

(30) 09/812,228 **19 Mar/mar 2001** US **(19.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMPACT SPEED MEASUREMENT SYSTEM WITH ONSITE DIGITAL IMAGE CAPTURE, PROCESSING, AND PORTABLE DISPLAY
• SYSTEME COMPACT DE MESURE DE VITESSE AVEC CAPTURE ET TRAITEMENT D'IMAGES NUMERIQUES SUR SITE, ET ECRAN PORTABLE

(71) **LASER TECHNOLOGY, INC.** [US/US]; 7070 South Tucson Way, Englewood, CO 80112 (US).

(72) **POLAND, Richard, J.**; 10135 E. Peakview Avenue, Englewood, CO 80111 (US). **MILLER, Eric, A.**; 4540 S. Jason Street, Englewood, CO 80120 (US). **DUNNE, Jeremy, G.**; 2686 East Otero Place, #11, Littleton, CO 80122 (US). **WILLIAMS, David, W.**; 1501 W. Dry Creek Road, Littleton, CO 80120 (US). **FRISCHMAN, Mark**; 5155 Spectra Way, Unit 1, Mississaugua, Ontario (CA). **CLIFFORD, Bruce**; 5155 Spectra Way, Unit 1, Mississaugua, Ontario (CA).

(74) **BURTON, Carol, W.** et al. / etc.; Hogan & Hartson LLP, Suite 1500, 1200 17th Street, Denver, CO 80202-5840 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06K 9/00**

(11) **WO 01/71648** (13) A2

(21) PCT/US01/09187

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,547 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 60/203,799 **12 May/mai 2000** US **(12.05.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PIEZOELECTRIC IDENTIFICATION DEVICE AND APPLICATIONS THEREOF
• DISPOSITIF D'IDENTIFICATION PIEZO-ELECTRIQUE ET SES APPLICATIONS

(71) **CROSS MATCH TECHNOLOGIES, INC.** [US/US]; Suite 6001, 3960 RCA Boulevard, Palm Beach Gardens, FL 33410 (US).

(71, 72) **SCOTT, Walter, Guy** [NZ/US]; 11662 Lake Shore Place, North Palm Beach, FL 33408 (US). **JONES, Donald, Edward** [US/US]; 337 Ridge Road, Jupiter, FL 33477 (US).

(74) **KESSLER, Edward, J.** et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06K 9/20**

(11) **WO 01/71649** (13) A1

(21) PCT/US01/09044

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/191,537 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 09/656,719 **7 Sep/sep 2000** US **(07.09.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND SYSTEM FOR SEARCHING FORM FEATURES FOR FORM IDENTIFICATION
• PROCEDE ET SYSTEME DE RECHERCHE DE TRAITS DE FORMES EN VUE DE L'IDENTIFICATION DE FORMES

(71) **CARDIFF SOFTWARE, INC.** [US/US]; 3220 Executive Ridge Drive, Vista, CA 92083 (US).

(72) **DEERE, Emily, Ann**; 1427 Elva Terrace, Encinitas, CA 92024 (US).

(74) **HUNT, Dale, C.**; Knobbe, Martens, Olson & Bear, LLP, 16th Floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06K 9/36**

(11) **WO 01/71650** (13) A1

(21) PCT/US01/40280

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 09/535,063 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR RUN-LENGTH ENCODING VIDEO DATA
• METHODE ET DISPOSITIF POUR CODAGE DE DONNEES VIDEO PAR LONGUEUR DE PLAGE

(71) **DIVIO, INC.** [US/US]; 997 East Arques Avenue, Sunnyvale, CA 94086 (US).

(72) **WANG, Ren-Yuh**; 7852 Jeanette Court, Cupertino, CA 95014 (US). **WU, Tony, H.**; 966 Sandalridge Court, Milpitas, CA 95035 (US).

(74) **HAUGHEY, Paul, C.** et al. / etc.; Townsend and Townsend and Crew LLP, 2 Embarcadero Center, 8th floor, San Francisco, CA 94111 (US).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **G06K 9/46, H04N 1/387, H04Q 7/32**

(11) **WO 01/71651** (13) A1

(21) PCT/SE01/00583

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0000941-5 **21 Mar/mar 2000** SE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND ARRANGEMENT FOR TRANSFERRING MESSAGES
• PROCEDE DE TRANSFERT DE MESSAGES ET APPAREIL CORRESPONDANT

(71) **ANOTO AB** [SE/SE]; c/o C Technologies AB, Scheelevägen 15, S-223 70 Lund (SE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FÅHRAEUS, Christer** [SE/SE]; Sölvegatan 3A, S-223 62 Lund (SE).

(74) **AWAPATENT AB**; Box 5117, S-200 71 Malmö (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06K 9/54**

(11) **WO 01/71652** (13) A1

(21) PCT/US01/08089

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 60/190,141 **16 Mar/mar 2000** US **(16.03.2000)**

(30) 09/805,305 **12 Mar/mar 2001** US **(12.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PERCEPTION-BASED IMAGE RETRIEVAL
• EXTRACTION D'IMAGE A BASE DE PERCEPTION

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 12th Floor, 1111 Franklin Avenue, Oakland, CA 94607-5200 (US).

(72) **CHANG, Edward, Y.**; 816 Dorado Drive, Santa Barbara, CA 93111 (US).

(74) **BERLINER, Robert**; Fulbright & Jaworski, L.L.P., 29th Floor, 865 S. Figueroa Street, Los Angeles, CA 90017-2576 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06K 11/00**

(11) **WO 01/71653** (13) A1

(21) PCT/SE01/00596

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0000947-2 **21 Mar/mar 2000** SE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND SYSTEM FOR STORING A CODING PATTERN
• PROCEDE ET SYSTEME DE STOCKAGE D'UN MOTIF DE CODAGE

(71) **ANOTO AB** [SE/SE]; c/o C Technologies AB, Scheelevägen 15, S-223 70 Lund (SE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HUGOSSON, Ola** [SE/SE]; Sandgatan 14 B, S-223 50 Lund (SE). **ERICSON, Petter** [SE/SE]; Industrigatan 2 B, S-212 14 Malmö (SE).

(74) **AWAPATENT AB**; Box 5117, S-200 71 Malmö (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06K 11/18, G06F 3/033**

(11) **WO 01/71654** (13) A1

(21) PCT/SE01/00610

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0000951-4 **21 Mar/mar 2000** SE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • APPARATUS AND METHOD FOR DETERMINING SPATIAL ORIENTATION
• APPAREIL ET PROCEDE PERMETTANT DE DETERMINER UNE ORIENTATION SPATIALE

(71) **ANOTO AB** [SE/SE]; c/o C Technologies AB, Scheelevägen 15, S-223 70 Lund (SE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FÅHRAEUS, Christer** [SE/SE]; Sölvegatan 3A, S-223 62 Lund (SE). **BURSTRÖM, Stefan** [SE/SE]; Kämnärsvägen 8:B201, S-226 45 Lund (SE). **PERSSON, Erik** [SE/SE]; Magistratsvägen 576; 26, S-226 44 Lund (SE). **PETTERSSON, Mats, Petter** [SE/SE]; Magistratsvägen 57 E:27, S-226 44 Lund (SE).

(74) **AWAPATENT AB**; Box 45086, S-104 30 Stockholm (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06K 15/00**

(11) **WO 01/71655** (13) A1

(21) PCT/US01/08139

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 09/527,179 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • OPTICAL SENSOR ARRANGEMENT FOR START OF SCAN DETECTION AND IMPROVED VERTICAL BEAM ALIGNMENT RANGE
• DISPOSITIF DE CAPTEUR OPTIQUE POUR DETECTION DE DEBUT BALAYAGE ET PLAGE D'ALIGNEMENT DE FAISCEAU VERTICAL AMELIOREE

(71) **LEXMARK INTERNATIONAL, INC.** [US/US]; Intellectual Property Law Dept., 740 West New Circle Road, Lexington, KY 40550 (US).

(72) **COOK, William, Paul**; 1143 Rockbridge Road, Lexington, KY 40515 (US).

(74) **SANDERSON, Michael, T.**; Lexmark International, Inc., Intellectual Property Law Dept., 740 West New Circle Road, Lexington, KY 40550 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06K 15/12**

(11) **WO 01/71656** (13) A1

(21) PCT/US00/24369

(22) **5 Sep/sep 2000 (05.09.2000)**

(25) en (26) en

(30) 09/534,824 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MODIFICATION OF COLOR VALUES IN PAGE DESCRIPTION FILES
• MODIFICATION DES VALEURS DE COULEUR DANS DES FICHIERS DE DESCRIPTION DE PAGE

(71) **IMATION CORP.** [US/US]; 1 Imation Place, P.O. Box 64898, St. Paul, MN 55164-0898 (US).

(72) **EDGE, Christopher, J.**; P.O. Box 64898, Saint Paul, MN 55164-0898 (US). **ROZZI, William, A.**; P.O. Box 64898, Saint Paul, MN 55164-0898 (US). **FISCHER, Timothy, A.**; P.O. Box 64898, Saint Paul, MN 55164-0898 (US).

(74) **BAUER, William. D.** et al. / etc.; Imation Legal Affairs, P.O. Box 64898, Saint Paul, MN 55164-0898 (US).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **G06K 19/07**

(11) **WO 01/71657** (13) A1

(21) PCT/DE01/00583

(22) **15 Feb/fév 2001 (15.02.2001)**

(25) de (26) de

(30) 00106222.3 **22 Mar/mar 2000** EP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CHIPCARD
• CARTE A PUCE

(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) **EICHNER, Dierk** [DE/DE]; Rotwandstrasse 11, 85435 Erding (DE). **KARGL, Walter** [AT/AT]; Hackhergasse 5, A-8020 Graz (AT). **MELCHIOR, Marc** [DE/DE]; Alte Poststrasse 9, 85411 Hohenkammer (DE). **REINER, Robert** [DE/DE]; Pappelstrasse 18, 85579 Neubiberg (DE). **GAUL, Lorenz** [DE/DE]; Schubertstrasse 14, 85101 Lenting (DE). **MELCHER, Gebhard** [AT/AT]; Weinbergweg 6, A-8045 Weinitzen (AT). **NEBEL, Gerhard** [DE/DE]; Hornstrasse 26, 87509 Immenstadt (DE). **SCHRAUD, Gerhard** [DE/DE]; Ostendstrasse 2A, 86415 Mering (DE).

(74) **EPPING HERMANN & FISCHER**; Postfach 12 10 26, 80034 München (DE).

(81) BR CA CN IL IN JP KR MX RU UA US.

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(51)[7] **G06K 19/073, 7/00**

(11) **WO 01/71658** (13) A1

(21) PCT/EP01/02536

(22) **6 Mar/mar 2001 (06.03.2001)**

(25) en (26) en

(30) 00890088.8 **21 Mar/mar 2000** EP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMMUNICATION DEVICE FOR RAPIDLY AND SIMULTANEOUSLY WRITING ONTO A PLURALITY OF DATA CARRIERS, AND DATA CARRIER FOR SUCH A COMMUNICATION DEVICE
• DISPOSITIF DE COMMUNICATION PERMETTANT D'ECRIRE RAPIDEMENT ET SIMULTANEMENT SUR PLUSIEURS SUPPORTS DE DONNEES, ET SUPPORT DE DONNEES D'UN TEL DISPOSITIF

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **RECHBERGER, Robert**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **POSCH, Stefan**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **WEBER, Helmut**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G06K 19/073, H01L 27/00, G07F 7/08, G06F 1/00**

(11) **WO 01/71659** (13) A1

(21) PCT/EP01/02569

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) de (26) de

(30) 001 06 221.5 **22 Mar/mar 2000** EP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CIRCUIT ARRANGEMENT FOR PROTECTING A CIRCUIT AGAINST ANALYSIS AND MANIPULATION
• CIRCUITERIE POUR PROTEGER UN CIRCUIT DE L'ANALYSE ET DE LA MANIPULATION

(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) **POCKRANDT, Wolfgang** [DE/DE]; Ilmstr. 1, 85293 Reichertshausen (DE).

(74) **EPPING HERMANN & FISCHER**; Postfach 12 10 26, 80034 München (DE).

(81) BR CA CN IL IN JP KR MX RU UA US.

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(51)[7] **G06N 5/02**

(11) **WO 01/71660** (13) A2

(21) PCT/GB01/01286

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 0007156.3 **23 Mar/mar 2000** GB **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • IMPROVEMENTS IN OR RELATING TO PROCESSING DATA FOR INTERPRETATION
• AMELIORATIONS RELATIVES AU TRAITEMENT DE DONNEES A DES FINS D'INTERPRETATION

(71) **MIRADA SOLUTIONS LIMITED** [GB/GB]; 23 Sandfield Road, Oxford OX3 7RN (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRADY, John, Michael** [GB/GB]; Department of Engineering Science, University of Oxford, 19 Parks Road, Oxford 0X1 3PJ (GB). **FELDMAR, Jacques** [FR/GB]; Oxford Medical Image Analysis (OMIA) Ltd, Oxford Centre for Innovation, Mill Street, Oxford OX2 0JX (GB).

(74) **NICHOLLS, Michael, John** et al. / etc.; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5LX (GB).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G06N 7/08**

(11) **WO 01/71661** (13) A1

(21) PCT/CN00/00058

(22) **22 Mar/mar 2000 (22.03.2000)**

(25) zh (26) zh

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A QUANTUM SYSTEM COMPUTER
• ORDINATEUR QUANTIQUE

(71) **LINKGROW TECHNOLOGY LIMITED** [CN/CN]; Suite 704, 7/F., Emperor Group Centre, 288 Hennessy Road, Hong Kong (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **QIAN, Chao** [CN/CN]; Suite 704, 7/F., Emperor Group Centre, 288 Hennessy Road, Hong Kong (CN). **CHEUNG, Hiu, Ching** [CN/CN]; Suite 704, 7/F., Emperor Group Centre, 288 Hennessy Road, Hong Kong (CN).

(74) **DRAGON INTERNATIONAL PATENT OFFICE**; Rm.522, E1 No. 12 Yumin Road, Madian, Chaoyang District, Beijing 100029 (CN).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06T**

(11) **WO 01/71662** (13) A2

(21) PCT/IB01/00654

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,744 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD FOR GLOBALLY ALIGNING INDIVIDUAL VIEWS BASED ON NON-ACCURATE REPEATABLE POSITIONING DEVICES
• SYSTEME ET PROCEDE POUR ALIGNER SUR UNE ECHELLE MONDIALE DES VUES INDIVIDUELLES BASEES SUR DES DISPOSITIFS DE POSITIONNEMENT REPETITIF NON PRECIS

(71) **COGNITENS, LTD.** [IL/IL]; 55 Haniviim Street, P.O. Box 1713, 47282 Ramat Hasharon (IL).

(72) **BENADY, Meny**; Mivtza Kadesh Street 14, 69983 Tel Aviv (IL).

(81) CA JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G06T 1/00, 7/00, G01N 33/48**

(11) **WO 01/71663** (13) A1

(21) PCT/JP00/08580

(22) **4 Dec/déc 2000 (04.12.2000)**

(25) ja (26) ja

(30) 2000-81526 **23 Mar/mar 2000** JP **(23.03.2000)**

(30) 2000-128457 **27 Apr/avr 2000** JP **(27.04.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CELL LINEAGE EXTRACTING METHOD
• METHODE D'EXTRACTION DE LIGNEE CELLULAIRE

(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) **KITANO, Hiroaki** [JP/JP]; 2-18-3, Nishikosenbacho, Kawagoe-shi, Saitama 350-0035 (JP).

(72, 75) **ONAMI, Shuichi** [JP/JP]; Elegance Fukasawa 402, 7-20-15, Todoroki, Setagaya-ku, Tokyo 158-0082 (JP). **HAMAHASHI, Shugo** [JP/JP]; Sato building 303, 1566, Kizuki, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0025 (JP). **MIYANO, Satoru** [JP/JP]; 4-8-1-602, Kamitakada, Nakano-ku, Tokyo 164-0002 (JP).

(74) **INABA, Shigeru**; Naruse, Inaba & Inami, Hanabishi Imas Hirakawacho Building, 4th Floor, 3-11, Hirakawacho 2-chome, Chiyoda-ku, Tokyo 102-0093 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G06T 5/00**

(11) **WO 01/71664** (13) A1

(21) PCT/EP01/03172

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 00830208.5 **21 Mar/mar 2000** EP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF MULTITIME FILTERING COHERENT-SENSOR DETECTED IMAGES
• PROCEDE DE FILTRAGE MULTITEMPS D'IMAGES DETECTEES PAR DETECTEUR COHERENT

(71) **EUROPEAN COMMUNITY** [—/LU]; Rue Alcide de Gasperi, L-2920 Luxembourg (LU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DE GRANDI, Gianfranco** [IT/IT]; Via Milano, 4, I-21027 Ispra (IT).

(74) **JORIO, Paolo** et al. / etc.; Studio Torta S.r.l., Via Viotti, 9, I-10121 Torino (IT).

(81) CA JP NO US.

Published / Publiée : *(c)*

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(51)[7] **G06T 5/00**

(11) **WO 01/71665** (13) A2

(21) PCT/US01/08586

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,711 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 09/751,375 **29 Dec/déc 2000** US **(29.12.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A GRAPHICS SYSTEM HAVING A SUPER-SAMPLED SAMPLE BUFFER WITH HOT SPOT CORRECTION, EDGE BLENDING, EDGE MATCHING, DISTORTION CORRECTION, AND CHROMATIC DISTORTION COMPENSATION
• SYSTEME GRAPHIQUE A TAMPON D'ECHANTILLONNAGE SUPER-ECHANTILLONNE CAPABLE DE CORRECTION DES POINTS CHAUDS, DE MELANGE DES BORDS, DE CONCORDANCE DES BORDS, DE CORRECTION DES DISTORSIONS ET D'ABERRATION DES DISTORSIONS CHROMATIQUES

(71) **SUN MICROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, Palo Alto, CA 94303 (US).

(72) **DEERING, Michael, F.**; 657 Cuesta Drive, Los Altos, CA 94024 (US).

(74) **CONLEY, ROSE & TAYON, P.C.**; Meyertons, Eric, B., P.O. Box 398, Austin, TX 78767-0398 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06T 11/60, G06F 17/24**

(11) **WO 01/71666** (13) A1

(21) PCT/AU01/00303

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) PR 0677 **17 Mar/mar 2000** AU **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FORM PRODUCTION SYSTEM
• SYSTÈME DE PRODUCTION DE FORMULAIRES

(71) **FORMSTAR PRINT TECHNOLOGIES PTY. LTD.** [AU/AU]; Level 3, 77 Berry Street, North Sydney, NSW 2060 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SMITH, Peter, Thomas** [AU/AU]; 43A King Street, Wollstonecraft, NSW 2065 (AU). **TRENT, Donald, Wallis** [AU/AU]; 111 Woodlands Street, Balgowlah Heights, NSW 2093 (AU).

(74) **GRIFFITH HACK**; GPO Box 4164, Sydney, NSW 2001 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G06T 13/00**

(11) **WO 01/71667** (13) A2

(21) PCT/EP01/03101

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) de (26) de

(30) 100 13 554.4 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND DEVICE FOR DATA COMMUNICATION WITH A DATA PROCESSING DEVICE CONTROLLING AN ELECTRONIC DEVICE
• PROCEDE ET DISPOSITIF POUR LA COMMUNICATION DE DONNEES AVEC UN DISPOSITIF DE TRAITEMENT DE DONNEES COMMANDANT UN APPAREIL ELECTRONIQUE

(71) **PEPPERL + FUCHS GMBH** [DE/DE]; Königsberger Allee 87, 68307 Mannheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KUKA, Achim** [DE/DE]; Windeckstrasse 35, 68163 Mannheim (DE). **PFAFF, Georg** [DE/DE]; Berliner Platz 8, 67117 Limburgerhof (DE).

(74) **MIERSWA, Klaus**; Friedrichstrasse 171, 68199 Mannheim (DE).

(81) AU BG BR CA CN CZ DE EE HU ID IL IN JP KR LT LV MX NO NZ PL RO RU SG SI SK TR UA US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G06T 15/20**

(11) **WO 01/71668** (13) A2

(21) PCT/US01/07357

(22) **6 Mar/mar 2001 (06.03.2001)**

(25) en (26) en

(30) 09/528,700 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • APPARATUS FOR AND METHOD OF RENDERING 3D OBJECTS WITH PARAMETRIC TEXTURE MAPS
• APPAREIL ET PROCEDE DESTINES AU RENDU D'OBJETS 3D AVEC CORRESPONDANCES DE STRUCTURES PARAMETRIQUES

(71) **HEWLETT-PACKARD COMPANY** [US/US]; 1501 Page Mill Road, M/S 4U-10, Palo Alto, CA 94304-1126 (US).

(71, 72) **GELB, Dan** [US/US]; 580 Rhodes Hall, Ithaca, NY 14853 (US). **WOLTERS, Hans, J.** [US/US]; 20 Comstock Queen Court, Mountain View, CA 94043 (US). **MALZBENDER, Thomas** [US/US]; 4331 Miranda Avenue, Palo Alto, CA 94306 (US).

(74) **SCHUYLER, Marc, P.**; Hewlett-Packard Company, Legal Dept., 3403 E. Harmony Road, Fort Collins, CO 80528-9599 (US).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G07B**

(11) **WO 01/71669** (13) A2

(21) PCT/US01/09146

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/532,896 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ENTERTAINMENT EVENT TICKET PURCHASE AND EXCHANGE SYSTEM
• SYSTEME D'ACHAT ET D'ECHANGE DE BILLETS POUR MANIFESTATIONS

(71) **GLOBAL ETICKET EXCHANGE LTD.** [US/US]; 344 Maple Avenue, West, PMB 249, Vienna, VA 22180 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NESTOR, Tod, A.** [US/US]; 1834 Elgin Drive, Vienna, VA 22182 (US). **PATRICK, Robert** [US/US]; 10 Ironmaster Court, Thurmont, MD 21788 (US). **CIANCIARUSO, Benito** [US/US]; 8614 Indian Springs Road, Laurel, MD 20724 (US).

(74) **LABARRE, James, A.** et al. / etc.; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G07C 9/00**

(11) **WO 01/71670** (13) A1

(21) PCT/IT01/00127

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) RM2000A000151 **22 Mar/mar 2000** IT **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PORTABLE APPARATUS FOR SCIENTIFIC IDENTIFICATION OF AN INDIVIDUAL
• APPAREIL PORTATIF POUR L'IDENTIFICATION SCIENTIFIQUE D'UN INDIVIDU

(71) **ITALDATA INGEGNERIA DELL'IDEA S.P.A.** [IT/IT]; Viale degli Eroi di Cefalonia, 123, I-00128 Roma (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOCCACCI, Roberto** [IT/IT]; Viale degli Eroi di Cefalonia, 123, I-00128 Roma (IT).

(74) **CAVATTONI, Fabio** et al. / etc.; Cavattoni - Raimondi, Viale dei Parioli, 160, I-00197 Roma (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G07C 9/00, G06F 1/00**

(11) **WO 01/71671** (13) A2

(21) PCT/US01/08962

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/531,859 **21 Mar/mar 2000** US **(21.03.2000)**

(30) 09/531,720 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD FOR SECURE USER IDENTIFICATION WITH BLUETOOTH ENABLED TRANSCEIVER AND BIOMETRIC SENSOR IMPLEMENTED IN A HANDHELD COMPUTER
• SYSTEME ET PROCEDE D'IDENTIFICATION SURE D'UTILISATEUR AU MOYEN D'UN EMETTEUR-RECEPTEUR ACTIVE PAR BLUETOOTH ET D'UN CAPTEUR BIOMETRIQUE IMPLANTES DANS UN ORDINATEUR DE POCHE

(71) **WIDCOMM, INC.** [US/US]; Suite 205, 9645 Scranton Road, San Diego, CA 92121 (US).

(72) **MORRIS, Martin**; 1055 Crestview Road, Vista, CA 92083 (US).

(74) **ZIMMER, Kevin, J.**; Cooley Godward LLP, 3000 El Camino Real, Five Palo Alto Square, Palo Alto, CA 94306-2155 (US) et al. / etc.

(81) CA CN DE FI GB JP MX SE.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G07D 9/00**

(11) **WO 01/71672** (13) A1

(21) PCT/JP00/01812

(22) **24 Mar/mar 2000 (24.03.2000)**

(25) ja (26) ja

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AUTOMATIC TRADING DEVICE, AUTOMATIC TRADING SYSTEM, AND AUTOMATIC TRADING METHOD
• DISPOSITIF, SYSTEME ET PROCEDE DE COMMERCE AUTOMATIQUE

(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) **KOSUDA, Hiroyuki** [JP/JP]; Fujitsu Terminal Systems Limited, 8-3, Tonyamachi 1-chome, Maebashi-shi, Gumma 371-0855 (JP).

(74) **SAKAI, Hiroaki**; Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) JP US.

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(51)[7] **G07F 7/02**

(11) **WO 01/71673** (13) A1

(21) PCT/US01/08458

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,173 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 60/239,372 **11 Oct/oct 2000** US **(11.10.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PRE-PAID PAYMENT SYSTEM AND METHOD FOR ANONYMOUS PURCHASING TRANSACTIONS
• PROCEDE ET SYSTEME DE PAIEMENT PREPAYE DESTINES A DES TRANSACTIONS D'ACHAT ANONYMES

(71) **FIRST FINANCIAL INTERNET, INC.** [US/US]; 145 S. McDonough Street, Jonesboro, GA 30236 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TARBUTTON, Greg** [US/US]; 241 Dr. Bruce Jackson Road, Newnan, GA 30263 (US). **CHANCE, Ronald** [US/US]; 130 Regal Oak Court, Tyrone, GA 30290-2240 (US). **BUSSEY, Andy** [US/US]; 4044 George Busbee Parkway, #2108, Kennesaw, GA 30144 (US). **MADSEN, Michael, Steven** [US/US]; 4991 Stone Hollow Court, Acworth, GA 30101 (US). **BELL, Lloyd, Noland** [US/US]; 1933 Fairway Circle, Atlanta, GA 30319 (US).

(74) **HANSON, Eric, J.**; Smith, Gambrell & Russell, LLP, Suite 3100, Promenade II, 1230 Peachtree Street, N.E., Atlanta, GA 30309 3592 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G07F 7/10**

(11) **WO 01/71674** (13) A1

(21) PCT/MX01/00017

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) es (26) es

(30) 002782 **20 Mar/mar 2000** MX **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SECURITY SYSTEM AND SILENT ALARM ACTIVATABLE BY A USER
• SYSTEME DE SECURITE ET D'ALARME SILENCIEUX POUVANT ETRE ACTIVE PAR UN UTILISATEUR

(71, 72) **OCAÑA PRADAL, Gabriel Gustavo** [MX/MX]; Goethe #22, col. Anzures, Del. Miguel Hidalgo, Mexico, D.F. 11590 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declarations / Déclarations :
(r) 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] **G07F 7/12, H04L 9/32**

(11) **WO 01/71675** (13) A1

(21) PCT/FR01/00808

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) fr (26) fr

(30) 00/03684 **22 Mar/mar 2000** FR **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CRYPTOGRAPHIC METHOD FOR PROTECTION AGAINST FRAUD
• PROCEDE CRYPTOGRAPHIQUE DE PROTECTION CONTRE LA FRAUDE

(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) **GILBERT, Henri** [FR/FR]; 2, allée des Peupliers, F-91440 Bures sur Yvette (FR). **GIRAULT, Marc** [FR/FR]; 4, rue Viviane, F-14000 Caen (FR).

(74) **LEMOYNE, Didier**; France Telecom R & D/VAT/VPI, 38-40, rue du Général Leclerc, F-92794 Issy Moulineaux Cedex 9 (FR).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G07F 17/00**

(11) **WO 01/71676** (13) A2

(21) PCT/US01/08382

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/528,487 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ON-LINE LOTTERY GAME SYSTEM
• SYSTEME DE JEU DE LOTERIE EN LIGNE

(71) **ELOTTERY, INC.** [US/US]; 301 Merrit 7, Norwalk, CT 06851 (US).

(72) **YACENDA, Michael, W.**; 705 Hunting Ridge Road, Stamford, CT 06903 (US).

(74) **CHAU, Frank** et al. / etc.; F. Chau & Associates, LLP, 1900 Hempstead Turnpike, Suite 501, East Meadow, NY 11554 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(i)*

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(51)[7] **G07F 17/32**

(11) **WO 01/71677** (13) A2

(21) PCT/US01/08607

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/528,367 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD FOR FACILITATING PLAY OF ON-LINE GAMES
• SYSTEME ET PROCEDE PERMETTANT DE FACILITER LA PARTICIPATION A DES JEUX EN LIGNE

(71) **ELOTTERY, INC.** [US/US]; 301 Merrit 7, Norwalk, CT 06851 (US).

(72) **YACENDA, Michael, W.**; 705 Hunting Ridge Road, Stamford, CT 06903 (US).

(74) **CHAU, Frank** et al. / etc.; F. Chau & Associates, LLP, Suite 501, 1900 Hempstead Turnpike, East Meadow, NY 11554 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G07F 17/34, A63F 5/04, 13/00**

(11) **WO 01/71678** (13) A1

(21) PCT/AU01/00233

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) en (26) en

(30) PQ 6409 **22 Mar/mar 2000** AU **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A GAMING MACHINE WITH REFRACT SYMBOL
• APPAREIL DE JEU DE HASARD PRESENTANT UN SYMBOLE DE REFRACTION

(71) **ARISTOCRAT TECHNOLOGIES AUSTRALIA PTY LTD** [AU/AU]; 71 Longueville Road, Lane Cove, New South Wales 2066 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GRAHAM, Philippa** [AU/AU]; 71 Longueville Road, Lane Cove, New South Wales 2066 (AU).

(74) **F.B. RICE & CO.**; 605 Darling Street, Balmain, NSW 2041 (AU).

(81) AU JP NZ US ZA.

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(51)[7] **G07F 19/00, 9/00, G06F 17/60, G07F 7/10**

(11) **WO 01/71679** (13) A2

(21) PCT/US01/06431

(22) **27 Feb/fév 2001 (27.02.2001)**

(25) en (26) en

(30) 09/527,862 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS OF CUSTOMIZED AUTOMATED VENDING MACHINES AND VENDING MACHINE SYSTEMS
• PROCEDE ET APPAREIL POUR DISTRIBUTEUR AUTOMATIQUE PERSONNALISE ET SYSTEMES DE DISTRIBUTEUR AUTOMATIQUE

(71) **WELLS FARGO BANK, N.A.** [US/US]; 420 Montgomery Street, San Francisco, CA 94104 (US).

(72) **MCCARTHY, Barry, Christopher**; 1315 Hearst Drive, Pleasanton, CA 94566 (US). **WANG, Jimmy, C.**; 51 Camelot Court, Alamo, CA 94507 (US). **COVI, Renee**; 124 Latham Street, Piedmont, CA 94611 (US). **CHEN, Carolyn**; 10407 Olive Street, Temple City, CA 91780 (US). **MILEFF, Don**; 51 Berkeley Avenue, Orinda, CA 94563 (US). **D'COSTA, Ashvil**; 903 Serena Drive, Pacifica, CA 94044 (US).

(74) **GLENN, Michael** et al. / etc.; Glenn Patent Group, 3475 Edison Way, Suite L., Menlo Park, CA 94025 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G07F 19/00, 9/00, G06F 17/60, G07F 7/10**

(11) **WO 01/71680** (13) A2

(21) PCT/US01/07851

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 09/527,861 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS OF USER CUSTOMIZED AUTOMATED VENDING MACHINES AND VENDING MACHINE SYSTEMS
• PROCEDE ET APPAREIL RELATIFS A DES DISTRIBUTEURS AUTOMATIQUES PERSONNALISES ET A DES SYSTEMES DE DISTRIBUTION AUTOMATIQUES

(71) **WELLS FARGO BANK, N.A.** [US/US]; 420 Montgomery Street, San Francisco, CA 94104 (US).

(72) **MCCARTHY, Barry, Christopher**; 1315 Hearst Drive, Pleasanton, CA 94566 (US). **WANG, Jimmy, C.**; 51 Camelot Court, Alamo, CA 94507 (US). **COVI, Renee**; 124 Latham Street, Piedmont, CA 94611 (US). **CHEN, Carolyn**; 10407 Olive Street, Temple City, CA 91780 (US). **MILEFF, Don**; 51 Berkeley Avenue, Orinda, CA 94563 (US). **D'OCOSTA, Ashvil**; 903 Serena Drive, Pacifica, CA 94044 (US).

(74) **GLENN, Michael** et al. / etc.; Glenn Patent Group, 3475 Edison Way, Ste. L., Menlo Park, CA 94025 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G07F 19/00, 7/08**

(11) **WO 01/71681** (13) A2

(21) PCT/US01/08210

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 60/190,161 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 09/809,708 **15 Mar/mar 2001** US **(15.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INTERNET BASED SINGLE ENTRY FIELD ELECTRONIC PAYMENT INTERFACE
• INTERFACE DE PAIEMENT ELECTRONIQUE A ZONE D'ENTREE UNIQUE SUR INTERNET

(71) **VIRTUAL MONEY, INC.** [US/US]; City Center Tower II, 301 Commerce Street, Suite 1100, Fort Worth, TX 76102 (US).

(72) **ALLEN, Dale, F., II**; 4144 Staghorn Circle South, Fort Worth, TX 76137 (US).

(74) **SHORT, Shayne, X.**; Akin, Gump, Strauss, Hauer & Feld, L.L.P., 816 Congress Avenue, 19th Floor, Austin, TX 78701 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G07F 19/00, 9/00, 7/10, G06F 17/60**

(11) **WO 01/71682** (13) A2

(21) PCT/US01/08346

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 09/528,133 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR MAKING, MAINTAINING AND DISTRIBUTING PROFILES AND MOTION VIDEO TO VENDING MACHINES IN VENDING MACHINE NETWORKS
• PROCEDE ET APPAREIL DE FABRICATION, D'ENTRETIEN ET DE DISTRIBUTION DE PROFILES ET DE VIDEOS ANIMEES A DES DISTRIBUTEURS AUTOMATIQUES DANS DES RESEAUX DE DISTRIBUTEURS AUTOMATIQUES

(71) **WELLS FARGO BANK, N.A.** [US/US]; 420 Montgomery Street, San Francisco, CA 94104 (US).

(72) **SCALLY, John**; 502 Sealight Lane, Redwood City, CA 94065 (US). **WANG, Jimmy, C.**; 51 Camelot Court, Alamo, CA 94507 (US). **LI, Latson**; 639 Orchid Drive, So. San Francisco, CA 94040 (US). **MILEFF, Don**; 51 Berkeley Avenue, Orinda, CA 94563 (US). **D'OCOSTA, Ashvil**; 903 Serena Drive, Pacifica, CA 94044 (US).

(74) **GLENN, Michael** et al. / etc.; Glenn Patent Group, Suite L., 3475 Edison Way, Menlo Park, CA 94025 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G07G 1/00, G06F 17/60**

(11) **WO 01/71683** (13) A2

(21) PCT/US01/09045

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/190,818 **21 Mar/mar 2000** US **(21.03.2000)**

(30) 09/603,677 **26 Jun/juin 2000** US **(26.06.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR SELECTING A SUPPLEMENTAL PRODUCT TO OFFER FOR SALE DURING A TRANSACTION
• PROCEDE ET DISPOSITIF PERMETTANT DE SELECTIONNER UN PRODUIT COMPLEMENTAIRE A METTRE EN VENTE AU COURS D'UNE TRANSACTION

(71) **WALKER DIGITAL, LLC** [US/US]; Five High Ridge Park, Stamford, CT 06905 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MUELLER, Raymond, J.** [US/US]; 89 Catbrier Road, Weston, CT 06883 (US). **DOUGLAS, David, H.** [US/US]; 10 McLaren Road South, Darien, CT 06820 (US). **VAN LUCHENE, Andrew, S.** [US/US]; 9 Greenwood Place, Norwalk, CT 06854 (US). **MARAZZO, George, M.** [US/US]; 44 Overhill Road, Rocky Point, NY 11778-9632 (US). **WAHLQUIST, Shane, J.** [US/US]; 648 Forest Hill Drive, Copell, TX 75019 (US).

(74) **ALDERUCCI, Dean, P.**; Walker Digital Corporation, Five High Ridge Park, Stamford, CT 06905 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G08B 1/01**

(11) **WO 01/71684** (13) A1

(21) PCT/US01/08140

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 09/528,265 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PASSIVE POSITION-SENSING AND COMMUNICATIONS FOR VEHICLES ON A PATHWAY
• DETECTION DE POSITION PASSIVE ET COMMUNICATIONS POUR VEHICULES SUR UNE VOIE DE PASSAGE

(71) **MAGNEMOTION, INC.** [US/US]; 20 Sudbury Road, Acton, MA 01720 (US).

(72) **CLARK, Tracy, M.**; 24 Winterberry Way, Bedford, MA 01730 (US). **PERREAULT, Brian, M.**; 28 Deerfield Lane, Stow, MA 01775 (US).

(74) **POWSNER, David, J.** et al. / etc.; Nutter, McClennen & Fish LLP, One International Place, Boston, MA 02110-2699 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G08B 5/22, G08C 19/08, H04M 11/04, H04N 5/44**

(11) **WO 01/71685** (13) A1

(21) PCT/IL01/00275

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/533,250 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD, DEVICE, AND SYSTEM FOR ADAPTIVELY, INTERACTIVELY, AND UNIVERSALLY REMOTE CONTROLLING APPLIANCES
• PROCEDE, DISPOSITIF ET SYSTEME DE TELECOMMANDE D'APPAREILS DE MANIERE ADAPTATIVE, INTERACTIVE ET UNIVERSELLE

(71) **BRIGHTCOM TECHNOLOGIES LTD.** [IL/IL]; Hamelacha St. 16, Afek High Tech Park, 48091 Rosh Haayin (IL). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BEN-ZEEV, Yuval** [IL/IL]; Aibshits St. 4, 62741 Tel Aviv (IL). **DORON, Moshe** [IL/IL]; Hashachar St. 7, 43564 Raanana (IL).

(74) **FRIEDMAN, Mark, M.**; Beit Samueloff, Haomanim St. 7, 67897 Tel Aviv (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G08B 13/14**

(11) **WO 01/71686** (13) A1

(21) PCT/US01/07093

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) en (26) en

(30) 09/528,637 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ACTIVATABLE/DEACTIVATABLE SECURITY TAG WITH ENHANCED ELECTROSTATIC PROTECTION FOR USE WITH AN ELECTRONIC SECURITY SYSTEM
• ETIQUETTE DE SECURITE POUVANT ETRE ACTIVEE ET DESACTIVEE ET PRESENTANT UNE PROTECTION ELECTROSTATIQUE AMELIOREE POUR ETRE MISE EN APPLICATION AVEC UN SYSTEME DE SECURITE ELECTRONIQUE

(71) **CHECKPOINT SYSTEMS, INC.** [US/US]; 101 Wolf Drive, P.O. Box 188, Thorofare, NJ 08086 (US).

(72) **DAVIES, John, Edwin, Jr.**; 150 E. Sussex Avenue, Sewell, NJ (US). **APPALUCCI, Lawrence**; 503 Ridgeview Lane, Villanova, PA 19085 (US). **DUTCHER, Alan, Paul**; 1102 Woodhollow Drive, West Deptford, NJ 08066-2325 (US). **MAZOKI, Gary, Thomas**; 5 Pluto Drive, Sewell, NJ 08080-1974 (US). **PICCOLI, Anthony, Frank**; 415 West Pine Street, Audubon, NJ 08106 (US).

(74) **KASTEN, Leslie, L., Jr.** et al. / etc.; Akin, Gump, Strauss, Hauer & Feld, L.L.P., One Commerce Square, 22nd floor, 2005 Market Street, Philadelphia, PA 19103-7986 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G08B 13/16, 15/00**

(11) **WO 01/71687** (13) A2

(21) PCT/US01/08484

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,204 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PHASED ARRAY SURVEILLANCE SYSTEM
• SYSTEME DE SURVEILLANCE A COMMANDE DE PHASE

(71) **THE JOHNS HOPKINS UNIVERSITY** [US/US]; Applied Physics Laboratory, 11100 Johns Hopkins Road, Laurel, MD 20723-6099 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAYEK, Carleton, S.** [US/US]; 3121 Evergreen Way, Ellicott City, MD 21043 (US). **SARI, James, W.** [US/US]; 6010 Windham Road, Laurel, MD 20707 (US). **STANKOVICH, Peter** [US/US]; 7707 Modisto Lane, Springfield, VA 22153 (US). **NEWHALL, Bruce, K.** [US/US]; 7504 Broadcloth Way, Columbia, MD 21046 (US).

(74) **KRIVAK, Carla, M.** et al. / etc.; The Johns Hopkins University, Applied Physics Laboratory, 11100 Johns Hopkins Road, Laurel, MD 20723-6099 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G08B 13/194**

(11) **WO 01/71688** (13) A1

(21) PCT/SE01/00587

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) sv (26) en

(30) 0000925-8 **20 Mar/mar 2000** SE **(20.03.2000)**

(30) 60/190,679 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MONITORING SYSTEM
• SYSTEME DE SURVEILLANCE

(71) **QUALISYS DIGITAL MEDIA AB** [SE/SE]; Esperantoplatsen 7-9, S-411 19 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MORANDER, Karl-Erik** [SE/SE]; Nordhemsgatan 45 C, S-413 06 Göteborg (SE).

(74) **GÖTEBORGS PATENTBYRÅ DAHLS AB**; Sjöporten 4, S-417 64 Göteborg (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G08B 17/107, 17/10**

(11) **WO 01/71689** (13) A1

(21) PCT/AU01/00314

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) PQ 6367 **21 Mar/mar 2000** AU **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A PARTICLE DETECTOR
• DETECTEUR DE PARTICULES

(71) **VISION SYSTEMS LTD** [AU/AU]; 96 Ricketts Road, Mt Waverley, VIC 3149 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEIGH-JONES, Peter** [AU/AU]; 1 Avila Court, Vermont, VIC 3133 (AU).

(74) **SPRUSON & FERGUSON**; GPO Box 3898, Sydney, NSW 2001 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G08B 21/00, 23/00**

(11) **WO 01/71690** (13) A1

(21) PCT/US00/28262

(22) **12 Oct/oct 2000 (12.10.2000)**

(25) en (26) en

(30) 09/532,498 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SHOELACE WARNING SYSTEM
• SYSTEME D'AVERTISSEMENT DESTINE A DES SOULIERS A LACETS

(71, 72) **MESCHKOW, Jordan, M.** [US/US]; 6105 E. Paradise Lane, Scottsdale, AZ 85254 (US). **MESCHKOW, Sasha, H.** [US/US]; 6105 E. Paradise Lane, Scottsdale, AZ 85254 (US).

(74) **MESCHKOW, Jordan, M.** et al. / etc.; Meschkow & Gresham, P.L.C., Suite 409, 5727 North Seventh Street, Phoenix, AZ 85014 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G08C 17/02, 23/04**

(11) **WO 01/71691** (13) A1

(21) PCT/GB01/00854

(22) **28 Feb/fév 2001 (28.02.2001)**

(25) en (26) en

(30) 0006702.5 **20 Mar/mar 2000** GB **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A DATA INTERFACE SYSTEM
• SYSTEME D'INTERFACE DE DONNEES

(71) **ZIPZAPWAP LIMITED** [GB/GB]; 9 Owl Way, Hartford, Huntingdon (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOOPMANS, Hendrik, Hepke** [GB/GB]; 11 Ferndale Close, Newmarket, Suffolk CB8 7DZ (GB). **WRIGHT, Jamie, Lyndon** [GB/GB]; 9 Owl Way, Hartford, Huntingdon, Cambridgeshire PE29 1YZ (GB).

(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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G08C 23/00**

(11) **WO 01/71692** (13) A2

(21) PCT/EP01/03064

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) MO2000A000048 **20 Mar/mar 2000** IT **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A REMOTE ASSISTANCE AND MANAGEMENT SYSTEM FOR HOUSEHOLD APPLIANCES OF VARIOUS TYPOLOGIES SUPPLIED WITH ENERGY FROM THE ELECTRICITY MAINS, IN PARTICULAR GAS BOILERS FOR HEATING PURPOSES
• SYSTEME DE GESTION ET D'ASSISTANCE A DISTANCE POUR APPAREILS DOMESTIQUES DE TYPOLOGIES DIFFERENTES ALIMENTES EN ENERGIE PROVENANT DU RESEAU ELECTRIQUE, EN PARTICULIER POUR CHAUFFE-EAU A GAZ DESTINE A DES APPLICATIONS DE CHAUFFAGE

(71) **MERLONI TERMOSANITARI S.P.A.** [IT/IT]; Viale Aristide Merloni, 45, I-60044 Fabriano (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARCHETTI, Ruggero** [IT/IT]; Viale Aristide Merloni, 45, I-60044 Fabriano (IT).

(74) **CERRETA, Caterina**; Gidiemme S.r.l, Via Giardini, 474/M, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G08G 1/127, G01C 21/36**

(11) **WO 01/71693** (13) A1

(21) PCT/GB01/01289

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 0007105.0 **23 Mar/mar 2000** GB **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NAVIGATION SYSTEM
• SYSTEME DE NAVIGATION

(71) **YEOMAN GROUP PLC** [GB/GB]; The Shipyard, Bath Road, Lymington, Hampshire SO41 9YL (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AGNEW, Hugh, John** [GB/GB]; Yeoman Group plc, The Shipyard, Bath Road, Lymington, Hampshire SO41 9YL (GB). **WOOLEY, Roger** [AU/AU]; Yeoman Group plc, The Shipyard, Bath Road, Lymington, Hampshire SO41 9YL (GB). **GEAKE, Vincent** [GB/GB]; Yeoman Group plc, The Shipyard, Bath Road, Lymington, Hampshire SO41 9YL (GB).

(74) **BERESFORD, Keith, Denis, Lewis** et al. / etc.; Beresford & Co., 2-5 Warwick Court, High Holborn, London WC1R 5DH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G08G 5/00**

(11) **WO 01/71694** (13) A1

(21) PCT/JP00/03256

(22) **22 May/mai 2000 (22.05.2000)**

(25) ja (26) ja

(30) 2000-121746 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AIRCRAFT ARRIVAL TIME CALCULATING METHOD AND ITS CALCULATING DEVICE
• PROCEDE DE CALCUL DE L'HEURE D'ARRIVEE D'UN AERONEF ET DISPOSITIF DE CALCUL ASSOCIE

(71, 72) **ITO, Hiroshi** [JP/JP]; 18-15, Midorigaoka 2-chome, Meguro-ku, Tokyo 152-0034 (JP).

(81) CN US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(b)*

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(51)[7] **G09B 3/00, 7/00, 9/00, 19/00, A63B 69/00**

(11) **WO 01/71695** (13) A1

(21) PCT/US01/09257

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,361 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DATA-DRIVEN SELF-TRAINING SYSTEM AND TECHNIQUE
• SYSTEME ET TECHNIQUE D'AUTOFORMATION GUIDEE PAR LES DONNEES

(71) **VIRTUAL GOLD, INC.** [US/US]; Suite 235, 280 N. Central Park Avenue, Hartsdale, NY 10530 (US).

(72) **BHANDARI, Inderpal, S.**; 220 Ardsley Road, Scarsdale, NY 10583 (US). **RAMANUJAM, Krishnakumar**; 3 Wyndover Woods Lane #16, White Plains, NY 10603 (US). **PRATAP, Rajiv**; 3 Wyndover Woods Lane #1, White Plains, NY 10603 (US).

(74) **IM, C., Andrew**; Fulbright & Jaworski LLP, 666 Fifth Avenue, New York, NY 10103 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **G09B 5/00**

(11) **WO 01/71696** (13) A1

(21) PCT/US00/26290

(22) **22 Sep/sep 2000 (22.09.2000)**

(25) en (26) en

(30) 09/528,970 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INTERACTIVE AND ANIMATED MINI-THEATER AND METHOD OF USE
• PETIT THEATRE INTERACTIF ET ANIME ET PROCEDE D'UTILISATION

(71, 72) **WANG, Mai** [US/US]; 7146 Golden Gate Drive, San Jose, CA 95129 (US).

(74) **SCOTT, Gene**; Patent Law & Venture Grou, 3151 Airway Avenue, Suite K-105, Costa Mesa, CA 92625-4613 (US).

(81) AU CA CN IN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(a)*

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(51)[7] **G09B 7/00**

(11) **WO 01/71697** (13) A2

(21) PCT/US01/09147

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/528,538 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMPUTER-IMPLEMENTED METHODS AND APPARATUS FOR IMPROVING GENERAL INTELLIGENCE
• PROCEDES ET DISPOSITIF INFORMATIQUES POUR DEVELOPPER L'INTELLIGENCE GENERALE

(71) **SCIENTIFIC LEARNING CORPORATION** [US/US]; 1995 University Avenue, Suite 400, Berkeley, CA 94704 (US).

(72) **MERZENICH, Michael, M.**; 20 Hillpoint, San Francisco, CA 94117 (US). **MILLER, Steven, L.**; 5 Elk Court, Pacifica, CA 94044 (US).

(74) **AUSTIN, James, E.**; Beyer Weaver & Thomas, LLP, P.O. Box 778, Berkeley, CA 94704-0778 (US).

(81) AU CA JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G09F 3/02, 23/06**

(11) **WO 01/71698** (13) A1

(21) PCT/AU00/01466

(22) **27 Nov/nov 2000 (27.11.2000)**

(25) en (26) en

(30) 22417/00 **20 Mar/mar 2000** AU **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A PRODUCT TEMPERATURE AND PRODUCT IDENTIFICATION DEVICE
• DISPOSITIF D'AFFICHAGE DE LA TEMPERATURE ET D'IDENTIFICATION POUR PRODUITS

(71) **JONES, Glynn, David** [AU/AU]; 30 Payne Street, Mt. Louisa, Queensland 4814 (AU). *(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **JONES, Brett, David** [AU/AU]; 2/6 Cutler Court, Mt. Louisa, Queensland 4814 (AU).

(74) **DE JONGE, Ian**; Cullen & Co., Level 26, 239 George Street, Brisbane, Queensland 4000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G09F 3/03, B65D 55/02**

(11) **WO 01/71699** (13) A1

(21) PCT/CH00/00168

(22) **23 Mar/mar 2000 (23.03.2000)**

(25) de (26) de

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SECURITY SEAL TO BE PULLED THROUGH
• FERMETURE DE SECURITE A LANGUETTE TRAVERSANTE

(71) **STOBA AG** [CH/CH]; Seestrasse 7, CH-9326 Horn (CH). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KÄGI, Dominik** [CH/CH]; Metzgergasse 7, CH-9320 Arbon (CH).

(74) **PATENTANWALTSBUREAU JEAN HUNZIKER AG**; Siewerdtstrasse 95, CH-8050 Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G09F 7/00, 21/02**

(11) **WO 01/71700** (13) A1

(21) PCT/US01/07914

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 09/531,644 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HAND-HELD NOVELTY SIGN
• NOUVELLE PANCARTE PORTATIVE

(71, 72) **BUCKLEY, John, F.** [US/US]; 1008 Garden Street, Park Ridge, IL 60068 (US).

(74) **DOCTER, Stephen, H.**; McDonnell Boehnen Hulbert & Berghoff, 300 South Wacker Drive, Suite 3200, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G09G 3/20**

(11) **WO 01/71701** (13) A2

(21) PCT/IB01/00461

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/534,363 **24 Mar/mar 2000** US **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SELECTED DATA COMPRESSION FOR DIGITAL PICTORIAL INFORMATION
• COMPRESSION DE DONNEES SELECTIONNEES POUR INFORMATIONS GRAPHIQUES NUMERIQUES

(71) **LIGHTHOUSE TECHNOLOGIES LTD.** [CN/CN]; HKPC Building, 5th Floor, 78 Tat Chee Avenue, Kowloon, Hong Kong (CN). *(for all designated States except / pour tous les États désignés sauf US)*

(71) **DAVIES, Paul, Richard** [NZ/CN]; 7th Floor, Alexandra House, Chater Road, Central, Hong Kong (CN). *(only for / seulement pour NZ)*

(72, 75) **VAN DE VEN, Antony** [AU/CN]; HKPC Building, 5th Floor, 78 Tat Chee Avenue, Kowloon, Hong Kong (CN).

(74) **DAVIES, Paul, Richard**; 7th Floor, Alexandra House, Chater Road, Central, Hong Kong (CN).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G09G 3/28**

(11) **WO 01/71702** (13) A2

(21) PCT/EP01/02668

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) en (26) en

(30) 00250099.9 **22 Mar/mar 2000** EP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR PROCESSING VIDEO PICTURE DATA FOR DISPLAY ON A DISPLAY DEVICE

- PROCEDE ET SYSTEME DE TRAITEMENT DE DONNEES D'IMAGES VIDEO DESTINEES A ETRE AFFICHEES SUR UN DISPOSITIF D'AFFICHAGE

(71) **THOMSON LICENSING S.A.** [FR/FR]; 46, quai A. Le Gallo, F-92100 Boulogne-Billancourt (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CORREA, Carlos** [PT/DE]; Lichtenberger Weg 4, 78056 Villingen-Schwenningen (DE). **WEITBRUCH, Sébastien** [FR/DE]; Chabeuilstrasse 7, 78087 Mönchweiler (DE). **ZWING, Rainer** [DE/DE]; Bozener Strasse 2, 78052 Villingen-Schwenningen (DE).

(74) **SCHÄFERJOHANN, Volker**; Deutsche Thomson-Brandt GMBH, European Patent Operations, Karl-Wiechert-Allee 74, 30625 Hannover (DE).

(81) AE AG AL AU BA BB BG BR CA CN CR CU CZ DM DZ EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LV MA MG MK MN MX NO NZ PL RO SG SI SK TT UA US UZ VN YU ZA.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G09G 3/36**

(11) **WO 01/71703** (13) A1

(21) PCT/EP01/02819

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 0006811.4 **22 Mar/mar 2000** GB **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CONTROLLER CIRCUIT FOR LIQUID CRYSTAL MATRIX DISPLAY DEVICES
• CIRCUIT DE COMMANDE POUR AFFICHEURS À CRISTAUX LIQUIDES À MATRICE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **HUGHES, John, R.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **PARKER, David, W.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **WILLIAMSON, Paul, L.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G09G 5/00, 5/08**

(11) **WO 01/71704** (13) A1

(21) PCT/US01/09001

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/532,726 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • APPARATUS AND METHOD FOR IMPROVED INFORMATION INPUT FOR INTERNET ACCESS
• APPAREIL ET PROCEDE D'ENTREE D'INFORMATION ET D'ACCES A INTERNET AMELIORES

(71, 72) **WEST, Winston** [US/US]; 6550 Brook Lake Drive, Dallas, TX 75248 (US).

(74) **MONTEBELLO, Mary, A.**; Patton Boggs LLP, 2550 M Street, N.W., Washington, DC 20037 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G10D 3/18**

(11) **WO 01/71705** (13) A1

(21) PCT/GB01/01296

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 0006905.4 **23 Mar/mar 2000** GB **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COLLAR BONE REST FOR A STRINGED INSTRUMENT
• INSTRUMENT À CORDES AVEC DISPOSITIF D'APPUI SUR LA CLAVICULE

(71, 72) **BENHAM, William** [GB/GB]; The Limes, Bottlesford, Pewsey, Wilts. SN9 6LU (GB).

(74) **BOULT WADE TENNANT**; Verulum Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G10H 7/00, 1/06**

(11) **WO 01/71706** (13) A1

(21) PCT/US01/09066

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,368 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • GENERATING A MUSICAL PART FROM AN ELECTRONIC MUSIC FILE
• PRODUCTION D'UN MORCEAU DE MUSIQUE A PARTIR D'UN FICHIER DE MUSIQUE ELECTRONIQUE

(63) US 60/191,368 (CIP)
22 Mar/mar 2000 (22.03.2000)

(71) **MUSICPLAYGROUND INC.** [US/US]; 3 Riverside Drive, Andover, MA 01810 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PAQUETTE, John** [US/US]; 3 Brattle Drive, Apartment #7, Arlington, MA 02474 (US). **FERRY, Robert** [US/US]; 55 Chester Street, Winchester, MA 01890 (US).

(74) **PRAHL, Eric, L.**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G10K 11/162, C08J 5/18**

(11) **WO 01/71707** (13) A1

(21) PCT/JP00/01720

(22) **21 Mar/mar 2000 (21.03.2000)**

(25) ja (26) ja

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SOUND ABSORBING FILM
• FILM D'ISOLATION PHONIQUE

(71) **SHISHIAI-KABUSHIKIGAISHA** [JP/JP]; 12, Shin-hazama, Shin-hazama, Seki-shi, Gifu 501-3923 (JP).

(72) **HORI, Mitsuo**; Shishiai-kabushikigaisha, 12, Shin-hazama, Seki-shi, Gifu 501-3923 (JP). **YOSHIKAWA, Kazuhiro**; Shishiai-kabushikigaisha, 12, Shin-hazama, Seki-shi, Gifu 501-3923 (JP).

(74) **HIROE, Takenori**; 631-7, Masaki-kurifune, Gifu-shi, Gifu 502-0857 (JP).

(81) JP.

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(51)[7] **G10K 15/02**

(11) **WO 01/71708** (13) A1

(21) PCT/JP01/02267

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-84947 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DATA DISTRIBUTING METHOD, DATA DISTRIBUTING SYSTEM, COMPUTER, REPRODUCING DEVICE AND RECORDING MEDIUM
• PROCEDE ET SYSTEME DE DISTRIBUTION DE DONNEES, ORDINATEUR, DISPOSITIF DE REPRODUCTION ET SUPPORT D'ENREGISTREMENT

(71) **SANYO ELECTRIC CO., LTD.** [JP/JP]; 5-5, Keihan-hondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NISHIKAWA, Youichiro** [JP/JP]; c/o SANYO ELECTRIC CO., LTD., 5-5, Keihan-hondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP).

(74) **KOHNO, Takao**; C/O KOHNO PATENT OFFICE, 4-3, Tsuriganecho 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0035 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G10L 19/04**

(11) **WO 01/71709** (13) A1

(21) PCT/US01/08862

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/190,371 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 09/811,187 **16 Mar/mar 2001** US **(16.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • REW PARAMETRIC VECTOR QUANTIZATION AND DUAL-PREDICTIVE SEW VECTOR QUANTIZATION FOR WAVEFORM INTERPOLATIVE CODING
• QUANTIFICATION VECTORIELLE PARAMETRIQUE REW ET QUANTIFICATION VECTORIELLE SEW POUR UN CODAGE INTERPOLATIF DE FORME D'ONDE

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 12th Floor, 1111 Franklin Street, Oakland, CA 94607-5200 (US).

(72) **GOTTESMAN, Oded**; University of California, Santa Barbara, Electrical and Computer Engineering, Engineering I, Room 3166, Santa Barbara, CA 93106 (US). **GERSHO, Allen**; University of California, Santa Barbara, Electrical and Computer Engineering, Engineering I, Room 3166, Santa Barbara, CA 93106 (US).

(74) **BERLINER, Robert**; Fulbright & Jaworski L.L.P., 29th Floor, 865 S. Figueroa Street, Los Angeles, CA 90017-2576 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G11B 5/02**

(11) **WO 01/71710** (13) A1

(21) PCT/JP01/02082

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) ja (26) ja

(30) 2000-77327 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ROTARY HEAD DEVICE
• DISPOSITIF A TETE ROTATIVE

(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) **ITO, Masakazu** [JP/JP]; 1122-12, Iioka, Saijo-shi, Ehime 793-0010 (JP). **TAKAHASHI, Hisashi** [JP/JP]; 328, Nakahime, Onoharacho, Mitoyo-gun, Kagawa 769-1612 (JP). **ISHIKAWA, Katsuo** [JP/JP]; 645-8, Goro Kou, Ozu-shi, Ehime 795-0051 (JP).

(74) **MORIMOTO, Yoshihiro**; All Nippon Airways(Nishi-Hommachi)Bldg., 4th Floor, 10-10, Nishi-Hommachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0005 (JP).

(81) CN ID US.

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(51)[7] **G11B 5/127**

(11) **WO 01/71711** (13) A1

(21) PCT/EP01/02528

(22) **6 Mar/mar 2001 (06.03.2001)**

(25) en (26) en

(30) 00890087.0 **21 Mar/mar 2000** EP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MAGNETIC HEAD HAVING A MAGNET CORE COMPRISING TWO CORE ELEMENTS AND A REAR TERMINATING ELEMENT CONNECTED BY A NON-CONNECTING LAYER
• TETE MAGNETIQUE DOTEE D'UN NOYAU D'AIMANT COMPRENANT DEUX ELEMENTS DE NOYAU ET UN ELEMENT DE RACCORDEMENT ARRIERE CONNECTE PAR UNE COUCHE N'ENGENDRANT PAS DE CONNEXION

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **SUMMER, Josef**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **KOCISEK, Karl**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **TRAXLMAYR, Ulrich**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **WEBER, Helmut**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G11B 5/187, 5/127, 11/105**

(11) **WO 01/71712** (13) A1

(21) PCT/JP01/01881

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) ja (26) ja

(30) 2000-81852 **17 Mar/mar 2000** JP **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MAGNETIC HEAD AND OPTOMAGNETIC DISK RECORDER
• TETE MAGNETIQUE ET ENREGISTREUR DE DISQUES OPTOMAGNETIQUES

(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) **OHMORI, Takashi** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) **KOIKE, Akira** et al. / etc.; No.11 Mori Bldg., 6-4, Toranomon 2-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) JP US.

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(51)[7] **G11B 5/29**

(11) **WO 01/71713** (13) A1

(21) PCT/US01/09118

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,209 **22 Mar/mar 2000** US **(22.03.2000)**

(30) 09/814,637 **22 Mar/mar 2001** US **(22.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • READ HEADS IN PLANAR MONOLITHIC INTEGRATED CIRCUIT CHIPS
• TETES DE LECTURE DANS UN MICROCIRCUIT INTEGRE MONOLITHIQUE PLAN

(71) **NVE CORPORATION** [US/US]; 11409 Valley View Road, Eden Prairie, MN 55344 (US).

(72) **DAUGHTON, James, M.**; 18687 Melrose Chase, Eden Prairie, MN 55347 (US). **POHM, Arthur, V.**; 1704 Woodhaven Circle, Ames, IA 50010 (US).

(74) **NEILS, Theodore, F.** et al. / etc.; Kinney & Lange, P.A., Kinney & Lange Building, 312 South Third Street, Minneapolis, MN 55415-1002 (US).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G11B 5/31**

(11) **WO 01/71714** (13) A1

(21) PCT/FR01/00840

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) fr (26) fr

(30) 00/03635 **22 Mar/mar 2000** FR **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INTEGRATED MAGNETIC HEAD FOR HELICAL MAGNETIC RECORDING ON TAPE AND METHOD FOR MAKING SAME
• TETE MAGNETIQUE INTEGREE POUR L'ENREGISTREMENT MAGNETIQUE HELICOIDAL SUR BANDE ET SON PROCEDE DE FABRICATION

(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) **FIEVRE, Mickaël** [FR/FR]; 29, quai Claude Bernard, F-38000 Grenoble (FR). **ALBERTINI, Jean-Baptiste** [FR/FR]; 194, cours de la Libération, F-38100 Grenoble (FR). **GAUD, Pierre** [FR/FR]; 111, impasse des Magnolias, F-38500 Coublevie (FR). **SIBUET, Henri** [FR/FR]; 7, rue des Ecoles, F-38120 Le Fontanil (FR).

(74) **LEHU, Jean**; Brevatome, 3, rue du Docteur Lancereaux, F-75008 Paris (FR).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **G11B 7/24**

(11) **WO 01/71715** (13) A2

(21) PCT/IL01/00263

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/191,255 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHODS AND APPARATUS FOR RECORDING AND REPRODUCING A SUBWAVELENGTH RESOLUTION IONIZATION RADIATION IMAGES AND MEDIUM FOR IT
• PROCEDES ET APPAREIL DESTINES A ENREGISTRER ET A REPRODUIRE DES IMAGES DE RAYONNEMENT D'IONISATION A RESOLUTION SOUS LONGUEUR D'ONDES ET MILIEU ASSOCIE

(71) **TEXEL F.C.G. TECHNOLOGY (2100) LTD.** [IL/IL]; Industrial Zone P.O.B. 151, 12900 Kazrin (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAGLI, Lev** [IL/IL]; 11/11 Schprincak st., 49531 Petach Tikva (IL). **FRIDLAND, Igor** [IL/IL]; 52/51 Moshe Sharet st., 58553 Holon (IL).

(74) **NOAM, Meir**; P.O. Box 34335, 91342 Jerusalem (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G11B 7/24**

(11) **WO 01/71716** (13) A1

(21) PCT/JP01/02306

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) ja (26) ja

(30) 2000-84851 **24 Mar/mar 2000** JP **(24.03.2000)**

(30) 2000-288602 **22 Sep/sep 2000** JP **(22.09.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • OPTICAL DISC
• DISQUE OPTIQUE

(71, 72) **ITO, Tomoaki** [JP/JP]; 4-2-3-104, Shiginonishi, Joto-ku, Osaka-shi, Osaka 536-0014 (JP).

(74) **SHIMIZU, Hisayoshi** et al. / etc.; Idemitsu Nagahori Building, 4-26, Minamisemba 3-chome, Chuo-ku, Osaka-shi, Osaka 542-0081 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G11B 23/40, 23/28**

(11) **WO 01/71717** (13) A1

(21) PCT/GB01/01099

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 0006512.8 **18 Mar/mar 2000** GB **(18.03.2000)**

(30) 0011904.0 **18 May/mai 2000** GB **(18.05.2000)**

(30) 0024859.1 **11 Oct/oct 2000** GB **(11.10.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INDICATION DEVICE AND ARTICLE INCORPORATING SAME
• DISPOSITIF INDICATEUR ET ARTICLE COMPRENANT CE DERNIER

(71) **3LFANTS LIMITED** [GB/GB]; 19 Abbots Close, Knowle, Solihull, West Midlands B93 9PP (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CONSTANTINOU, Andreas, Sotiriou** [GB/GB]; 19 Abbots Close, Knowle, Solihull, West Midlands B93 9PP (GB). **SOTIRIOU, Marios, Panikos** [GB/GB]; 2 High Trees Road, Knowle, Solihull, West Midlands B93 9PR (GB). **DAVIES, Guy** [GB/GB]; 52 Clopton Road, Stratford-Upon-Avon, Warwickshire CV37 6SN (GB).

(74) **MOSEY, Stephen, George** et al. / etc.; Marks & Clerk, Alpha Tower, Suffolk Street Queensway, Birmingham B1 1TT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G11B 27/00**

(11) **WO 01/71718** (13) A1

(21) PCT/JP01/02081

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) ja (26) ja

(30) 2000-79189 **22 Mar/mar 2000** JP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MAGNETIC DISK UNIT
• UNITE A DISQUE MAGNETIQUE

(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) **MIYABE, Jiro** [JP/JP]; 235-1-106, Kitagawa, Saijo-shi, Ehime 793-0042 (JP).

(74) **MORIMOTO, Yoshihiro**; All Nippon Airways(Nishi-Hommachi)Bldg., 4th Floor, 10-10, Nishi-Hommachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0005 (JP).

(81) CN ID KR SG US.

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(51)[7] **G11B 27/034, G06F 3/033, 9/44, G11B 27/34**

(11) **WO 01/71719** (13) A1

(21) PCT/US01/02771

(22) **26 Jan/jan 2001 (26.01.2001)**

(25) en (26) en

(30) 09/528,628 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FACILITATING ACCESS TO DIGITAL VIDEO

- ACCES FACILITE A DES DONNEES VIDEO NUMERIQUES

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Blvd., Santa Clara, CA 95052 (US).

(72) **CLAPPER, Edward, O.**; 101 East Rivera Drive, Tempe, AZ 85282 (US).

(74) **TROP, Timothy, N.**; Trop, Pruner & Hu, P.C., 8554 Katy Freeway, Suite 100, Houston, TX 77024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G11C**

(11) **WO 01/71720** (13) A2

(21) PCT/US01/08531

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/533,526 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- METHOD AND APPARATUS FOR A FLEXIBLE CONTROLLER INCLUDING AN IMPROVED OUTPUT ARRANGEMENT FOR A DRAM GENERATOR SYSTEM
- PROCEDE ET APPAREIL DESTINES A UNE UNITE DE COMMANDE FLEXIBLE, COMPRENANT UN ARRANGEMENT DE SORTIE AMELIORE POUR UN SYSTEME GENERATEUR DRAM

(71) **INFINEON TECHNOLOGIES NORTH AMERICA CORP.** [US/US]; 1730 North First Street, San Jose, CA 95112-4508 (US).

(72) **WEINFURTNER, Oliver**; 35 Roberts Road, Wappingers Falls, NY 12590 (US).

(74) **BRADEN, Stanton, C.** et al. / etc.; Siemens Corporation - Intellectual Property Dept., 186 Wood Ave. South, Iselin, NJ 08830 (US).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G11C 5/00**

(11) **WO 01/71721** (13) A2

(21) PCT/US01/08302

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 09/534,103 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- METHOD AND APPARATUS FOR AN IMPROVED RESET AND POWER-ON ARRANGEMENT FOR A DRAM GENERATOR CONTROLLER
- PROCEDE ET APPAREIL DESTINES A UN ARRANGEMENT AMELIORE DE MISE EN MARCHE ET DE REINITIALISATION D'UNE UNITE DE COMMANDE DE GENERATEUR DE MEMOIRE A ACCES ALEATOIR DYNAMIQUE (DRAM)

(71) **INFINEON TECHNOLOGIES NORTH AMERICA CORP.** [US/US]; 1730 North First Street, San Jose, CA 95112-4508 (US).

(72) **WEINFURTNER, Oliver**; 35 Roberts Road, Wappingers Falls, NY 12590 (US).

(74) **BRADEN, Stanton, C.** et al. / etc.; Siemens Corporation - Intellectual Property Dept., 186 Wood Ave. South, Iselin, NJ 08830 (US).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G11C 8/14, 5/02**

(11) **WO 01/71722** (13) A1

(21) PCT/NO01/00124

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 20001469 **22 Mar/mar 2000** NO **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- MULTIDIMENSIONAL ADDRESSING ARCHITECTURE FOR ELECTRONIC DEVICES
- ARCHITECTURE D'ADRESSAGE MULTIDIMENSIONNELLE POUR DISPOSITIFS ELECTRONIQUES

(71) **THIN FILM ELECTRONICS ASA** [NO/NO]; P.O. Box 1872 Vika, N-0124 Oslo (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERGGREN, Magnus** [SE/SE]; Bergsbadsvägen 14, S-590 77 Vreta Kloster (SE). **NORDAL, Per-Erik** [NO/NO]; Båstadryggen 19, N-1387 Asker (NO). **LEISTAD, Geirr, I.** [NO/NO]; Jongsstubben 19, N-1337 Sandvika (NO).

(74) **LEISTAD, Geirr, I.**; Thin Film Electronics ASA, P.O. Box 1872 Vika, N-0124 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G11C 11/00**

(11) **WO 01/71723** (13) A2

(21) PCT/US01/08532

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/534,104 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- METHOD AND APPARATUS FOR A FLEXIBLE CONTROLLER FOR A DRAM GENERATOR SYSTEM
- PROCEDE ET APPAREIL DESTINES A UNE UNITE DE COMMANDE FLEXIBLE POUR UN SYSTEME GENERATEUR DRAM

(71) **INFINEON TECHNOLOGIES NORTH AMERICA CORP.** [US/US]; 1730 North First Street, San Jose, CA 95112-4508 (US).

(72) **WEINFURTNER, Oliver**; 35 Roberts Road, Wappingers Falls, NY 12590 (US).

(74) **BRADEN, Stanton, C.** et al. / etc.; Siemens Corporation - Intellectual Property Dept., 186 Wood Ave. South, Iselin, NJ 08830 (US).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G11C 11/4074, 5/14, 11/4072, 7/20**

(11) **WO 01/71724** (13) A1

(21) PCT/US01/08030

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 09/534,102 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- METHOD AND APPARATUS FOR AN EASY IDENTIFICATION OF A STATE OF A DRAM GENERATOR CONTROLLER
- PROCEDE ET APPAREIL D'IDENTIFICATION FACILE D'UN ETAT D'UN CONTROLEUR DE GENERATEUR DRAM

(71) **INFINEON TECHNOLOGIES NORTH AMERICA CORP.** [US/US]; 1730 North First Street, San Jose, CA 95112-4508 (US).

(72) **WEINFURTNER, Oliver**; 35 Roberts Road, Wappingers Falls, NY 12590 (US).

(74) **BRADEN, Stanton, C.** et al. / etc.; Siemens Corporation, Intellectual Property Dept., 186 Wood Ave. South, Iselin, NJ 08830 (US).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G11C 29/00**

(11) **WO 01/71725** (13) A1

(21) PCT/EP01/02705

(22) **10 Mar/mar 2001 (10.03.2001)**

(25) de (26) de

(30) 100 14 378.4 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- METHOD AND DEVICE FOR PROCESSING ERROR ADDRESSES
- PROCEDE ET DISPOSITIF DE TRAITEMENT D'ADRESSES D'ERREUR

(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) **DAEHN, Wilfried** [DE/DE]; Mittelweg 18C, 29277 Celle (DE).

(74) **BECK, Josef** et al. / etc.; Wilhelm & Beck, Nymphenburger Strasse 139, 80636 München (DE).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **G11C 29/00**

(11) **WO 01/71726** (13) A2

(21) PCT/US01/08530

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/533,226 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR IMPROVING THE TESTING, YIELD AND PERFORMANCE OF VERY LARGE SCALE INTEGRATED CIRCUITS
• PROCEDE ET APPAREIL DESTINES A AMELIORER LE TEST, LE RENDEMENT ET LE FONCTIONNEMENT DE CIRCUITS INTEGRES A TRES GRANDE ECHELLE

(71) **INFINEON TECHNOLOGIES NORTH AMERICA CORP.** [US/US]; 1730 North First Street, San Jose, CA 95112-4508 (US). **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; New Orchard Road, Armonk, NY 10504 (US). **KABUSHIKI KAISHA TOSHIBA** [JP/JP]; 72, Horikawa-Cho, Saiwai-Ku, Kawasaki-Shi, Kanagawa (JP).

(72) **GALL, Martin**; Turnestr. 32, 81827 Munich (DE). **ELLIS, Wayne**; 25 Sunset Ridge, Jericho, VT 05465 (US). **MIYAMOTO, Shiniji**; 4-1-6-202, Hino-Minami, Konan-Ku, 234-0055 (JP). **YOSHIHARA, Masahiro**; 2-5-1 #2509-043 Snimidal, Isogo-Ku, 235-0022 (JP).

(74) **BRADEN, Stanton, C.** et al. / etc.; Siemens Corporation - Intellectual Property Dept., 186 Wood Ave. South, Iselin, NJ 08830 (US).

(81) JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **G21C**

(11) **WO 01/71727** (13) A2

(21) PCT/US01/07106

(22) **6 Mar/mar 2001 (06.03.2001)**

(25) en (26) en

(30) 60/186,984 **6 Mar/mar 2000** US **(06.03.2000)**

(30) 09/795,157 **28 Feb/fév 2001** US **(28.02.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AGGLOMERATED BORON CARBIDE AND METHOD FOR PRODUCING SAME
• CARBURE DE BORE AGGLOMERE ET SON PROCEDE DE PRODUCTION

(71) **ALEX VENTURES LTD. CO., LLC.** [US/US]; 6942 FM 1960E No. 185, Humble, TX 77346 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PARKER, Gerard, E.** [US/US]; 1201 Colony Court, Apt. 1, Zanesville, OH 43701 (US).

(74) **BRANNON, C., John** et al. / etc.; Woodard, Emhardt, Naughton, Moriarty & McNett, 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G21C 3/07, C22C 16/00**

(11) **WO 01/71728** (13) A1

(21) PCT/SE01/00576

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) sv (26) en

(30) 0000919-1 **20 Mar/mar 2000** SE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A COMPONENT INCLUDING A ZIRCONIUM ALLOY, A METHOD FOR PRODUCING SAID COMPONENT, AND A NUCLEAR PLANT INCLUDING SAID COMPONENT
• COMPOSANT COMPRENANT UN ALLIAGE DE ZIRCONIUM, PROCEDE DE PRODUCTION DUDIT COMPOSANT ET CENTRALE NUCLEAIRE DOTEE DUDIT COMPOSANT

(71) **WESTINGHOUSE ATOM AB** [SE/SE]; S-721 63 Västerås (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HULTQUIST, Gunnar** [SE/SE]; Östaviksvägen 13, S-640 61 Stallarholmen (SE). **LIMBÄCK, Magnus** [SE/SE]; Släggargatan 16, S-723 37 Västerås (SE). **WIKMARK, Gunnar** [SE/SE]; Oslogatan 49, S-752 64 Uppsala (SE).

(74) **BERGLUND, Stefan** et al. / etc.; Bjerkéns Patentbyrå KB, Östermalmsgatan 58, S-114 50 Stockholm (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **G21C 13/087**

(11) **WO 01/71729** (13) A1

(21) PCT/DE01/00898

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) de (26) de

(30) 100 13 865.9 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR REDUCING THE CORROSION OF A COMPONENT IN A NUCLEAR FACILITY AND A COMPONENT OF A NUCLEAR FACILITY
• PROCEDE POUR REDUIRE LA CORROSION D'UN COMPOSANT DANS UNE INSTALLATION NUCLEAIRE ET COMPOSANT D'UNE INSTALLATION NUCLEAIRE

(71) **FRAMATOME ANF GMBH** [DE/DE]; Freieslebenstrasse 1, 91058 Erlangen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STELLWAG, Bernhard** [DE/DE]; Kühgassfelderweg 1, 90482 Nürnberg (DE). **VAZ, Patricia** [FR/DE]; Äussere Grossweidenmühlstr. 36, 90419 Nürnberg (DE).

(74) **MÖRTEL UND HÖFNER**; Blumenstrasse 1, 90402 Nürnberg (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H00L 21/302, 21/304, 21/306, B24B 1/00**

(11) **WO 01/71730** (13) A1

(21) PCT/US01/08507

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 60/190,478 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 60/190,276 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEMS AND METHODS TO REDUCE GRINDING MARKS AND METALLIC CONTAMINATION
• SYSTEMES ET PROCEDES DESTINES A REDUIRE DES MARQUES DE PONçAGE ET UNE CONTAMINATION METALLIQUE

(71) **WAFER SOLUTIONS, INC** [US/US]; 4576 Enterprise Street, Freemont, CA 94538 (US).

(72) **VEPA, Krishna**; 1674 Vetta Lane, Livermore, CA 94550 (US). **DOBSON, Duncan**;

129 Albion Avenue, Woodside, CA 94642 (US).

(74) **HAMILTON, Douglas, M.** et al. / etc.; Townsend and Townsend and Crew LLP, Suite 2700, 1200 Seventeenth Street, Denver, CO 80202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01B 7/08**

(11) **WO 01/71731** (13) A1

(21) PCT/US00/22153

(22) **10 Aug/août 2000 (10.08.2000)**

(25) en (26) en

(30) 09/531,284 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MASSIVELY WIDE PARALLEL CONDUCTOR CABLE AND METHOD FOR MAKING SAME
• CABLE CONDUCTEURS PARALLELES MASSIVEMENT LARGES ET PROCEDE DE FABRICATION

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **SPRINGER, Denis, D.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **VOTH, James, H.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **MCNUTT, Matthew, B.** et al. / etc.; Office Of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01F 1/11, B03C 1/01, C12N 15/10**

(11) **WO 01/71732** (13) A2

(21) PCT/EP01/03294

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/192,093 **24 Mar/mar 2000** US **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • POROUS FERRO- OR FERRIMAGNETIC GLASS PARTICLES FOR ISOLATING MOLECULES
• PARTICULES DE VERRE FERRO- OU FERRIMAGNETIQUES POREUSES SERVANT A ISOLER DES MOLECULES

(71) **QIAGEN GMBH** [DE/DE]; Max-Volmer-Strasse 4, 40724 Hilden (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAUER, Philippe** [DE/DE]; Poststrasse 38, 40721 Hilden (DE). **SPRINGER, Bernd** [DE/DE]; Kastanienallee 18, 42489 Wülfrath (DE). **MANZ, Thomas** [DE/DE]; Otto-Petersen-Strasse 4, 40237 Düsseldorf (DE). **RITT, Christoph** [DE/DE]; Wilhelmine-Fliedner-Strasse 10, 40723 Hilden (DE). **FABIS, Roland** [DE/DE]; Bahnhofstrasse 20, 42781 Haan (DE).

(74) **ZIMMERMANN, Gerd** et al. / etc.; Zimmermann & Partner, Postfach 330 920, 80069 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01F 6/06, 36/00, 41/02, H03F 19/00**

(11) **WO 01/71733** (13) A1

(21) PCT/AU01/00315

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) PQ 6376 **21 Mar/mar 2000** AU **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A SUPERCONDUCTING TRANSFORMER
• TRANSFORMATEUR SUPRACONDUCTEUR

(71) **METAL MANUFACTURES LIMITED** [AU/AU]; 19-21 Loyalty Road, North Rocks, NSW 2151 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DARMANN, Francis, Anthony** [AU/AU]; 5 Glenda Place, Mount Kuring-Gai, NSW 2080 (AU).

(74) **BALDWIN SHELSTON WATERS**; 60 Margaret Street, Sydney, NSW 2000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01F 10/32, 41/30**

(11) **WO 01/71734** (13) A2

(21) PCT/US01/08987

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/532,572 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MULTI-LAYER TUNNELING DEVICE WITH A GRADED STOICHIOMETRY INSULATING LAYER
• DISPOSITIF A TUNNEL MULTICOUCHE AVEC COUCHE D'ISOLATION A STOECHIOMETRIE PROGRESSIVE

(71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **SLAUGHTER, Jon**; 9251 South Kenneth Place, Tempe, AZ 85284 (US).

(74) **INGRASSIA, Vincent, B.** et al. / etc.; P.O. Box 10219, Scottsdale, AZ 85271-0219 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01F 10/32, 41/30**

(11) **WO 01/71735** (13) A1

(21) PCT/US01/09327

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/532,721 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MAGNETIC ELEMENT WITH AN IMPROVED MAGNETORESISTANCE RATIO
• ELEMENT MAGNETIQUE AVEC MAGNETORESISTANCE AMELIOREE

(71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **CHEN, Eugene**; 1143 West Sherri Drive, Gilbert, AZ 85233 (US).

(74) **INGRASSIA, Vincent, B.** et al. / etc.; Motorola, Inc., P.O. Box 10219, Scottsdale, AZ 85271-0219 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM

DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01F 27/32, 41/12**

(11) **WO 01/71736** (13) A1

(21) PCT/US01/05463

(22) **21 Feb/fév 2001 (21.02.2001)**

(25) en (26) en

(30) 09/527,781 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TANSFORMER WITH MOLDED FLANGES AND METHOD
• TRANSFORMATEUR A COLLERETTES D'ENCASTREMENT MOULEES ET PROCEDE ASSOCIE

(71) **MIDCOM, INC.** [US/US]; 121 Airport Drive, Watertown, SD 57201-6330 (US).

(72) **RIGDON, Donald, Burnell**; 1011 - 17th Street N.E., Watertown, SD 57201 (US). **PFEIFER, Patrick, L.**; 500 13th Street Northeast, Watertown, SD 57201 (US). **PEDERSEN, Melvin, P.**; 506 South Broadway, Watertown, SD 57201 (US). **ROWE, Michael**; Little Orchard, Harewood Road, Little Chalfont, Buckinghamshire HP8 4UA (GB). **DOCKTER, Kim, Stuart**; 406 20th Avenue Northwest, Watertown, SD 57201 (US).

(74) **BRUESS, Steven, C.**; Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01F 41/06**

(11) **WO 01/71737** (13) A1

(21) PCT/EP01/03438

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 830220.0 **23 Mar/mar 2000** EP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEVICE FOR FORMATION OF SKEINED SECTIONS ON THIN METALLIC WIRES
• DISPOSITIF PERMETTANT DE FORMER DES SECTIONS D'ECHEVETTE SUR DES FILS METALLIQUES FINS

(71) **SIPRO S.R.L.** [IT/IT]; Via Privata G. Natta 3, I-20030 Lentate sul Seveso (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOTTON, Giulio** [IT/IT]; Via Giambellino 44, I-20100 Milano (IT).

(74) **ARENA, Giovanni**; Viale Certosa, 135, I-20151 Milano (IT).

(81) BR CA MX US.

Published / Publiée : *(c)*

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(51)[7] **H01G 4/00**

(11) **WO 01/71738** (13) A2

(21) PCT/US01/09314

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/533,430 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 60/229,668 **1 Sep/sep 2000** US **(01.09.2000)**

(30) 09/758,705 **11 Jan/jan 2001** US **(11.01.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • OXYGEN REDUCED NIOBIUM OXIDES
• OXYDES DE NIOBIUM A TENEUR REDUITE EN OXYGENE

(71) **CABOT CORPORATION** [US/US]; Two Seaport Lane, Suite 1300, Boston, MA 02210-2019 (US).

(72) **KIMMEL, Jonathon, L.**; 5008 Bluebird Circle, Audubon, PA 19403 (US). **KITCHELL, Ricky, W.**; 110 Spring View Drive, Douglassville, PA 19518 (US). **FIFE, James, A.**; 1352 Inverness Court, Myrtle Beach, SC 29575 (US).

(74) **LANDO, Michelle, B.**; Cabot Corporation, 157 Concord Road, P.O. Box 7001, Billerica, MA 01821-7001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01G 9/058**

(11) **WO 01/71739** (13) A1

(21) PCT/JP01/02238

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-080818 **22 Mar/mar 2000** JP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • POLARIZABLE ELECTRODE FOR ELECTRIC DOUBLE-LAYER CAPACITOR
• ELECTRODE POLARISABLE POUR CONDENSATEUR A DOUBLE COUCHE ELECTRIQUE

(71) **NGK INSULATORS, LTD** [JP/JP]; 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOGAKI, Tomohiro** [JP/JP]; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). **ONO, Masashi** [JP/JP]; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). **NAKAGAWA, Toshihiko** [JP/JP]; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP).

(74) **WATANABE, Kazuhira**; 3rd Fl. No.8 Kikuboshi Tower Building, 20-18, Asakusabashi 3-chome, Taito-ku, Tokyo 111-0053 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01H 1/06**

(11) **WO 01/71740** (13) A1

(21) PCT/JP01/02372

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-81315 **23 Mar/mar 2000** JP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METAL FOIL EXCELLENT IN ELECTRICAL CONTACT STABILITY
• FEUILLE METALLIQUE AYANT D'EXCELLENTES PROPRIETES DE STABILITE DE CONTACT ELECTRIQUE

(71) **NIPPON STEEL CORPORATION** [JP/JP]; 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIHIRA, Hiroshi** [JP/JP]; C/O NIPPON STEEL CORPORATION Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba 293-0011 (JP). **KIKUCHI, Masao** [JP/JP]; C/O NIPPON STEEL CORPORATION, 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (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) CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)[7] **H01H 3/26**

(11) **WO 01/71741** (13) A1

(21) PCT/SE01/00636

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) sv (26) en

(30) 0001032-2 **23 Mar/mar 2000 (23.03.2000)** SE

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ELECTRIC CIRCUIT BREAKER, AS WELL AS PLANT, USE AND METHOD WHERE SUCH IS USED
• DISJONCTEUR ELECTRIQUE, DISPOSITIF ET SON PROCEDE D'UTILISATION

(71) **ABB AB** [SE/SE]; S-721 83 Västerås (SE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MAGNUSSEN, Freddy** [SE/SE]; Karlfeldtsgatan 33 B, S-722 22 Västerås (SE). **KJAER, Philip** [SE/SE]; Sotargatan 22, S-724 63 Västerås (SE). **VALDEMARSSON, Stefan** [SE/SE]; Tomteboda Gäddeholm, S-725 97 Västerås (SE).

(74) **KARLSSON, Leif** et al. / etc.; L.A. Groth & Co. KB, P.O. Box 6107, S-102 32 Stockholm (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01H 3/60**

(11) **WO 01/71742** (13) A2

(21) PCT/US01/08041

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 60/190,179 **17 Mar/mar 2000 (17.03.2000)** US

(30) 09/655,647 **6 Sep/sep 2000 (06.09.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ENERGY ABSORBING CONTACT ARM STOP
• ARRET A LINGUET DE CONTACT ABSORBEUR D'ENERGIE

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **CASTONGUAY, Roger, Neil**; 5 Ellen Drive, Terryville, CT 06786 (US). **ROBARGE, Dean, Arthur**; 393 Hobart Street, Southington, CT 06489 (US).

(74) **CHASKIN, Jay, L.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) PL.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01H 9/28**

(11) **WO 01/71743** (13) A2

(21) PCT/US01/08281

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 60/190,294 **17 Mar/mar 2000 (17.03.2000)** US

(30) 09/621,914 **24 Jul/juil 2000 (24.07.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LOCKING DEVICE FOR MOLDED CASE CIRCUIT BREAKERS
• DISPOSITIF DE VERROUILLAGE POUR DISJONCTEURS EN BOITIER MOULE

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **LETIENT, Patrick**; 3, rue des Girondins, F-02100 Saint-Quentin (FR). **KRISHNAN, Vijay**; No. 3 Vandana, Ayyappanagar, Jalahilli, West Bangalore 560 015 (IN). **SHACHIDEVI, Tumkur, K.**; 155, 48th Cross, 3rd Block, Rajajinagar, Bangalore 560 010 (IN). **SRIDHAR, Kadaba, V.**; Flat Number 201, Venkata Vihar, Number 23, 12th Main, Malleswaram, Bangalore 560 034 (IN). **RANE, Mahesh, J.**; 512, 12th Main, 7th Sector, H.S.R Layout, Bangalore 560 034 (IN). **NARAYANAN, Janakiraman**; M240, Old ATSC Hudco, Hosure 635 109 (IN).

(74) **CHASKIN, Jay, L.** et al. / etc.; General Electric Company, 3135 Easton Turnpike w3c, Fairfield, CT 06431 (US).

(81) CN HU PL.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01H 9/28**

(11) **WO 01/71744** (13) A2

(21) PCT/US01/08298

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 60/190,181 **17 Mar/mar 2000 (17.03.2000)** US

(30) 09/686,660 **11 Oct/oct 2000 (11.10.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CONVERTIBLE LOCKING ARRANGEMENT ON BREAKERS
• ARRANGEMENT DE VERROUILLAGE TRANSFORMABLE POUR RUPTEURS

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **ANAND, R., Prem**; 93 Murphy Dass Road, Dr. Seepathy Nagar Chennai-600.042, Chennai-600.042 (IN). **SHACHIDEVI, Tumkur, K.**; 155, 48th Cross, 3rd Block, Rajajinagar, Bangalore-560.010 (IN). **SHANKAR, Ganesh, C.**; Number 45A, Rly. Qrts, Tiruttani R.S.631.209 (IN). **LETIENT, Patrick**; 3, rue des Girondins, F-02100 Saint-Quentin (FR). **SRIDHAR, Kadaba, V.**; Flat Number 201, Venkata Vihar, Number 23, 12th Main, Malleswaram, Bangalore-560.055 (IN). **NARAYANAN, Janakiraman**; M240, Old ATSC Hudco, Hosure, 635.109 (IN). **RANE, Mahesh, J.**; 512 12th Main, 7th Sector, H.S.R Layout, Bangalore-560.034 (IN).

(74) **CHASKIN, Jay, L.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) CN MX PL.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01H 9/34, 71/02**

(11) **WO 01/71745** (13) A1

(21) PCT/US01/08263

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 60/190,455 **17 Mar/mar 2000 (17.03.2000)** US

(30) 09/603,977 **27 Jun/juin 2000 (27.06.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • VENT SCREEN WITH REJECTION FEATURES
• ECRAN D'AERATION PRESENTANT DES CARACTERISTIQUES D'ELIMINATION

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **DOUGHTY, Dennis, John**; 17 Spring Street, Plainville, CT 06062 (US). **GREENBERG, Randall, L.**; 9 Rondure Road, Granby, CT 06035 (US).

(74) **CHASKIN, Jay, L.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) CN MX PL.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **H01H 13/70, 25/00, 3/00, G06F 3/02**

(11) **WO 01/71746** (13) A1

(21) PCT/IL01/00167

(22) **22 Feb/fév 2001 (22.02.2001)**

(25) en (26) en

(30) 135163 **19 Mar/mar 2000 (19.03.2000)** IL

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ALPHANUMERIC KEYPAD
• BLOC DE TOUCHES ALPHANUMERIQUES

(71, 72) **TSOOK, Nir** [IL/IL]; Hateena Street 36, 99797 Carmei Yosef (IL).

(74) **COLB, Sanford, T.** et al. / etc.; SANFORD T. COLB & CO., P.O. Box 2273, 76122 Rehovot (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM

DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **H01H 33/66**

(11) **WO 01/71747** (13) A2

(21) PCT/IB01/01077

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 09/532,655 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD FOR ACOUSTIC INTEGRITY MONITORING
• SYSTEME ET PROCEDE PERMETTANT D'EFFECTUER UN CONTROLE ACOUSTIQUE D'INTEGRITE DE DEPRESSION

(71) **ABB T & D TECHNOLOGY LTD., ZURICH** [CH/CH]; c/o ABB Transmission & Distribution Management Ltd., Affolternstrasse 44, CH-8050 Zurich (CH).

(72) **LANNI, Arthur, L.**; 316 South Dixon Avenue, Cary, NC 27511 (US). **GLINKOWSI, Mietek, T.**; 7520 Tanglewild Drive, Raleigh, NC 27613 (US).

(81) JP.

Declaration / Déclaration :
(s) for all designations except / pour toutes les désignations sauf US

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(51)[7] **H01H 36/02**

(11) **WO 01/71748** (13) A1

(21) PCT/DE01/00535

(22) **13 Feb/fév 2001 (13.02.2001)**

(25) de (26) de

(30) 100 13 901.9 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEVICE FOR SUPPLYING A HYDRAULIC CONSUMER WITH PRESSURE MEANS
• DISPOSITIF DESTINE A ALIMENTER UN APPAREIL CONSOMMATEUR HYDRAULIQUE EN MILIEU DE PRESSION

(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) **AICHELE, Hans** [DE/DE]; Haenflingweg 31, 70499 Stuttgart (DE). **STEUDEL, Wolfgang** [DE/DE]; Kanalstrasse 10, 74321 Bietigheim-Bissingen (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01H 71/02**

(11) **WO 01/71749** (13) A2

(21) PCT/US01/08779

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/190,748 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 09/725,417 **29 Nov/nov 2000** US **(29.11.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INTERFACE FOR AUXILIARIES USED WITH PLUG-IN BASE
• INTERFACE POUR ELEMENTS AUXILIAIRES UTILISES AVEC UNE BASE ENFICHABLE

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **RANE, Mahesh, Jaywant**; 512, 12th Main, 7th Sector, H.S.R. Layout, Bangalore 560 034 (IN). **NARAYANAN, Janakiraman**; M240, Old ATSC Hudco, Hosure 635 109 (IN). **PHANEEDRA, Tirumani, Govinda, Setty**; #427 First Main, First Cross, Bhavani Nagar, Bangalore 560 019 (IN). **KIRSHNAMURTHY, ShachiDevi, Tumkur**; 155, 48th Cross, 3rd Block, Rajajinagar, Bangalore 560 010 (IN). **KASHYAP, Pavan, Ramachandra, Vitthal**; No. 69, 3rd Cross Road, Shrirampuram, Bangalore 560 021 (IN). **NAMITHA, Chandrappa**; Number 671, 1st floor, 17th Cross, 6th Phase, J.P. Nagar, Bangalore 560 078 (IN). **SHANTRAJU, Chandrakumar**; No. 41, Shivachandra Nilaya, 6th Temple Road, Malleswaram, Bangalore 560 003 (IN).

(74) **CHASKIN, Jay, L.** et al. / etc.; General Electric Company, 3135 Easton Turnpike WC3, Fairfield, CT 06431 (US).

(81) CN HU MX PL.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01H 71/12**

(11) **WO 01/71750** (13) A1

(21) PCT/JP00/01673

(22) **17 Mar/mar 2000 (17.03.2000)**

(25) ja (26) ja

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CIRCUIT BREAKER
• DISJONCTEUR

(71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(72) **TAKAHASHI, Susumu**; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **FUSHIMI, Masahiro**; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **HOSOGAI, Setsuo**; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **YAMAGATA, Shinji**; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **HAYASHI, Michihiro**; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **SUZUKI, Ryozo**; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) **MIYATA, Kaneo** et al. / etc.; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(81) CN ID JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **H01H 71/50, 71/32**

(11) **WO 01/71751** (13) A2

(21) PCT/US01/08194

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 09/526,945 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CIRCUIT BREAKER ACCESSORY RESET SYSTEM
• SYSTEME DE REARMEMENT D'ACCESSOIRE DE DISJONCTEUR

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **CASTONGUAY, Roger, Neil**; 5 Ellen Drive, Terryville, CT 06786 (US). **ROSEN, James, Lawrence**; 478 Fern Street, West Hartford, CT 06107 (US).

(74) **CHASKIN, Jay, L.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) PL.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01H 71/50**

(11) **WO 01/71752** (13) A2

(21) PCT/US01/08348

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 60/190,293 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 09/727,028 **30 Nov/nov 2000** US **(30.11.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SELF COMPENSATING LATCH ARRANGEMENT
• DISPOSITIF DE VERROUILLAGE A AUTOCOMPENSATION

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **CASTONGUAY, Roger, Neil**; 5 Ellen Drive, Terryville, CT 06786 (US).

(74) **CHASKIN, Jay, L.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) CN MX PL.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01H 71/52**

(11) **WO 01/71753** (13) A1

(21) PCT/US01/08165

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 60/190,295 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 09/685,167 **10 Oct/oct 2000** US **(10.10.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HIGH ENERGY CLOSING MECHANISM FOR CIRCUIT BREAKERS
• MECANISME DE FERMETURE A HAUTE ENERGIE POUR DISJONCTEURS

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **CASTONGUAY, Roger, Neil**; 5 Ellen Drive, Terryville, CT 06791 (US). **CHRISTENSEN, Dave, S.**; 56 Laurel Road, Harwinton, CT 06791 (US).

(74) **CHASKIN, Jay, L.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) CN MX PL.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01H 71/70**

(11) **WO 01/71754** (13) A2

(21) PCT/US01/40312

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,298 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 60/190,765 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 09/595,278 **15 Jun/juin 2000** US **(15.06.2000)**

(30) 09/681,277 **12 Mar/mar 2001** US **(12.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • STORED ENERGY SYSTEM FOR BREAKER OPERATING MECHANISM
• SYSTEME A STOCKAGE D'ENERGIE POUR MECANISME AGISSANT SUR UN DISJONCTEUR

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **NARAYANAN, Janakiraman**; M240, Old ATSC Hudco, Hosure 635 109 (IN). **RANE, Mahesh, Jaywant**; 512, 12th Main, 7th Sector, H.S.R. Layout, Bangalore 560 034 (IN). **KRISHNAMURTHY, ShachiDevi, Tumkur**; 155, 48th Cross, 3rd Block, Rajajinagar, Bangalore 560 010 (IN). **SAHU, Biranchi, Narayan**; Nehru Naga - 6, Berhampur, Orissa 760 003 (IN). **VARMA, Dantuluri**; 67, Surya Enclave, Thiramalaghery, Seconderabad AP 500 015 (IN). **ANAND, R., Prem**; 93 Murphy Dass Road, Dr. Seethapathy Nagar, Chennai 600 042 (IN). **PHANEEDRA, Tirumani, Govinda**; #427 First Main, First Cross, Bhavani Nagar, Bangalore 560 019 (IN). **SAHOO, Satish**; GE Satyam, 4th Floor, Lake Shore Towers, Rajbhavan, Hyderabad, Andhra Pradesh 500 082 (IN).

(74) **CHASKIN, Jay, L.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) CN PL.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01H 71/70**

(11) **WO 01/71755** (13) A2

(21) PCT/US01/08850

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,765 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 09/681,278 **13 Mar/mar 2001** US **(13.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SELF-DISENGAGING CIRCUIT BREAKER MOTOR OPERATOR
• COMMANDE MOTEUR D'UN DISJONCTEUR DEBRAYABLE

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **NARAYANAN, Janakiraman**; M 240, Old ATSC Hudco, Hosure, 635 109 (IN). **RANE, Mahesh, Jaywant**; 512, 12th Main, 7th Sector, H.S.R. Layout, Bangalore 560 034 (IN). **ANAND, R., Prem**; 93 Murphy Dass Road, Dr. Seethapathy Nagar, Chennai-600 042 (IN). **SAHU, Biranchi, Narayan**; Nehru Naga - 6, Berhampur, Orissa 760 003 (IN). **VARMA, Dantuluri**; 67, Surya Enclave, Thiramalaghery, Secunderabad AP 500 015 (IN). **VANUKURI, Madhusudana, Reddy**; Flat N° 507, Plot N° 184, Mahalaxmi Homes, Moti Nagar Erragadda, Hyderabad (IN).

(74) **CHASKIN, Jay, L.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) CN MX PL.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01H 73/00, H02H 3/16**

(11) **WO 01/71756** (13) A1

(21) PCT/US01/08609

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 200.000.655 **17 Mar/mar 2000** ES **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • EARTH LEAKAGE DETECTION DEVICE
• DISPOSITIF DE DETECTION DE MISE A LA TERRE

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **GIMENEZ, Miguel, Ortiz**; C/Balmes No. 67, 20-2a, E-08225 Terrassa (ES). **COMERMA, Pere, Planas**; Avenida Abat Marcet, 321. 3-4, E-08225 Terrassa (ES).

(74) **OLSON, Timothy, J.**; Cantor Colburn LLP, 55 Griffin Road South, Bloomfield, CT 06002 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01H 85/24, H01R 9/26**

(11) **WO 01/71757** (13) A1

(21) PCT/GB01/00234

(22) **23 Jan/jan 2001 (23.01.2001)**

(25) en (26) en

(30) 0006438.6 **18 Mar/mar 2000** GB **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AN ELECTRICAL ISOLATION DEVICE
• DISPOSITIF D'ISOLATION ELECTRIQUE

(71) **BRITISH NUCLEAR FUELS PLC** [GB/GB]; Risley, Warrington, Cheshire WA3 6AS (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILSON, Graham, John** [GB/GB]; 263 Pensby Road, Heswall, Wirral, Cheshire CH61 5UA (GB).

(74) **JONES, Keith, William**; Harrison Goddard Foote, Orlando House, 11c Compstall Road, Marple Bridge, Stockport SK6 5HH (GB) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01J 1/304, 9/02, 29/04, 31/12**

(11) **WO 01/71758** (13) A1

(21) PCT/JP01/02368

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-85257 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ELECTRON SOURCE, METHOD OF MANUFACTURE THEREOF, AND FLAT DISPLAY WITH ELECTRON SOURCE

- SOURCE D'ELECTRONS ET SON PROCEDE DE FABRICATION, ET AFFICHAGE PLAT A SOURCE D'ELECTRONS

(71) **KABUSHIKI KAISHA TOSHIBA** [JP/JP]; 72, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 210-8572 (JP). **FUJI PIGMENT CO., LTD.** [JP/JP]; 23-2, Obana 2-chome, Kawanishi-shi, Hyogo 666-0015 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ITO, Takeo** [JP/JP]; 572-113, Magechi, Kumagaya-shi, Saitama 360-0161 (JP). **MIKI, Sadao** [JP/JP]; 20-1, Yamanohashicho, Kamitakano, Sakyo-ku, Kyoto-shi, Kyoto 606-0096 (JP). **SAKAI, Kazuo** [JP/JP]; 2-1-43, Seiwadaihigashi, Kawanishi-shi, Hyogo 666-0142 (JP).

(74) **SUZUYE, Takehiko** et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) GB US.

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(51)[7] **H01J 1/312, 9/02, 1/62, H01L 29/66**

(11) **WO 01/71759** (13) A1

(21) PCT/JP01/02415

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) ja (26) ja

(30) 2000-85417 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- METHOD OF GENERATING BALLISTIC ELECTRONS AND BALLISTIC ELECTRON SOLID SEMICONDUCTOR ELEMENT AND LIGHT EMITTING ELEMENT AND DISPLAY DEVICE
- PRODUCTION D'ELECTRONS BALISTIQUES, ELEMENT SEMI-CONDUCTEUR SOLIDE A ELECTRONS BALISTIQUES, ELEMENT LUMINESCENT ET DISPOSITIF D'AFFICHAGE

(71) **JAPAN SCIENCE AND TECHNOLOGY CORPORATION** [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) **KOSHIDA, Nobuyoshi** [JP/JP]; 12-8, Midori-cho 3-chome, Koganei-shi, Tokyo 184-0003 (JP).

(74) **NISHIZAWA, Toshio**; 6F, Mani-Building, 37-10, Udagawa-cho, Shibuya-ku, Tokyo 150-0042 (JP).

(81) CA CN JP KR RU SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01J 9/24, 31/21, 29/87, G09F 9/30**

(11) **WO 01/71760** (13) A1

(21) PCT/JP01/02367

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-82849 **23 Mar/mar 2000** JP **(23.03.2000)**

(30) 2000-82850 **23 Mar/mar 2000** JP **(23.03.2000)**

(30) 2000-306458 **5 Oct/oct 2000** JP **(05.10.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- SPACER ASSEMBLY FOR PLANE SURFACE DISPLAY, METHOD FOR MANUFACTURING SPACER ASSEMBLY, METHOD FOR MANUFACTURING PLANE SURFACE DISPLAY, PLANE SURFACE DISPLAY AND MOLD FOR USE IN MANUFACTURING SPACER ASSEMBLY
- ENSEMBLE ESPACEUR POUR AFFICHEUR A SURFACE PLANE, PROCEDE DE FABRICATION DE CET ENSEMBLE ESPACEUR, PROCEDE DE FABRICATION D'AFFICHEUR A SURFACE PLANE, AFFICHEUR A SURFACE PLANE ET MOULE UTILISABLE DANS LE CADRE DE LA FABRICATION DE L'ENSEMBLE ESPACEUR

(71) **KABUSHIKI KAISHA TOSHIBA** [JP/JP]; 72, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 210-8572 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAKENAKA, Shigeo** [JP/JP]; 1710-19, Higashigata, Fukaya-shi, Saitama 366-0041 (JP). **FUKUDA, Kumio** [JP/JP]; 3429-6, Uwanodai, Fukaya-shi, Saitama 366-0801 (JP). **NIKAIDO, Masaru** [JP/JP]; 2-28-9, Awata, Yokosuka-shi, Kanagawa 239-0845 (JP). **ISHIKAWA, Satoshi** [JP/JP]; G-311, 64-1, Tokiwacho, Fukaya-shi, Saitama 366-0034 (JP).

(74) **SUZUYE, Takehiko** et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN KR US.

(84) EP (DE FR GB IT NL).

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(51)[7] **H01J 11/02, 9/02, 9/26**

(11) **WO 01/71761** (13) A1

(21) PCT/JP01/02289

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) ja (26) ja

(30) 2000-84284 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- PLASMA DISPLAY PANEL AND METHOD FOR ITS MANUFACURE
- PANNEAU D'AFFICHAGE A PLASMA ET SON PROCEDE DE FABRICATION

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza-Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AOKI, Masaki** [JP/JP]; 5-12-1, Aoshinke, Minoo-shi, Osaka 562-0024 (JP). **WATANABE, Taku** [JP/JP]; 4-28-303, Amanogaharacho, Katano-shi, Osaka 576-0034 (JP). **HASEGAWA, Kazuya** [JP/JP]; 3-14, Miyukihigashimachi, Neyagawa-shi, Osaka 572-0055 (JP).

(74) **NAKAJIMA, Shiro**; 6F, Yodogawa 5-Bankan, 2-1, Toyosaki 3-chome, Kita-ku, Osaka-shi, Osaka 531-0072 (JP).

(81) CN JP KR US.

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(51)[7] **H01J 23/027**

(11) **WO 01/71762** (13) A1

(21) PCT/US01/08957

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/533,896 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- GROOVED MULTI-STAGE DEPRESSED COLLECTOR FOR SECONDARY ELECTRON SUPPRESSION
- COLLECTEUR DEPRIME A PLUSIEURS ETAGES CANNELE POUR SUPPRESSION D'ELECTRONS SECONDAIRES

(63) US 09/533,973 (CON) 21 Mar/mar 2000 (21.03.2000)

(71) **LITTON SYSTEMS, INC.** [US/US]; 21240 Burbank Boulevard, Woodland Hills, CA 91367-6675 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SYMONS, Robert, Spencer** [US/US]; 290 Surrey Place, Los Altos, CA 94022 (US).

(74) **BERLINER, Brian, M.** et al. / etc.; O'Melveny & Myers LLP, 400 South Hope Street, Los Angeles, CA 90071-2899 (US).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01J 29/07**

(11) **WO 01/71763** (13) A1

(21) PCT/EP01/02158

(22) **26 Feb/fév 2001 (26.02.2001)**

(25) en (26) en

(30) 00201008.0 **20 Mar/mar 2000** EP **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- CRT WITH IMPROVED SLOTTED MASK
- TRC AVEC MASQUE A FENTES AMELIORE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **VRIENS, Leendert**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **BAELE, Ingrid, A., F., M.**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **H01J 29/81, 31/20, 29/07**

(11) **WO 01/71764** (13) A1

(21) PCT/EP01/02159

(22) **26 Feb/fév 2001 (26.02.2001)**

(25) en (26) en

(30) 00201005.6 **20 Mar/mar 2000** EP **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COLOR DISPLAY TUBE
• TUBE CATHODIQUE COULEUR

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **JAMAR, Jacobus, H., T.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **SLUYTERMAN, Albertus, A., S.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **BAELE, Ingrid, A., F., M.**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01J 37/00**

(11) **WO 01/71765** (13) A2

(21) PCT/US01/08882

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/527,342 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PLASMA REACTOR WITH OVERHEAD RF ELECTRODE TUNED TO THE PLASMA
• REACTEUR A PLASMA EQUIPE D'UNE ELECTRODE RF SUPERIEURE ACCORDEE SUR LE PLASMA

(71) **APPLIED MATERIALS, INC.** [US/US]; P.O. Box 450A, Santa Clara, CA 95052 (US).

(72) **HOFFMAN, Daniel, J.**; 12343 Arroyo de Arguello, Saratoga, CA 95070 (US). **YIN, Gerald, Zheyao**; 5511 Country Club Parkway, San Jose, CA 95138 (US).

(74) **BERNADICOU, Michael, A.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, 7th floor, Los Angeles, CA 90025 (US).

(81) JP KR SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01J 37/22**

(11) **WO 01/71766** (13) A1

(21) PCT/FR01/00812

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) fr (26) fr

(30) 00/03501 **20 Mar/mar 2000** FR **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COLUMN SIMULTANEOUSLY FOCUSING A PARTICLE BEAM AND AN OPTICAL BEAM
• COLONNE A FOCALISATION SIMULTANEE D'UN FAISCEAU DE PARTICULES ET D'UN FAISCEAU OPTIQUE

(71) **SCHLUMBERGER TECHNOLOGIES, INC.** [US/US]; 1601 Technology Drive, San Jose, CA 95110 (US). **ORSAY PHYSICS** [FR/FR]; Z.A. Saint-Charles, F-13710 Fuveau (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BENASSAYAG, Gérard** [FR/FR]; 18, rue de Querqueille, F-31650 Saint Orens (FR). **BOUCHET, Patrick** [FR/FR]; 5, Impasse de la Brûlerie, La Chabossière, F-44220 Coueron (FR). **CORBIN, Antoine** [FR/FR]; 5, bis rue Bueno Carreiro, F-13100 Aix-en-Provence (FR). **SUDRAUD, Pierre** [FR/FR]; Avenue Paul Cézanne, F-13114 Puyloubier (FR).

(74) **FERNANDEZ, Francis**; Schlumberger Systemes, Intellectual Property Department, 50 Avenue Jean Jaurès, Bp 620-12, F-92542 Montrouge Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01J 49/04**

(11) **WO 01/71767** (13) A2

(21) PCT/EP01/03015

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 00105814.8 **18 Mar/mar 2000** EP **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DOSING UNIT WITH ELECTRICALLY POLARISED MOVING MEMBER
• UNITE DE DOSAGE COMPORTANT UN ELEMENT MOBILE POLARISE ELECTRIQUEMENT

(71) **ROBINX APS** [DK/DK]; Forskerparken 10, DK-5230 Odense M (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GRAF, Thomas** [DK/DK]; Røjlegyden 5, Nørre Søby, DK-5792 Årslev (DK). **ØRSNES, Henrik** [DK/CH]; Zelghalde 6B, CH-9500 Wil (CH). **DEGN, Hans** [DK/DK]; Østbirkvej 19, DK-5240 Odense NØ (DK).

(74) **PATRADE A/S**; Fredens Torv 3A, DK-8000 Århus C (DK).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01J 61/30**

(11) **WO 01/71768** (13) A1

(21) PCT/JP01/02223

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-79166 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DISCHARGE LAMP
• LAMPE A DECHARGE

(71) **JAPAN STORAGE BATTERY CO., LTD.** [JP/JP]; 1, Inobaba-cho, Nishinosho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8520 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAKEJI, Yasaburo** [JP/JP]; c/o JAPAN STORAGE BATTERY CO., LTD., 1, Inobaba-cho, Nishinosho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8520 (JP). **TANIGUCHI, Shinji** [JP/JP]; c/o JAPAN STORAGE BATTERY CO., LTD., 1, Inobaba-cho, Nishinosho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8520 (JP).

(74) **GORO, Kazuo** et al. / etc.; AKATSUKI UNION PATENT FIRM, Midori Nagoya Bldg. 8th Floor, 22-4, Meieki 3-chome, Nakamura-ku, Nagoya-shi, Aichi 450-0002 (JP).

(81) JP US.

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(51)[7] **H01J 61/56, 5/50**

(11) **WO 01/71769** (13) A1

(21) PCT/EP01/02752

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 00201026.2 **21 Mar/mar 2000** EP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ELECTRIC DISCHARGE LAMP
• LAMPE A DECHARGE ELECTRIQUE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **PEETERS, Nicolas, G., A.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAN DULMEN, Hendrikus, A., M.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **MULDER, Cornelis, A., M.**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01J 61/72, 61/28**

(11) **WO 01/71770** (13) A1

(21) PCT/EP01/02754

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 00201027.0 **21 Mar/mar 2000** EP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LOW-PRESSURE MERCURY-VAPOR DISCHARGE LAMP AND AMALGAM
• AMALGAME ET LAMPE A DECHARGE A VAPEUR DE MERCURE BASSE PRESSION

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **LANKHORST, Martijn, H., R.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **KEUR, Wilhelmus, C.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **KALDENHOVEN, Lambert, C., I.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **MULDER, Cornelis, A., M.**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN IN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **H01K 1/46, H01J 5/54**

(11) **WO 01/71771** (13) A1

(21) PCT/EP01/02751

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 00201034.6 **22 Mar/mar 2000** EP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ELECTRIC LAMP
• LAMPE ELECTRIQUE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **CALON, Georges, M.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VERSPAGET, Godefridus, N., M.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **ROLFES, Johannes, G., A.**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01K 1/46, H01J 5/54**

(11) **WO 01/71772** (13) A1

(21) PCT/EP01/02756

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 00201033.8 **22 Mar/mar 2000** EP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ELECTRIC LAMP
• LAMPE ELECTRIQUE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). **VOSSLOH-SCHWABE GMBH** [DE/DE]; Wasenstrasse 25, 73660 Urbach (DE).

(72) **VAN LIER, Edwin**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VERSPAGET, Godefridus, N., M.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **MIES, Cornelis, J.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **MEWS, Hans-Peter, E.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **ROLFES, Johannes, G., A.**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01L**

(11) **WO 01/71773** (13) A2

(21) PCT/DE01/01107

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) de (26) de

(30) 100 14 379.2 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND DEVICE FOR CONNECTING AT LEAST ONE CHIP TO A REWIRING ARRANGEMENT
• PROCEDE ET DISPOSITIF PERMETTANT DE CONNECTER AU MOINS UNE PUCE AVEC UN CABLAGE

(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) **HAUSER, Christian** [DE/DE]; Kurt-Schumacher-Str. 12, 93049 Regensburg (DE). **REISS, Martin** [DE/DE]; Roritzerstr. 13, 93047 Regensburg (DE). **WINDERL, Johann** [DE/DE]; Am Forsthaus 8, 92442 Wackersdorf (DE).

(74) **SCHWEIGER, Martin**; Leopoldstrasse 77, 80802 München (DE).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01L**

(11) **WO 01/71774** (13) A2

(21) PCT/US01/08563

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,373 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LEFT HANDED COMPOSITE MEDIA
• MILIEU COMPOSITE POLARISÉ À GAUCHE

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [—/US]; 1111 Franklin Street, Oakland, CA 94607-5200 (US).

(72) **SMITH, David**; P.O. Box 948532, LaJolla, CA 92037 (US). **SCHULTZ, Sheldon**; 8415 Sugarman Drive, LaJolla, CA 92037 (US). **KROLL, Norman**; 2457 Calle DelOro, LaJolla, CA 92037-2002 (US). **SHELBY, Richard, A.**; 11072 Lopez Ridge Way, San Diego, CA 92121 (US).

(74) **FALLON, Steven, P.**; Greer, Burns & Crain, Ltd., Suite 2500, 300 South Wacker Drive, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01L**

(11) **WO 01/71775** (13) A2

(21) PCT/US01/08751

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/189,963 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A LOW-INDUCTANCE CAPACITOR AND A METHOD FOR MINIMIZING INDUCTANCE IN A SNUBBER CIRCUIT
• CONDENSATEUR A FAIBLE INDUCTANCE ET PROCEDE PERMETTANT DE REDUIRE AU MAXIMUM L'INDUCTANCE DANS UN CIRCUIT D'AMORTISSEMENT

(71) **SATCON TECHNOLOGY CORPORATION** [—/US]; 161 First Street, Cambridge, MA 02142-1221 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SANGER, Phillip, A.** [—/US]; 1025 Eagles Nest Lane, Monroeville, PA 15146 (US). **MANDELCOM, Lyon** [—/US]; 5642 Beacon Street, Pittsburgh, PA 15217 (US). **LESSTER, Leban, E.** [—/US]; 32 Garrison Street, #50-205, Boston, MA 02116 (US). **LINDBERG, Frank, A.** [—/US]; 511 Gun Road, Baltimore, MD 21227 (US).

(74) **HARTNELL, George, W., III** et al. / etc.; Dike, Bronstein, Roberts & Cushman, Intellectual Property Practice Group, Edwards & Angell, LLP, 130 Water Street, Boston, MA 02109 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CO CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01L**

(11) **WO 01/71776** (13) A2

(21) PCT/US01/08840

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,651 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MATERIALS HAVING LOW DIELECTRIC CONSTANTS AND METHODS OF MAKING
• MATERIELS COMPORTANT DES CONSTANTES DIELECTRIQUES FAIBLES ET PROCEDE DE PRODUCTION

(71) **N.V. BEKAERT S.A.** [BE/BE]; Bekaertstraat 2, B-8550 Zwevegem (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VENKATRAMAN, Chandra** [IN/US]; 120 Meyer Road #203, Amherst, NY 14226 (US). **BRODBECK, Cyndi, L.** [US/US]; 1459 East and West Street, West Seneca, NY 14224 (US).

(74) **WEYAND, Karla, M.** et al. / etc.; Braman & Rogalskyj, LLP, P.O. Box 352, Canandaigua, NY 14424-0352 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01L**

(11) **WO 01/71777** (13) A2

(21) PCT/US01/08981

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/528,971 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF FABRICATING FLUX CONCENTRATING LAYER FOR USE WITH MAGNETORESISTIVE RANDOM ACCESS MEMORIES
• PROCEDE DE FABRICATION DE COUCHE DE CONCENTRATION DE FLUX A UTILISER AVEC DES MEMOIRES VIVES MAGNETORESISTANTES

(71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **DURLAM, Mark**; 4076 West Orchid Lane, Chandler, AZ 85226 (US). **CHEN, Eugene, Youjun**; 1143 West Sherri Drive, Chandler, AZ 85233 (US). **TEHRANI, Saied, N.**; 1917 East Palomino Drive, Tempe, AZ 85284 (US). **SLAUGHTER, Jon, Michael**; 9251 South Kenneth Place, Tempe, AZ 85284 (US). **KERSZYKOWSKI, Gloria,**; 14040 North Sunflower Drive, Fountain Hills, AZ 85268 (US). **KYLER, Kelly, Wayne**; 2303 East Garnet Avenue, Mesa, AZ 85204 (US).

(74) **INGRASSIA, Vincent, B.** et al. / etc.; P.O. Box 10219, Scottsdale, AZ 85271-0219 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01L 21/00**

(11) **WO 01/71778** (13) A2

(21) PCT/IL01/00269

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/531,036 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 09/684,203 **6 Oct/oct 2000** US **(06.10.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NANOMETRIC SCALE COHERENTLY CONTROLLED DEPOSITION
• DEPOT REGULE DE MANIERE COHERENTE A ECHELLE NANOMETRIQUE

(71) **YEDA RESEARCH AND DEVELOPMENT 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)

(71, 72) **BRUMER, Paul** [CA/CA]; 136 Fisherville Road, Toronto, Ontario M2R 3C2 (CA).

(72, 75) **BIJOY, Dey** [IN/IN]; Kumarpur, 721401 Midnapur (IN). **SHAPIRO, Moshe** [IL/IL]; 11 Shine Apartments, The Weizmann Institute of Science, 76100 Rehovot (IL).

(74) **COLB, Sanford, T.** et al. / etc.; Sanford T. Colb & Co., P.O. Box 2273, 76122 Rehovot (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01L 21/00**

(11) **WO 01/71779** (13) A2

(21) PCT/US01/08746

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/528,064 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 09/527,931 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR PLANARIZING A SEMICONDUCTOR CONTACTOR
• PROCEDE ET APPAREIL DE PLANARISATION D'UN CONTACTEUR A SEMI-CONDUCTEURS

(71) **FORMFACTOR, INC.** [US/US]; 5666 La Ribera Street, Livermore, CA 94550 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MATHIEU, Gaetan, L.** [CA/US]; 659 Orange Way, Livermore, CA 94550 (US). **ELDRIDGE, Benjamin, N.** [US/US]; 651 Sheri Lane, Danville, CA 94526 (US). **GRUBE, Gary, W.** [US/US]; 6807 Singletree Court, Pleasanton, CA 94588 (US).

(74) **MERKADEAU, Stuart, L.** et al. / etc.; Formfactor, Inc., 5666 La Ribera Street, Livermore, CA 94550 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01L 21/00**

(11) **WO 01/71780** (13) A2

(21) PCT/US01/09149

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/531,828 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • APPARATUS AND METHOD FOR ELECTROCHEMICALLY PROCESSING A MICROELECTRONIC WORKPIECE
• APPAREIL ET PROCEDE DE TRAITEMENT ELECTROCHIMIQUE D'UNE PIECE MICRO-ELECTRONIQUE

(71) **SEMITOOL, INC.** [US/US]; 655 West Reserve Drive, Kalispell, MT 59901 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HANSON, Kyle, M.** [US/US]; 110 Greenbriar Drive, Kalispell, MT 59901 (US). **GRACE, Scott** [US/US]; 655 West Reserve Drive, Kalispell, MT 59901 (US). **JOHNSON, Matt** [US/US]; 655 West Reserve Drive, Kalispell, MT 59901 (US). **GIBBONS, Ken** [US/US]; 655 West Reserve Drive, Kalispell, MT 59901 (US).

(74) **WECHKIN, John, M.**; Perkins Coie LLP, P.O. Box 1247, Seattle, WA 98111-1247 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01L 21/00**

(11) **WO 01/71781** (13) A2

(21) PCT/US01/09544

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,223 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMBINATION DIFFERENTIAL AND ABSOLUTE PRESSURE TRANSDUCER FOR LOAD LOCK CONTROL
• TRANSDUCTEUR COMBINE POUR PRESSION DIFFERENTIELLE ET PRESSION ABSOLUE POUR CONTROLE DE CHARGEMENT

(71) **MKS INSTRUMENTS, INC.** [US/US]; Six Shattuck Road, Andover, MA 01810 (US).

(72) **HOLCOMB, Garry**; 4425 Brookfield, Boulder, CO 80303 (US). **GU, Youfan**; 3322 W. Torreys Peak Drive, Superior, CO 80027-301 (US). **STAFFORD, James**; 25751 Village Circle, Golden, CO 80401 (US). **MUELLER, James**; 907 Acadia Avenue, Lafayette, CO 80026 (US). **WADE, Stacy**; 206 Valley Vista Lane, Boulder, CO 80302 (US).

(74) **YOUNG, James, R.** et al. / etc.; Chrisman, Bynum & Johnson, P.C., 1900 Fifteenth Street, Boulder, CO 80302 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Declarations / Déclarations :
(s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations

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(51)[7] **H01L 21/027, G03F 7/20**

(11) **WO 01/71782** (13) A1

(21) PCT/JP00/01711

(22) **21 Mar/mar 2000 (21.03.2000)**

(25) ja (26) ja

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ELECTRON BEAM LITHOGRAPHY DEVICE AND DRAWING METHOD USING ELECTRON BEAMS
• DISPOSITIF DE LITHOGRAPHIE PAR FAISCEAU ELECTRONIQUE ET PROCEDE DE DESSIN METTANT EN APPLICATION DES FAISCEAUX ELECTRONIQUES

(71) **HITACHI, LTD.** [US/US]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WATANABE, Takeshi** [JP/JP]; Instruments, Hitachi, Ltd., 882, Ichige, Hitachinaka-shi, Ibaraki 312-0033 (JP).

(74) **SAKUTA, Yasuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyuda-ku, Tokyo 100-8220 (JP).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **H01L 21/20, 21/336, 29/786, 21/84**

(11) **WO 01/71783** (13) A1

(21) PCT/EP01/02823

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 0006958.3 **23 Mar/mar 2000** GB **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF MANUFACTURING A TRANSISTOR
• PROCEDE DE FABRICATION D'UN TRANSISTOR

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **MURLEY, Darren, T.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **TRAINOR, Michael, J.**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **WHITE, Andrew, G.**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01L 21/205**

(11) **WO 01/71784** (13) A1

(21) PCT/JP00/01648

(22) **17 Mar/mar 2000 (17.03.2000)**

(25) ja (26) ja

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF MANUFACTURING SEMICONDUCTOR AND MANUFACTURING APPARATUS
• PROCEDE DE FABRICATION DE SEMI-CONDUCTEURS ET APPAREIL DE FABRICATION

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WATANABE, Tomoji** [JP/JP]; Mechanical Engineering Research Laboratory, Hitachi, Ltd., 502, Kandatsumachi, Tsuchiura-shi, Ibaraki 300-0013 (JP). **KAGATSUME, Akiko** [JP/JP]; Mechanical Engineering Research Laboratory, Hitachi, Ltd., 502, Kandatsumachi, Tsuchiura-shi, Ibaraki 300-0013 (JP). **YOSHIDA, Tadanori** [JP/JP]; Semiconductor & Integrated Circuits, Hitachi, Ltd., 20-1, Jousuihoncho 5-chome, Kodaira-shi, Tokyo 187-0022 (JP).

(74) **SAKUTA, Yasuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220 (JP).

(81) JP KR US.

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(51)[7] **H01L 21/205, C23C 16/42 // C30B 29/36**

(11) **WO 01/71785** (13) A1

(21) PCT/JP01/02381

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-81201 **23 Mar/mar 2000** JP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR PRODUCING SEMICONDUCTOR CRYSTAL
• FABRICATION DE CRISTAL SEMI-CONDUCTEUR

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KANZAWA, Yoshihiko** [JP/JP]; 25-3, Mido-cho, Kadoma-shi, Osaka 571-0074 (JP). **NOZAWA, Katsuya** [JP/JP]; 5-4-25-1101, Omiya, Asahi-ku, Osaka-shi, Osaka 535-0002 (JP). **SAITOH, Tohru** [JP/JP]; 2-18-14, Torikai-shinmachi, Settsu-shi, Osaka 566-0065 (JP). **KUBO, Minoru** [JP/JP]; 125, Ichiban-cho, Kikyogaoka-nishi, Nabari-shi, Mie 518-0641 (JP).

(74) **MAEDA, Hiroshi** et al. / etc.; Taihei Bldg., 4-8, Utsubohonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0004 (JP).

(81) CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01L 21/268**

(11) **WO 01/71786** (13) A1

(21) PCT/US01/07724

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 09/526,585 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND SYSTEM FOR PROVIDING A CONTINUOUS MOTION SEQUENTIAL LATERAL SOLIDIFICATION
• PROCEDE ET SYSTEME SERVANT A CREER UNE SOLIDIFICATION LATERALE SEQUENTIELLE A MOUVEMENT CONTINU

(71) **THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK** [US/US]; 116th Street and Broadway, New York, NY 10027 (US).

(72) **IM, James, S.**; Apartment #74, 520 West 114th Street, New York, NY 10027 (US).

(74) **TANG, Henry** et al. / etc.; Baker Botts LLP, 30 Rockefeller Plaza, New York, NY 10112-0228 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01L 21/268, 21/265, 21/324**

(11) **WO 01/71787** (13) A1

(21) PCT/US01/08241

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 60/190,233 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 09/638,410 **11 Aug/août 2000** US **(11.08.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF FORMING ULTRA-SHALLOW JUNCTIONS BY LASER ANNEALING AND RAPID THERMAL ANNEALING
• PROCEDE DE FORMATION DE JONCTIONS DE TRES FAIBLE PROFONDEUR PAR RECUIT LASER ET RECUIT THERMIQUE RAPIDE

(71) **VARIAN SEMICONDUCTOR EQUIPMENT ASSOCIATES, INC.** [US/US]; 35 Dory Road, Gloucester, MA 01930 (US). **ULTRATECH STEPPER, INC.** [US/US]; 2865 Zanker Road, San Jose, CA 95134 (US).

(72) **FELCH, Susan, B.**; 27975 Roble Alto Avenue, Los Altos Hills, CA 94022 (US). **TALWAR, Somit**; 724 Arastradero Road #102, Palo Alto, CA 94306 (US). **DOWNEY, Daniel, F.**; 8 Ryan Road, Magnolia, MA 01930 (US). **GELATOS, Carol, M.**; 2651 Eaton Avenue, Redwood City, CA 94062 (US).

(74) **MCCLELLAN, William, R.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

(81) CN IL JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01L 21/304**

(11) **WO 01/71788** (13) A1

(21) PCT/JP01/01903

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) ja (26) ja

(30) 2000-76490 **17 Mar/mar 2000** JP **(17.03.2000)**

(30) 2000-145444 **17 May/mai 2000** JP **(17.05.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • WATER FOR STORING SILICON WAFERS AND STORING METHOD
• EAU POUR LE STOCKAGE DE PLAQUETTES DE SILICIUM ET PROCEDE DE STOCKAGE

(71) **SHIN-ETSU HANDOTAI CO., LTD.** [JP/JP]; 4-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ABE, Tatsuo** [JP/JP]; c/o SHIN-ETSU HANDOTAI CO., LTD., Shirakawa R & D Center, 150, Aza Ohira, Oaza Odakura, Nishigo-mura, Nishishirakawa-gun, Fukushima 961-8061 (JP).

(74) **ISHIHARA, Shoji**; No.302, Wakai Bldg., 7-8, Higashi-Ikebukuro 3-chome, Toshima-ku, Tokyo 170-0013 (JP).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01L 21/304**

(11) **WO 01/71789** (13) A1

(21) PCT/JP01/02148

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ja (26) ja

(30) 2000-78385 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SEMICONDUCTOR WAFER CLEANING AGENT AND CLEANING METHOD
• AGENT DE NETTOYAGE DE TRANCHE DE SEMI-CONDUCTEUR ET PROCEDE DE NETTOYAGE

(71) **WAKO PURE CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 1-2, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 540-8605 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAKIZAWA, Masahiko** [JP/JP]; 1633, Oaza Matoba, Kawagoe-shi, Saitama 350-1101 (JP). **KIMURA, Mayumi** [JP/JP]; 1633, Oaza Matoba, Kawagoe-shi, Saitama 350-1101 (JP). **MIZUTA, Hironori** [JP/JP]; 1633, Oaza Matoba, Kawagoe-shi, Saitama 350-1101 (JP). **HAYASHIDA, Ichiro** [JP/JP]; 1633, Oaza Matoba, kawagoe-shi, Saitama 350-1101 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01L 21/3065**

(11) **WO 01/71790** (13) A1

(21) PCT/JP00/01647

(22) **17 Mar/mar 2000 (17.03.2000)**

(25) ja (26) ja

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE
• PROCEDE DE FABRICATION D'UN DISPOSITIF A SEMI-CONDUCTEUR

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP). **HITACHI TOKYO ELECTRONICS CO., LTD.** [JP/JP]; 3-2, Fujihashi 3-chome, Ome-shi, Tokyo 198-0022 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMANE, Miyuki** [JP/JP]; Mechanical Engineering Research Laboratory, Hitachi, Ltd., 502, Kandatsumachi, Tsuchiura-shi, Ibaraki 300-0013 (JP). **KAWADA, Hiroki** [JP/JP]; Mechanical Engineering Research Laboratory, Hitachi, Ltd., 502, Kandatsumachi, Tsuchiura-shi, Ibaraki 300-0013 (JP). **KITSUNAI, Hiroyuki** [JP/JP]; Mechanical Engineering Research Laboratory, Hitachi, Ltd., 502, Kandatsumachi, Tsuchiura-shi, Ibaraki 300-0013 (JP). **YAMASHITA, Manubu** [JP/JP]; Device Development Center, Hitachi, Ltd., 16-3, Shinmachi 6-chome, Ome-shi, Tokyo 198-0024 (JP). **HAYASHI, Takayuki** [JP/JP]; Hitachi Tokyo Electronics Co., Ltd., 3-2, Fujihashi 3-chome, Ome-shi, Tokyo 198-0022 (JP).

(74) **SAKUTA, Yasuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220 (JP).

(81) JP KR US.

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(51)[7] **H01L 21/31, 21/00, 21/26, 21/38**

(11) **WO 01/71791** (13) A1

(21) PCT/US00/07479

(22) **21 Mar/mar 2000 (21.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SURFACE PLANARIZATION OF THIN SILICON FILMS DURING AND AFTER PROCESSING BY THE SEQUENTIAL LATERAL SOLIDIFICATION METHOD
• PLANARISATION DE SURFACE DE MINCES COUCHES DE SILICIUM, PENDANT ET APRES TRAITEMENT AU MOYEN D'UN PROCEDE DE SOLIDIFICATION LATERALE SEQUENTIELLE

(71) **THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK** [US/US]; Broadway and 116th Street, New York, NY 10027 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IM, James, S.** [US/US]; Apartment #74, 520 West 114th Street, New York, NY 10025 (US). **SPOSILI, Robert, S.** [US/US]; 190 Claremont Avenue, Apt. 1C, New York, NY 10027 (US). **CROWDER, Mark, A.** [US/US]; 452 Riverside Drive, Apartment 34, New York, NY 10027 (US).

(74) **TANG, Henry** et al. / etc.; Baker & Botts L.L.P., 30 Rockefeller Plaza, New York, NY 10112 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP

KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01L 21/3105**

(11) **WO 01/71792** (13) A1

(21) PCT/US01/09354

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,573 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR POLISHING USING A SULFUR-CONTAINING STOP LAYER
• PROCEDE DE POLISSAGE AU MOYEN D'UNE COUCHE D'ARRET CONTENANT DU SOUFRE

(71) **RODEL HOLDINGS, INC.** [US/US]; 1105 North Market Street, Suite 1300, Wilmington, DE 19899 (US).

(72) **RHOADES, Robert, L.**; 2205 East Granite View Drive, Phoenix, AZ 85048 (US).

(74) **BENSON, Kenneth, A.** et al. / etc.; Rodel Holdings, Inc., Suite 1300, 1105 North Market Street, Wilmington, DE 19899 (US).

(81) JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01L 21/311, 21/316**

(11) **WO 01/71793** (13) A2

(21) PCT/US01/08824

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/532,347 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR FORMING HIGH QUALITY MULTIPLE THICKNESS OXIDE LAYERS BY USING HIGH TEMPERATURE DESCUM
• PROCEDE DE FORMATION DE COUCHES D'OXYDE DE HAUTE QUALITE A EPAISSEURS MULTIPLES PAR DECAPAGE A HAUTE TEMPERATURE

(71) **ADVANCED MICRO DEVICES, INC.** [US/US]; One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US). **FUJITSU LIMITED** [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211 (JP).

(72) **HUI, Angela, T.**; 362 Pilgrim Loop, Fremont, CA 94539 (US). **OGURA, Jusuke**; 10183 Denison Avenue, Cupertino, CA 95014 (US).

(74) **RODDY, Richard, J.**; Advanced Micro Devices, Inc., One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US).

(81) BR CN JP KR SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01L 21/312, 21/768, 21/00**

(11) **WO 01/71794** (13) A1

(21) PCT/US01/01843

(22) **19 Jan/jan 2001 (19.01.2001)**

(25) en (26) en

(30) 09/527,777 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • REPAIR OF FILM HAVING AN Si-O BACKBONE
• REPARATION DE FILM A CHARPENTE SI-O

(71) **ADVANCED MICRO DEVICES, INC.** [US/US]; One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US).

(72) **MARTIN, Jeremy, Isaac**; Apt. 180, 1200 Barton Hills Drive, Austin, TX 78704 (US).

(74) **DRAKE, Paul, S.**; Advanced Micro Devices, Inc., M/S 562, 5204 East Ben White Boulevard, Austin, TX 78741 (US).

(81) JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01L 21/316**

(11) **WO 01/71795** (13) A2

(21) PCT/US01/08861

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/535,256 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR FORMING HIGH QUALITY MULTIPLE THICKNESS OXIDE LAYERS BY REDUCING DESCUM INDUCED DEFECTS
• PROCEDE DE FORMATION DE COUCHES D'OXYDE DE HAUTE QUALITE A EPAISSEURS MULTIPLES PAR REDUCTION DES DEFAUTS CAUSES PAR LE DECAPAGE

(71) **ADVANCED MICRO DEVICES, INC.** [US/US]; One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US). **FUJITSU LIMITED** [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kuwasaki-shi, Kanagawa 211 (JP).

(72) **HUI, Angela, T.**; 362 Pilgrim Loop, Fremont, CA 94539 (US). **OGURA, Jusuke**; 10183 Denison Avenue, Cupertino, CA 95014 (US).

(74) **RODDY, Richard, J.**; Advanced Micro Devices, Inc., One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US).

(81) BR CN JP KR SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01L 21/321**

(11) **WO 01/71796** (13) A2

(21) PCT/US01/40358

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/534,820 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SEMICONDUCTOR PROCESSING METHODS OF REMOVING CONDUCTIVE MATERIAL
• PROCEDES DE TRAITEMENT DE SEMI-CONDUCTEUR PERMETTANT DE RETIRER UN MATERIAU CONDUCTEUR

(71) **MICRON TECHNOLOGY, INC.** [US/US]; 8000 S. Federal Way, Boise, ID 83716 (US).

(72) **DOAN, Trung, Tri**; 1574 Shenandoah Drive, Boise, ID 83712 (US). **MEIKLE, Scott, G.**; 1301 E. Jefferson, Boise, ID 83712 (US).

(74) **LATWESEN, David, G.** et al. / etc.; Suite 1300, 601 West first Avenue, Spokane, WA 99201-3828 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01L 21/44, 21/48, 21/50**

(11) **WO 01/71797** (13) A1

(21) PCT/US01/08617

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/532,886 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • THREE DIMENSIONAL DEVICE INTEGRATION METHOD AND INTEGRATED DEVICE
• PROCEDE D'INTEGRATION TRIDIMENSIONNEL D'UN APPAREIL ET APPAREIL INTEGRE

(71) **RESEARCH TRIANGLE INSTITUTE** [US/US]; 3040 Cornwallis Road, Research Triangle Park, NC 27709 (US).

(72) **ENQUIST, Paul, M.**; 308 Frenchmans Bluff Drive, Cary, NC 27513 (US).

(74) **SCHLIER, Carl** et al. / etc.; Oblon, Spivak, McClelland, Maier & Neustadt, P.C., 1755 Jefferson Davis Highway, 4th Floor, Arlington, VA 22202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI

FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01L 21/56, 21/60, 21/311**

(11) **WO 01/71798** (13) A1

(21) PCT/JP00/03817

(22) **12 Jun/juin 2000 (12.06.2000)**

(25) ja (26) ja

(30) 2000/81282 **23 Mar/mar 2000** JP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • APPARATUS FOR SEALING SEMICONDUCTOR DEVICE
• APPAREIL UTILISE POUR ETANCHEIFIER UN DISPOSITIF A SEMI-CONDUCTEURS

(71) **NAGASE & CO., LTD.** [JP/JP]; 1-17, Shinmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-8668 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAKAHASHI, Atsushi** [JP/JP]; 1-17, Shinmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-8668 (JP).

(74) **NANJO, Hiromichi**; Okina Building 5th Floor, 2-9, Nishitenma 3-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01L 21/60**

(11) **WO 01/71799** (13) A2

(21) PCT/DE01/00702

(22) **23 Feb/fév 2001 (23.02.2001)**

(25) de (26) de

(30) 100 14 300.8 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SEMICONDUCTOR ELEMENT AND METHOD FOR PRODUCING THE SAME
• COMPOSANT A SEMI-CONDUCTEUR ET PROCEDE DE FABRICATION DUDIT ELEMENT

(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) **HEDLER, Harry** [DE/DE]; Dr.-Leo-Ritter-Strasse 27, 93049 Regensburg (DE). **MEYER, Thorsten** [DE/DE]; Weissgerbergraben 16, 93047 Regensburg (DE).

(74) **EPPING HERMANN & FISCHER**; Postfach 12 10 26, 80034 München (DE).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01L 21/60**

(11) **WO 01/71800** (13) A2

(21) PCT/US01/09054

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/533,697 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR FORMING A SILICIDE GATE STACK FOR USE IN A SELF-ALIGNED CONTACT ETCH
• PROCEDE DE FORMATION D'EMPILEMENT DE PORTES EN SILICIURE DESTINE A ETRE UTILISE DANS UNE ATTAQUE PAR CONTACT A AUTO-ALIGNEMENT

(71) **MICRON TECHNOLOGY, INC.** [US/US]; 8000 S. Federal Way, Boise, ID 83707-0006 (US).

(72) **HINEMAN, Max, F.**; 106 Evergreen Drive, Boise, ID 83716 (US).

(74) **D'AMICO, Thomas, 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01L 21/768, 23/532**

(11) **WO 01/71801** (13) A1

(21) PCT/EP01/02134

(22) **23 Feb/fév 2001 (23.02.2001)**

(25) en (26) en

(30) 00201006.4 **20 Mar/mar 2000** EP **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING SAME
• DISPOSITIF A SEMI-CONDUCTEUR ET SON PROCEDE DE FABRICATION

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **MEIJER, Petrus, M.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **MUTSAERS, Cornelis, A., H., A.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **DUIJVESTIJN, Adrianus, J.**; INTERNATIONAAL OCTROOIBUREAU B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01L 21/768**

(11) **WO 01/71802** (13) A2

(21) PCT/US01/05762

(22) **21 Feb/fév 2001 (21.02.2001)**

(25) en (26) en

(30) 09/527,871 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • USE OF ORGANIC SPIN ON MATERIALS AS A STOP-LAYER FOR LOCAL INTERCONNECT, CONTACT AND VIA LAYERS
• UTILISATION DE MATERIAUX ORGANIQUES APPLIQUES PAR CENTRIFUGATION COMME COUCHE D'ARRET POUR COUCHES D'INTERCONNEXION LOCALE, DE CONTACT ET DE TRAVERSEE

(71) **ADVANCED MICRO DEVICES, INC.** [US/US]; One AMD Place, Mail Stop 68, P.O. Box 3453, Sunnyvale, CA 94088-3453 (US).

(72) **SUBRAMANIAN, Ramkumar**; 4271 Norwalk Drive #X-105, San Jose, CA 95129 (US). **YANG, Wenge**; 44668 Japala Place, Fremont, CA 94539 (US).

(74) **RODDY, Richard, J.**; Advanced Micro Devices, Inc., One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US).

(81) CN JP KR SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01L 21/8247, 21/8246**

(11) **WO 01/71803** (13) A1

(21) PCT/US01/07975

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 60/190,475 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 09/728,554 **1 Dec/déc 2000** US **(01.12.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A DUAL SPACER PROCESS FOR NON-VOLATILE MEMORY DEVICES
• PROCEDE DE FORMATION D'UN DOUBLE ELEMENT D'ESPACEMENT POUR MEMOIRES NON VOLATILES

(71) **ADVANCED MICRO DEVICES, INC.** [US/US]; One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US).

(72) **SHIELDS, Jeffrey, A.**; 445 Kenmore Avenue, Sunnyvale, CA 94086 (US). **PHAM, Tuan, D.**; 287 Cannikin Drive, San Jose, CA 95116 (US). **RAMSBEY, Mark, T.**; 402 Cumulus Avenue, Sunnyvale, CA 94087

(US). **SUN, Yu**; 20395 Glasgow Drive, Saratoga, CA 95070 (US). **HUI, Angela, T.**; 362 Pilgrim Loop, Fremont, CA 94539 (US). **CHAN, Maria, Chow**; 3427 San Saba Drive, San Jose, CA 95148 (US).

(74) **RODDY, Richard, J.**; Advanced Micro Devices, Inc., One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US).

(81) BR CN JP KR SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01L 23/00**

(11) **WO 01/71804** (13) A2

(21) PCT/US01/08452

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/532,761 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LATERAL ASYMMETRIC LIGHTLY DOPED DRAIN MOSFET
• TRANSISTOR A EFFET DE CHAMP A PORTEE ISOLEE DE DRAIN LEGEREMENT DOPE ASYMETRIQUE, LATERAL

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) **XU, Ying**; 11620 Timber Ridge Lane, Sharonville, OH 45241 (US). **NEBRIGIC, Dragan, Danilo**; 4155 Mill Crest Drive, Indian Springs, OH 45011 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01L 23/28, 23/12, 21/301**

(11) **WO 01/71805** (13) A1

(21) PCT/JP01/02325

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-81999 **23 Mar/mar 2000** JP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SEMICONDUCTOR DEVICE, METHOD OF MANUFACTURE THEREOF, CIRCUIT BOARD, AND ELECTRONIC DEVICE
• DISPOSITIF A SEMI-CONDUCTEUR, PROCEDE DE FABRICATION, CARTE DE CIRCUIT, ET DISPOSITIF ELECTRONIQUE

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).

(72) **KUWABARA, Keiji**; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). **HANAOKA, Terunao**; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). **ITO, Haruki**; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).

(74) **INOUE, Hajime** et al. / etc.; 2nd Floor, Ogikubo TM Bldg., 26-13, Ogikubo 5-chome, Suginami-ku, Tokyo 167-0051 (JP).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01L 25/065, 23/12**

(11) **WO 01/71806** (13) A1

(21) PCT/JP01/02171

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ja (26) ja

(30) 2000-78443 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SEMICONDUCTOR DEVICE, METHOD OF MANUFACTURING ELECTRONIC DEVICE, ELECTRONIC DEVICE, AND PORTABLE INFORMATION TERMINAL
• DISPOSITIF A SEMI-CONDUCTEUR, PROCEDE DE REALISATION D'UN DISPOSITIF ELECTRONIQUE, DISPOSITIF ELECTRONIQUE, ET TERMINAL D'INFORMATIONS PORTABLE

(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) **HAMAGUCHI, Tsuneo** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **KAGATA, Kenji** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) **MIYATA, Kaneo** et al. / etc.; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01L 27/092**

(11) **WO 01/71807** (13) A1

(21) PCT/JP00/01838

(22) **24 Mar/mar 2000 (24.03.2000)**

(25) ja (26) ja

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURE THEREOF
• DISPOSITIF A SEMI-CONDUCTEUR ET SON PROCEDE DE FABRICATION

(71) **FUJITSU LIMITED** [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IRIYAMA, Yasunori** [JP/JP]; Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **IZAWA, Tetsuo** [JP/JP]; Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) **KITANO, Yoshihito**; Exceed Yotsuya 2nd floor, 9, Dakyo-cho, Shinjuku-ku, Tokyo 160-0015 (JP).

(81) JP US.

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(51)[7] **H01L 27/118, 27/02**

(11) **WO 01/71808** (13) A1

(21) PCT/US01/06807

(22) **2 Mar/mar 2001 (02.03.2001)**

(25) en (26) en

(30) 09/532,330 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AN INTEGRATED CIRCUIT ARCHITECTURE WITH STANDARD BLOCKS
• ARCHITECTURE DE CIRCUIT INTEGRE POURVUE DE BLOCS NORMALISES

(71) **AMMOCORE TECHNOLOGY, INC.** [US/US]; 1190 Saratoga Avenue, Suite 180, San Jose, CA 95129 (US).

(72) **KATSIOULAS, Athanassios**; 310 Elan Village Lane #427, San Jose, CA 92164 (US). **CHOW, Stan**; 1838 Robles Ranch Road, Los Altos, CA 94024 (US). **AVIDAN, Jacob**; 329 Avalon Drive, Los Altos, CA 94022 (US). **FOTAKIS, Dimitris**; 680 Alberta Avenue # K, Sunnyvale, CA 94087 (US).

(74) **CASCIO, Anthony, T.**; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01L 29/00**

(11) **WO 01/71809** (13) A1

(21) PCT/US01/07683

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) en (26) en

(30) 09/527,281 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A DIE ATTACHMENT SURFACE HAVING PEDESTALS FOR RECEIVING COMPONENTS AND METHOD OF USING THE ATTACHMENT
• SURFACE DE FIXATION DE PUCE COMPORTANT DES BORNES DESTINEES A RECEVOIR DES COMPOSANTS ET PROCEDE D'UTILISATION DE CETTE FIXATION

(63) US 09/527,281 (CON) 17 Mar/mar 2000 (17.03.2000)

(71, 72) **DAVIES, Robert, Bruce** [US/US]; 433 East McKinley, Tempe, AZ 85281 (US).

(74) **PARSONS, Robert, A.**; Suite 260, 340 E Palm Ln, Phoenix, AZ 85004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01L 29/06**

(11) **WO 01/71810** (13) A2

(21) PCT/EP01/02531

(22) **6 Mar/mar 2001 (06.03.2001)**

(25) en (26) en

(30) 09/531,701 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HIGH VOLTAGE SOLID STATE DEVICE TERMINATION
• CONNEXION DE DISPOSITIF A SEMICONDUCTEUR A HAUTE TENSION

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **LETAVIC, Theodore, J.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **SIMPSON, Mark, R.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **STEVENS, Brian, T.**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01L 29/06, 31/072, 31/109, 31/0328, 31/0336**

(11) **WO 01/71811** (13) A1

(21) PCT/US01/04916

(22) **16 Feb/fév 2001 (16.02.2001)**

(25) en (26) en

(30) 09/533,305 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MULTI-SPECTRAL QUANTUM WELL INFRARED PHOTODETECTORS
• PHOTODETECTEURS INFRAROUGES MULTISPECTRES A PUITS QUANTIQUE

(71) **MP TECHNOLOGIES LLC** [US/US]; 1500 Sheridan Road, Wilmette, IL 60091 (US).

(72) **RAZEGHI, Manijeh**; 1500 Sheridan Road, Wilmette, IL 60091 (US).

(74) **SHEKLETON, Gerald, T.** et al. / etc.; Welsh & Katz, Ltd., 120 S. Riverside Plaza, 22nd Floor, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01L 29/06, 27/15, 33/00**

(11) **WO 01/71812** (13) A1

(21) PCT/US01/05024

(22) **16 Feb/fév 2001 (16.02.2001)**

(25) en (26) en

(30) 09/534,234 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • QUANTUM DOTS INFRARED FOR OPTOELECTRONIC DEVICES
• DETECTEUR D'IR A POINTS QUANTIQUES POUR DISPOSITIFS OPTOELECTRONIQUES

(71) **MP TECHNOLOGIES LLC** [US/US]; 1500 Sheridan Road, Wilmette, IL 60091 (US).

(72) **RAZEGHI, Manijeh**; 1500 Sheridan Road, Wilmette, IL 60091 (US).

(74) **SHEKLETON, Gerald, T.** et al. / etc.; Welsh & Katz, Ltd., 22nd Floor, 120 S. Riverside Plaza, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01L 29/06, 27/15, 33/00**

(11) **WO 01/71813** (13) A1

(21) PCT/US01/05175

(22) **16 Feb/fév 2001 (16.02.2001)**

(25) en (26) en

(30) 09/534,234 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MULTI COLOR DETECTOR
• DETECTEUR POLYCHROME

(71) **MP TECHNOLOGIES LLC** [US/US]; 1500 Sheridan Road, Wilmette, IL 60091 (US).

(72) **RAZEGHI, Manijeh**; 1500 Sheridan Road, Wilmette, IL 60091 (US).

(74) **SHEKLETON, Gerald, T.** et al. / etc.; Welsh & Katz, Ltd., 22nd floor, 120 S. Riverside Plaza, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01L 29/24, 27/10, 21/316, C23C 14/08, 16/40, C01G 23/00**

(11) **WO 01/71814** (13) A1

(21) PCT/JP01/01842

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) ja (26) ja

(30) 2000-087069 **23 Mar/mar 2000** JP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR PREPARING LOW-RESISTANT p-TYPE $SrTiO_3$
• PROCEDE DE PREPARATION D'UN $SrTiO_3$ DE TYPE p A FAIBLE RESISTANCE

(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)

(72, 75) **YOSHIDA, Hiroshi** [JP/JP]; 82-4, Daiwa-higashi 2-chome, Kawanishi-shi, Hyogo 666-0111 (JP). **BETSUYAKU, Kiyoshi** [JP/JP]; Villa 308, 13-13, Onohara-higashi 3-chome, Minoh-shi, Osaka 562-0031 (JP). **KAWAI, Tomoji** [JP/JP]; 615, 26-15, Onohara-higashi 5-chome, Minoh-shi, Osaka 562-0031 (JP). **TANAKA, Hidekazu** [JP/JP]; Suite108, Parkside-Senri, 32-5, Yamada-higashi 4-chome, Suita-shi, Osaka 565-0821 (JP).

(74) **NISHI, Yoshiyuki**; Nishi Patent Office, Suite 211, 26-32, Nakahara 4-chome, Isogo-ku, Yokohama-shi, Kanagawa 235-0036 (JP).

(81) CA US.

Published / Publiée : *(n)*

Declaration / Déclaration :
(v) for all designations / pour toutes les désignations

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(51)[7] **H01L 29/41, 29/78, 29/861**

(11) **WO 01/71815** (13) A2

(21) PCT/EP01/02821

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 0006957.5 **23 Mar/mar 2000** GB **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A SEMICONDUCTOR DEVICE
• DISPOSITIF A SEMI-CONDUCTEUR

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **VAN DALEN, Rob**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **STEVENS, Brian, T.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01L 29/51, 29/78, 21/316**

(11) **WO 01/71816** (13) A1

(21) PCT/US00/07754

(22) **23 Mar/mar 2000 (23.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FERROELECTRIC FET WITH POLYCRYSTALLINE CRYSTALLOGRAPHICALLY ORIENTED FERROELECTRIC MATERIAL
• TRANSISTOR A EFFET DE CHAMP FERROELECTRIQUE POURVU D'UN MATERIAU FERROELECTRIQUE POLYCRISTALLIN ORIENTE DE FAÇON CRISTALLOGRAPHIQUE

(71) **SYMETRIX CORPORATION** [US/US]; 5055 Mark Dabling Boulevard, Colorado Springs, CO 80918 (US). **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. (MEI)** [JP/JP]; 1-1, Saiwai-cho, Takatsuki, Osaka 569-1193 (JP).

(72) **ARITA, Koji**; 2-1-6-601, Awaji, Higashiyodogawa-ku, Osaka-shi, Osaka 533-0032 (JP). **PAZ DE ARAUJO, Carlos, A.**; 317 West Sunbird Cliffs Lane, Colorado Springs, CO 80919 (US). **MCMILLAN, Larry, D.**; 3005 Blodgett Drive, Colorado Springs, CO 80919 (US). **AZUMA, Masamichi**; 4-20-411, Akibadai, Otsu-shi, Shiga 520-0822 (JP).

(74) **FOREST, Carl, A.** et al. / etc.; Patton Boggs LLP, P.O. Box 270930, Louisville, Colorado 80027 (US).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **H01L 29/78, 29/423, 21/336**

(11) **WO 01/71817** (13) A2

(21) PCT/US01/40310

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/531,138 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TRENCH DMOS TRANSISTOR HAVING A DOUBLE GATE STRUCTURE
• TRANSISTOR DMOS A TRANCHEE AVEC STRUCTURE DOUBLE PORTE

(71) **GENERAL SEMICONDUCTOR, INC.** [US/US]; 10 Melville Park Road, Melville, NY 11747-3113 (US).

(72) **HSHIEH, Fwu-Iuan**; 20768 Sevilla Lane, Saratoga, CA 95070 (US). **SO, Koon, Chong**; 591 Woodview Terrace, Fremont, CA 94539 (US). **TSUI, Yan, Man**; 4409 Drywood Court, Union City, CA 94587 (US).

(74) **MAYER, Stuart**; Mayer, Fortkort & Williams, Suite 250, 200 Executive Drive, West Orange, NJ 07052 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01L 29/786, 21/336**

(11) **WO 01/71818** (13) A1

(21) PCT/FR01/00841

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) fr (26) fr

(30) 00/03634 **22 Mar/mar 2000** FR **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METAL SOURCE AND DRAIN MOS TRANSISTOR, AND METHOD FOR MAKING SAME
• TRANSISTOR MOS A SOURCE ET DRAIN METALLIQUES, ET PROCEDE DE FABRICATION D'UN TEL TRANSISTOR

(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) **DELEONIBUS, Simon** [FR/FR]; 40, allée des Giteaux, La Chanteraie, F-38640 Claix (FR).

(74) **LEHU, Jean**; Brevatome, 3, rue du Docteur Lancereaux, F-75008 Paris (FR).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01L 29/868**

(11) **WO 01/71819** (13) A2

(21) PCT/US01/08930

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,686 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 60/245,838 **3 Nov/nov 2000** US **(03.11.2000)**

(30) 09/812,702 **20 Mar/mar 2001** US **(20.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SURFACE PIN DEVICE
• DISPOSITIF P PLUS ET N EN COUCHE INTRINSEQUE SUPERFICIELLE (SPIN)

(71) **SARNOFF CORPORATION** [US/US]; 201 Washington Road, CN 5300, Princeton, NJ 08543 (US).

(72) **TAYLOR, Gordon, C.**; 246 Varsity Avenue, Princeton, NJ 08540 (US). **ROSEN, Arye**; 508 Hartwood Road, Cherry Hill, NJ 08003 (US). **FATHY, Aly**; 452 White Swan Way, Langhorne, PA 19047 (US). **SWAIN, Pradyumna, K.**; 64 Lindsey Court, Franklin Park, NJ 08823 (US). **PERLOW, Stewart, M.**; 4 Lawton Road, Marlboro, NJ 07746 (US).

(74) **PATTERSON, William, B.** et al. / etc.; Thomason, Moser & Patterson LLP, 3040 Post Oak Boulevard, Suite 1500, Houston, TX 77056 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01L 31/0224, 31/105, 31/16, 31/18**

(11) **WO 01/71820** (13) A2

(21) PCT/US01/09059

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/192,444 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A SEMITRANSPARENT OPTICAL DETECTOR WITH A TRANSPARENT CONDUCTOR AND METHOD OF MAKING
• DETECTEUR OPTIQUE SEMI-TRANSPARENT COMPORTANT UN CONDUCTEUR TRANSPARENT ET PROCEDE DE FABRICATION ASSOCIE

(71) **AEGIS SEMICONDUCTOR** [US/US]; 170 Common Street, Suite 204, Lawrence, MA 01840 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MA, Eugene, Y.** [US/US]; 170 Common Street, Suite 204, Lawrence, MA 01840 (US).

(74) **ENGELSON, Gary, S.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01L 35/00, H01M 8/18, 8/20**

(11) **WO 01/71821** (13) A1

(21) PCT/JP01/02294

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) ja (26) ja

(30) PCT/JP00/01825 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • THERMOELECTRIC POWER GENERATOR
• GENERATEUR THERMOELECTRIQUE

(71) **SHIN-ETSU CHEMICAL CO., LTD.** [JP/JP]; 6-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **HASEGAWA, Niichiro** [JP/JP]; 10-24, Gochi 3-chome, Jyoetsu-shi, Niigata 942-0081 (JP). **HASEGAWA, Mutsuko** [JP/JP]; 10-24, Gochi 3-chome, Jyoetsu-shi, Niigata 942-0081 (JP).

(74) **TAKAHASHI, Masahisa**; Room 1003, Ambassador Roppongi Buildings 16-13, Roppongi 3-chome, Minato-ku, Tokyo 106-0032 (JP).

(81) AU CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01L 35/14**

(11) **WO 01/71822** (13) A1

(21) PCT/JP00/01825

(22) **24 Mar/mar 2000 (24.03.2000)**

(25) ja (26) ja

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • THERMOELECTRIC GENERATOR
• GENERATEUR THERMOELECTRIQUE

(71) **SHIN-ETSU CHEMICAL CO., LTD.** [JP/JP]; 6-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **HASEGAWA, Niichiro** [JP/JP]; 10-24, Gochi 3-chome, Jyoetsu-shi, Niigata 942-0081 (JP).

(72, 75) **HASEGAWA, Mutsuko** [JP/JP]; 10-24, Gochi 3-chome, Jyoetsu-shi, Niigata 942-0081 (JP).

(74) **TAKAHASHI, Masahisa**; Room 1003, Ambassador Roppongi Building, 16-13, Roppongi 3-chome, Minato-ku, Tokyo 106-0032 (JP).

(81) AU CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **H01L 41/12, 41/06**

(11) **WO 01/71823** (13) A2

(21) PCT/US01/09077

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,150 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF CONTROL FOR A SELF-SENSING MAGNETOSTRICTIVE ACTUATOR
• PROCEDE DE COMMANDE D'UN ACTIONNEUR MAGNETOSTRICTIF A DETECTION AUTONOME

(71) **SIEMENS AUTOMOTIVE CORPORATION** [US/US]; 2400 Executive Hills Drive, Auburn Hills, MI 48326-2980 (US).

(72) **CZIMMEK, Perry Robert**; 3805 Fox Run, Williamsburg, VA 23188 (US).

(74) **MUSACCHIO, Pasquale** et al. / etc.; Siemens Corporation - Intellectual Property Dept., 186 Wood Avenue South, Iselin, NJ 08830 (US).

(81) DE.

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(51)[7] **H01L 43/10, 51/20, G01N 27/00, G01B 7/34, H01J 1/30, 3/02, 29/04, 37/06**

(11) **WO 01/71824** (13) A1

(21) PCT/EP00/06909

(22) **19 Jul/juil 2000 (19.07.2000)**

(25) en (26) en

(30) MI2000A000603 **22 Mar/mar 2000** IT **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND DEVICE FOR TRANSFERRING SPIN-POLARIZED CHARGE CARRIERS
• PROCEDE ET DISPOSITIF POUR LE TRANSFERT DE PORTEURS DE CHARGE A SPIN POLARISE

(71) **CONSIGLIO NAZIONALE DELLE RICERCHE** [IT/IT]; Piazzale Aldo Moro, 7, I-00185 Roma (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DEDIU, Valentin** [MD/IT]; Via Oblach, 3, I-40141 Bologna (IT). **TALIANI, Carlo** [IT/IT]; Via Dotti, 10, I-40135 Bologna (IT).

(74) **MODIANO, Guido**; Modiano & Associati, Via Meravigli, 16, I-20123 Milano (IT).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01M**

(11) **WO 01/71825** (13) A2

(21) PCT/SE01/00603

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0000985-2 **22 Mar/mar 2000** SE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND DEVICE FOR CONVERTING RADIANT ENERGY INTO ELECTRIC ENERGY
• PROCEDE ET DISPOSITIF PERMETTANT DE TRANSFORMER UNE ENERGIE RAYONNANTE EN ENERGIE ELECTRIQUE

(71, 72) **EDVINSSON, Dick** [SE/SE]; Klevbergsvägen 14, S-179 60 Stenhamra (SE).

(74) **HAGSTRÖM, Leif** et al. / etc.; Bergenstråhle & Lindvall AB, P.O. Box 17704, S-118 93 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01M**

(11) **WO 01/71826** (13) A2

(21) PCT/US00/07748

(22) **22 Mar/mar 2000 (22.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BATTERY AND CIRCUITRY ASSEMBLY
• ENSEMBLE COMPRENANT UNE PILE ET UN CIRCUIT

(71) **SARNOFF CORPORATION** [US/US]; 201 Washington Road, CN 5300, Princeton, NJ 08543-5300 (US).

(72) **ACETI, John**; 7 Monroe Drive, Cranbury, NJ 08512 (US). **SJURSEN, Walter, P.**; 6 Bankers Drive, Washington Crossing, PA 18977 (US). **LEEDOM, Marvin, Allan**; 226 Cleveland lane, Princeton, NJ 08540 (US).

(74) **REYNOLDS, Leo, R.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02421 (US).

(81) CA CN JP KR MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **H01M**

(11) **WO 01/71827** (13) A2

(21) PCT/US01/09007

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/532,168 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR IMPROVING THE DURABILITY OF ION INSERTION MATERIALS
• PROCEDE POUR AMELIORER LA DURABILITE DE MATERIAUX D'INSERTION IONIQUE

(71) **MIDWEST RESEARCH INSTITUTE** [US/US]; 425 Volker Boulevard, Kansas City, MO 64110 (US).

(72) **LEE, Se-Hee**; 12221 W 2nd Place, Lakewood, CO 80228 (US). **TRACY, C., Edwin**; 19012 West 60th Drive, Golden, CO 80401 (US). **CHEONG, Hyeonsik, M.**; 121-742 Shinsoo-Doog 1, Mapo-ku, Séoul (KR).

(74) **WHITE, Paul, J.**; National Renewable Energy Laboratory, 1617 Cole Boulevard, Golden, CO 80401 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01M 2/02**

(11) **WO 01/71828** (13) A2

(21) PCT/JP01/01836

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) en (26) en

(30) 2000-076932 **17 Mar/mar 2000** JP **(17.03.2000)**

(30) 2001-049442 **23 Feb/fév 2001** JP **(23.02.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MANGANESE DRY BATTERY
• PILE SECHE A MANGANESE

(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) **ISHIDA, Tsutomu** [JP/JP]; 10-305, Ikuno 4-chome, Katano-shi, Osaka 576-0054 (JP). **OGINO, Keiji** [JP/JP]; 3-22-7, Kisabenishi, Katano-shi, Osaka 576-0041 (JP).

(74) **ISHII, Kazuo**; Kitahama-Yamamoto Building, 3-6, Kitahama 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).

(81) BR CA CN CR ID IN KR PL TZ US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01M 2/10, H04R 1/10, H04M 1/05**

(11) **WO 01/71829** (13) A1

(21) PCT/US00/20277

(22) **26 Jul/juil 2000 (26.07.2000)**

(25) en (26) en

(30) 09/526,584 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HEADSET ASSEMBLY INCLUDING REPLACEABLE BATTERY
• ENSEMBLE CASQUE D'ECOUTE A PILE REMPLAÇABLE

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **HALL, Ronald, W.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **TAYLOR, Harry, B.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **HAKAMAKI, Michaele, A.** et al. / etc.; Office Of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01M 4/00**

(11) **WO 01/71830** (13) A2

(21) PCT/US01/07519

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) en (26) en

(30) 09/532,280 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BATTERY
• BATTERIE

(63) US 09/532,280 (CON)
23 Mar/mar 2000 (23.03.2000)

(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) **CHI, Ignacio** [US/US]; 850 Salem Road, Dracut, MA 01826 (US). **CINTRA, George** [US/US]; 10 Whispering Lane, Holliston, MA 01746 (US). **GOLAY, Jean** [CH/US]; 52 Clubhouse Drive, Woodbury, CT 06798 (US). **HEYN, Geoffrey** [US/US]; 20 Maple Street, Sherborn, MA 01770 (US). **SINCLAIR, Marc, J.** [US/US]; 6 Kelley Road, Acton, MA 07120 (US).

(74) **HANDELMAN, Joseph, H.**; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01M 4/00**

(11) **WO 01/71831** (13) A2

(21) PCT/US01/07520

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) en (26) en

(30) 09/527,508 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LITHIUM CELL
• PILE AU LITHIUM

(63) US 09/527,508 (CON)
16 Mar/mar 2000 (16.03.2000)

(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) **CANTAVE, Reynald, A.** [US/US]; 248 South Drive, Bridgewater, MA 02324 (US). **BERKOWITZ, Fred, J.** [US/US]; 20 Ferriss Estates Road, New Milford, CT 06776 (US). **MCHUGH, William, T.** [US/US]; 16 Alpena Avenue, Westwood, MA 02090 (US). **BLASI, Jane, A.** [US/US]; 108 Lake Place South, Danbury, CT 06810 (US). **FIGUEIRA, Ernesto** [US/US]; 19 Rose Garden Circle, Brighton, MA 02135 (US).

(74) **HANDELMAN, Joseph, H.**; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01M 4/02, 4/48, 10/40**

(11) **WO 01/71832** (13) A1

(21) PCT/JP01/02047

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) ja (26) ja

(30) 2000-80913 **22 Mar/mar 2000** JP **(22.03.2000)**

(30) 2000-80914 **22 Mar/mar 2000** JP **(22.03.2000)**

(30) 2000-137124 **10 May/mai 2000** JP **(10.05.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • RECHARGEABLE BATTERY USING NONAQUEOUS ELECTROLYTE
• BATTERIE RECHARGEABLE FAISANT INTERVENIR UN ELECTROLYTE NON-AQUEUX

(71) **SANYO ELECTRIC CO., LTD.** [JP/JP]; 5-5, Keihanhondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUNAGAWA, Takuya** [JP/JP]; c/o SANYO ELECTRIC CO., LTD., 5-5, Keihanhondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP). **IKEDA, Hiroaki** [JP/JP]; c/o SANYO ELECTRIC CO., LTD., 5-5, Keihanhondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP). **DOMOTO, Yoichi** [JP/JP]; c/o SANYO ELECTRIC CO., LTD., 5-5, Keihanhondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP). **FUJIMOTO, Masahisa** [JP/JP]; c/o SANYO ELECTRIC CO., LTD., 5-5, Keihanhondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP). **OHSHITA, Ryuji** [JP/JP]; c/o SANYO ELECTRIC CO., LTD., 5-5, Keihanhondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP). **SHIMA, Masaki** [JP/JP]; c/o SANYO ELECTRIC CO., LTD., 5-5, Keihanhondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP). **YAGI, Hiromasa** [JP/JP]; c/o SANYO ELECTRIC CO., LTD., 5-5, Keihanhondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP). **TARUI, Hisaki** [JP/JP]; c/o SANYO ELECTRIC CO., LTD., 5-5, Keihanhondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP). **FUJITANI, Shin** [JP/JP]; c/o SANYO ELECTRIC CO., LTD., 5-5, Keihanhondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP).

(74) **METSUGI, Makoto** et al. / etc.; Nishimura Bldg., 6-5, Tanimachi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0012 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01M 4/04, 4/48, 4/58, 10/40**

(11) **WO 01/71833** (13) A1

(21) PCT/US01/05893

(22) **23 Feb/fév 2001 (23.02.2001)**

(25) en (26) en

(30) 09/532,702 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TRANSITION METAL CHALCOGENIDE ELECTRODE COMPONENTS FOR LOW-VOLTAGE RECHARGEABLE Li AND Li-ION BATTERIES
• COMPOSANTS D'ELECTRODES A BASE DE CHALCOGENURE A METAL DE TRANSITION POUR ACCUMULATEURS AU LITHIUM ET AUX IONS DE LITHIUM BASSE TENSION RECHARGEABLES

(71) **TELCORDIA TECHNOLOGIES, INC.** [US/US]; 445 South Street, Morristown, NJ 07960 (US).

(72) **GRUGEON, Sylvie**; 3, rue du Tour de Ville, F-60960 Feuquieres (FR). **LARUELLE, Stephane**; 23, rue Kintrabell, F-80730 Saveuse (FR). **POIZOT, Philippe**; 3, rue des Acacias, F-60620 Ormoy le Davien (FR). **TARASCON, Jean-Marie**; 33, rue Saint Leu, F-80039 Amiens Cedex (FR).

(74) **HEY, David** et al. / etc.; Telcordia Technologies, Inc., Room 1G112R, 445 South Street, Morristown, NJ 07960 (US).

(81) CA CN IL IN JP KR SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01M 6/00**

(11) **WO 01/71834** (13) A2

(21) PCT/US01/08662

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/190,693 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR ACHIEVING PROLONGED BATTERY LIFE
• PROCEDE ET DISPOSITIF SERVANT A PROLONGER LA DUREE DE VIE D'UNE BATTERIE

(71, 72) **FITTER, Johan, C.** [NL/ZA]; 51 Mount Street, Bryanston, Sandton, Gauteng Province (ZA). **MORRIS, Robert, T., Jr.** [US/US]; 400 East 77th Street, #6E, New York, NY (US).

(72) **BELMONT, Richard, E.**; 5765 Sun Valley Drive, Dubuque, IA 52002 (US). **KAN, John, T.**; 220 North Stonington Avenue, #2000, Hoffman Estates, IL 60195 (US).

(74) **SAPONE, William, J.**; Nims Howes Collison Hansen & Lackert, 605 Third Avenue, Suite 3500, New York, NY 10158 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01M 8/02**

(11) **WO 01/71835** (13) A2

(21) PCT/GB01/01244

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0006878.3 **22 Mar/mar 2000** GB **(22.03.2000)**

(30) 0031211.6 **21 Dec/déc 2000** GB **(21.12.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MEMBRANE/ELECTRODE COMPOSITE
• COMPOSITE DE MEMBRANE/ELECTRODE

(71) **VICTREX MANUFACTURING LIMITED** [GB/GB]; Victrex Technology Centre, Hillhouse International, P.O. Box 4, Thornton Cleveleys, Lancashire FY5 4QD (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHARNOCK, Peter** [GB/GB]; 7 Elvaston Road, Carleton, Poulton Le Fylde, Lancashire FY6 7TH (GB). **WILSON, Brian** [GB/GB]; 1 White Lea, Cabus, Garstang, Lancashire PR3 1JG (GB).

(74) **BRIERLEY, Anthony, Paul** et al. / etc.; Appleyard Lees, 15 Clare Road, Halifax HX1 2HY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01M 8/02**

(11) **WO 01/71836** (13) A1

(21) PCT/NL01/00234

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 1014722 **22 Mar/mar 2000** NL **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PLATE, PLATE ASSEMBLY AND ELECTROCHEMICAL CELL STACK
• PLAQUE, ENSEMBLE PLAQUE ET EMPILEMENT DE CELLULES ELECTROCHIMIQUES

(71) **STICHTING ENERGIEONDERZOEK CENTRUM NEDERLAND** [NL/NL]; Westerduinweg 3, NL-1755 LE Petten (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MALLANT, Ronald, Karel, Antoine, Marie** [NL/NL]; Koggewaard 83, NL-1824 GP Alkmaar (NL).

(74) **JORRITSMA, Ruurd**; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01M 8/04**

(11) **WO 01/71837** (13) A1

(21) PCT/JP01/02323

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-81445 **23 Mar/mar 2000 (23.03.2000)** JP

(30) 2000-103382 **5 Apr/avr 2000 (05.04.2000)** JP

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SOLID POLYMER FUEL CELL
• PILE A COMBUSTIBLE A POLYMERE SOLIDE

(71) **SANYO ELECTRIC CO., LTD.** [JP/JP]; 5-5, Keihan-hondori 2-chome, Moriguchi-shi, Osaka 570-0083 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAJIMA, Osamu** [JP/JP]; Izumiryo 3-113, 57-1, Sumiyoshi, Oizumi-machi, Ora-gun, Gunma 370-0521 (JP). **HAMADA, Akira** [JP/JP]; 1-9-23, Hajika-cho, Ashikaga-shi, Tochigi 326-0143 (JP).

(74) **KUSHIBUCHI, Masayuki** et al. / etc.; Sotokanda Chiyoda Building 6F, 16-9, Sotokanda 6-chome, Chiyoda-ku, Tokyo 101-0021 (JP).

(81) CA CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01M 8/06**

(11) **WO 01/71838** (13) A2

(21) PCT/EP01/03062

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) de (26) de

(30) 100 13 597.8 **18 Mar/mar 2000 (18.03.2000)** DE

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMBINATION INSTALLATION COMPRISING A FUEL CELL AND A COMBUSTION ENGINE AND/OR BURNER
• INSTALLATION COMBINEE PILE A COMBUSTIBLE ET MOTEUR A COMBUSTION INTERNE ET/OU BRULEUR

(71) **PROTON MOTOR FUEL CELL GMBH** [DE/DE]; Gautinger Strasse 2, 82319 Starnberg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAMELMANN, Roland** [DE/DE]; An der Leiten 2, 82327 Tutzing (DE).

(74) **KLUNKER, SCHMITT-NILSON, HIRSCH**; Winzererstrasse 106, 80797 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01M 8/10**

(11) **WO 01/71839** (13) A2

(21) PCT/GB01/01253

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0006877.5 **22 Mar/mar 2000 (22.03.2000)** GB

(30) 0031207.4 **21 Dec/déc 2000 (21.12.2000)** GB

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ION EXCHANGE MATERIALS
• MATERIAUX ECHANGEURS D'IONS

(71) **VICTREX MANUFACTURING LIMITED** [GB/GB]; Victrex Technology Centre, Hillhouse International, P.O. Box 4, Thornton Cleveleys, Lancashire FY5 4QD (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANDREWS, Mark, James** [GB/GB]; 22 Ashley Road, Lytham St. Annes, Lancashire FY8 3AS (GB). **BRIDGES, Richard, Frank** [GB/GB]; 23 Heaton Close, Poulton Le Fylde, Lancashire FY6 7TY (GB). **CHARNOCK, Peter** [GB/GB]; 7 Elvaston Road, Carleton, Poulton Le Fylde, Lancashire FY6 7TH (GB). **DEVINE, John, Neil** [GB/GB]; 32 Sheringham Way, Poulton Le Fylde, Lancashire FY6 7EE (GB). **KEMMISH, David, John** [GB/GB]; 10 Whittle Green, Woodplumpton, Preston, Lancashire PR4 0WG (GB). **LOCKLEY, John, Edward** [GB/GB]; 1st Floor Flat, 10 Rossmoyne Road, Lancaster LA1 4SN (GB). **WILSON, Brian** [GB/GB]; 1 White Lea, Cabus, Garstang, Lancashire PR3 1JG (GB).

(74) **BRIERLEY, Anthony, Paul** et al. / etc.; Appleyard Lees, 15 Clare Road, Halifax HX1 2HY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01M 8/10**

(11) **WO 01/71840** (13) A2

(21) PCT/NL01/00225

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) nl (26) en

(30) 1014696 **20 Mar/mar 2000 (20.03.2000)** NL

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PRODUCTION OF LOW-TEMPERATURE FUEL CELL ELECTRODES
• PRODUCTION D'ELECTRODES DE PILE A COMBUSTIBLE BASSE TEMPERATURE

(71) **STICHTING ENERGIEONDERZOEK CENTRUM NEDERLAND** [NL/NL]; Westerduinweg 3, NL-1755 LE Petten (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DE HEER, Michiel, Pieter** [NL/NL]; Binnenplaats 63, NL-1695 JK Blokker (NL). **DE BRUIJN, Frank, Albert** [NL/NL]; Runmolen 26, NL-1823 GK Alkmaar (NL).

(74) **JORRITSMA, Ruurd**; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01M 8/24, 8/12**

(11) **WO 01/71841** (13) A2

(21) PCT/US00/32070

(22) **22 Nov/nov 2000 (22.11.2000)**

(25) en (26) en

(30) 09/537,486 **21 Mar/mar 2000 (21.03.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TUBULAR ELECTROCHEMICAL DEVICES WITH LATERAL FUEL APERTURES FOR INCREASING ACTIVE SURFACE AREA
• DISPOSITIFS TUBULAIRES ELECTROCHIMIQUES DOTES D'OUVERTURES LATERALES A COMBUSTIBLE, AUX FINS D'ACCROISSEMENT DE LA SURFACE UTILE

(71) **MICHAEL A. COBB & COMPANY** [US/US]; 1688 Brookwood Drive, Akron, OH 44313-5068 (US). **UNITED STATES DEPARTMENT OF ENERGY GC-62 (FORSTL)** [US/US]; 1000 Independence Avenue S.W., Washington, DC 20585 (US).

(72) **GEORGE, Thomas, J.**; 541 Broadway Avenue, Star City, WV 26505 (US). **MEACHAM, G., B., Kirby**; 18560 Parkland Drive, Shaker Heights, OH 44122 (US).

(74) **MOXON, George, II**; Brouse McDowell, 500 First National Tower, Akron, OH 44308-1471 (US).

(81) AU CN IN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01M 8/24**

(11) **WO 01/71842** (13) A2

(21) PCT/US01/08275

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 60/190,190 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FUEL CELL STACK ASSEMBLY
• ENSEMBLE EMPILE DE PILES A COMBUSTIBLE

(71) **ALLEN ENGINEERING COMPANY, INC.** [US/US]; 523 Horton Hill Road, Naugatuck, CT 06770 (US).

(72) **ALLEN, Jeffrey, P.**; 523 Horton Hill Road, Naugatuck, CT 06770 (US).

(74) **IWANICKI, John, P.** et al. / etc.; Banner & Witcoff, Ltd., 28 State Street, 28th Floor, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01Q**

(11) **WO 01/71843** (13) A2

(21) PCT/EP01/02750

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 0006955.9 **23 Mar/mar 2000** GB **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ANTENNA DIVERSITY ARRANGEMENT
• DISPOSITIF A DIVERSITE D'ANTENNE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **BOYLE, Kevin, R.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **WHITE, Andrew, G.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01Q 1/24, 1/22, 1/08**

(11) **WO 01/71844** (13) A1

(21) PCT/CA01/00386

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/534,016 **24 Mar/mar 2000** US **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • RETRACTABLE ANTENNA FOR PERSONAL COMPUTER CARD
• ANTENNE RETRACTABLE POUR CARTE PC

(71) **SIERRA WIRELESS, INC.** [CA/CA]; Suite 150, 13575 Commerce Parkway, Richmond, British Columbia V6V 2L1 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VANDERHELM, Ron** [CA/CA]; 13325 28th Avenue, Surrey, British Columbia V4P 1X3 (CA). **MOU, Wei** [CA/CA]; 1349 Halifax Avenue, Port Coquitlam, British Columbia V3B 7J6 (CA). **GLEENER, Andrey** [CA/CA]; 5857 Neville Street, Burnaby, British Columbia V5J 2J3 (CA).

(74) **VERMETTE & CO.**; Box 40, Granville Square, 230-200 Granville Street, Vancouver, British Columbia V6C 1S4 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **H01Q 1/24**

(11) **WO 01/71845** (13) A1

(21) PCT/IL00/00175

(22) **19 Mar/mar 2000 (19.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CHARGING SOLAR ANTENNA FOR PORTABLE ELECTRONIC DEVICES
• CHARGEMENT DE L'ANTENNE SOLAIRE POUR DISPOSITIFS ELECTRONIQUES PORTABLES

(71, 72) **GENISH, Chlaffo** [IL/IL]; Nordau Street 4, 43200 Ra'anana (IL). **REFAELI, Shimshon** [IL/IL]; Hankin Street 70, 43464 Ra'anana (IL).

(74) **EITAN, PEARL, LATZER & COHEN-ZEDEK**; 2 Gav Yam Center, Shenkar Street 7, 46725 Herzlia (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01Q 1/24, 1/52**

(11) **WO 01/71846** (13) A1

(21) PCT/US01/08693

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/532,922 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MULTIPLE ANTENNA IMPEDANCE OPTIMIZATION
• OPTIMISATION DE L'IMPEDANCE D'ANTENNES MULTIPLES

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, Research Triangle Park, NC 27709 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILCOX, Bruce, Emerson** [US/US]; 118 Trailview Drive, Cary, NC 27513 (US). **DOUGLAS, Mark, Gordon** [CA/US]; 327 Bond Lake Dr., Cary, NC 27513 (US).

(74) **BENNETT, David, E.**; Coats & Bennett, PLLC, P.O. Box 5, Raleigh, NC 27602 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **H01Q 1/32, 5/00**

(11) **WO 01/71847** (13) A1

(21) PCT/JP01/01362

(22) **23 Feb/fév 2001 (23.02.2001)**

(25) ja (26) ja

(30) 2000-076164 **17 Mar/mar 2000** JP **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MULTI-FREQUENCY ANTENNA
• ANTENNE MULTIFREQUENCE

(71) **NIPPON ANTENA KABUSHIKI KAISHA** [JP/JP]; 49-8, Nishiogu 7-chome, Arakawa-ku, Tokyo 116-0011 (JP).

(72) **SHIMIZU, Hiroshi**; 2132, Shimooshi, Gyoda-shi, Saitama 361-0037 (JP). **KADOTA, Yoshio**; c/o Nippon Antena Kabushiki Kaisha Warabi-koujyo, 7-4, Kitamachi 4-chome, Warabi-shi, Saitama 335-0001 (JP).

(74) **ASAMI, Yasuo**; Yukon Tokkyo Jimusho,, Shinkawa-Ohara BLDG. 6F, 27-8, Shinkawa 1-chome, Chuo-ku, Tokyo 104-0033 (JP).

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(b)*

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(51)[7] **H01Q 1/36, G08B 13/14**

(11) **WO 01/71848** (13) A1

(21) PCT/US01/08992

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/190,936 **21 Mar/mar 2000 (21.03.2000)** US

(30) Not furnished / non communiqué **6 Apr/avr 2000 (06.04.2000)** US

(30) 60/194,890 **6 Apr/avr 2000 (06.04.2000)** US

(30) 60/197,417 **14 Apr/avr 2000 (14.04.2000)** US

(30) 60/249,027 **16 Nov/nov 2000 (16.11.2000)** US

(30) 60/254,575 **12 Dec/déc 2000 (12.12.2000)** US

(30) 60/270,909 **26 Feb/fév 2001 (26.02.2001)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A TAMPER INDICATING RADIO FREQUENCY IDENTIFICATION LABEL
• ETIQUETTE D'IDENTIFICATION RADIOFREQUENCE A INDICATION DE VIOLATION

(71) **MIKOH CORPORATION** [US/US]; Suite 700, 2010 Corporate Ridge, McLean, VA 22102 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ATHERTON, Peter** [AU/US]; 2903 Oakton Crest Place, Vienna, VA 22181 (US).

(74) **KAMINSKI, Jeffri** et al. / etc.; Venable, P.O. Box 34385, Washington, DC 20043-9998 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **H01Q 1/38, 9/04, 25/00, 23/00, 21/06**

(11) **WO 01/71849** (13) A2

(21) PCT/US01/08929

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,686 **20 Mar/mar 2000 (20.03.2000)** US

(30) 60/245,838 **3 Nov/nov 2000 (03.11.2000)** US

(30) 09/812,701 **20 Mar/mar 2001 (20.03.2001)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • RECONFIGURABLE ANTENNA
• ANTENNE RECONFIGURABLE

(71) **SARNOFF CORPORATION** [US/US]; 201 Washington Road, CN 5300, Princeton, NJ 08543 (US).

(72) **FATHY, Aly**; 452 White Swan Way, Langhorne, PA 19047 (US). **PERLOW, Stewart, M.**; 4 Lawton Road, Marlboro, NJ 07746 (US). **ROSEN, Arye**; 508 Hartwood Road, Cherry Hill, NJ 08003 (US). **TAYLOR, Gordon, C.**; 246 Varsity Avenue, Princeton, NJ 08540 (US). **KANAMALURU, Sridhar**; 35 Haverford Road, W. Windsor, NJ 08550 (US). **EISHERBINY, Moniem**; 23151 Verdugo Drive, Suite 103, Laguna Hills, CA 92653 (US).

(74) **PATTERSON, William, B.** et al. / etc.; Thomason, Moser & Patterson LLP, 3040 Post Oak Boulevard, Suite 1500, Houston, TX 77056 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01Q 3/26, G01S 7/40**

(11) **WO 01/71850** (13) A1

(21) PCT/SE01/00473

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) en (26) en

(30) 0000975-3 **22 Mar/mar 2000 (22.03.2000)** SE

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SELF-CALIBRATION OF FEEDERS FOR ARRAY ANTENNAS
• AUTO-ETALONNAGE DE LIGNES D'ANTENNE POUR ANTENNES EN RESEAU

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).

(72) **REXBERG, Leonard**; Carl Bondes Väg 58, S-165 74 Hässelby (SE).

(74) **HEDBERG, Åke** et al. / etc.; Aros Patent AB, P.O. Box 1544, S-751 45 Uppsala (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01Q 9/30, 9/32, 11/08**

(11) **WO 01/71851** (13) A1

(21) PCT/EP01/02745

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 0006956.7 **23 Mar/mar 2000 (23.03.2000)** GB

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ANTENNA ARRANGEMENT
• SYSTEME ANTENNE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **BOYLE, Kevin, R.**; Prof Holstlaan 6, NL-5656 AA Eindhoven (NL). **MASSEY, Peter, J.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **WHITE, Andrew, G.**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **H01R 4/02, 43/02, B23K 1/00, 35/24**

(11) **WO 01/71852** (13) A1

(21) PCT/FI01/00281

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 20000657 **21 Mar/mar 2000 (21.03.2000)** FI

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR MAKING AN ELECTROCONDUCTIVE JOINT
• PROCEDE DE FABRICATION D'UN JOINT ELECTROCONDUCTEUR

(71) **OUTOKUMPU OYJ** [FI/FI]; Riihitontuntie 7, FIN-02200 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **POLVI, Veikko** [FI/FI]; Huvisuulintie 4, FIN-28200 Pori (FI).

(74) **OUTOKUMPU OYJ**; Intellectual Property Management, P.O. Box 27, FIN-02201 Espoo (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(u) for / pour US only / seulement

(51)[7] **H01R 11/01, 13/24, 12/16**

(11) **WO 01/71853** (13) A1

(21) PCT/JP01/02136

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) ja (26) ja

(30) 2000-84791 **24 Mar/mar 2000 (24.03.2000)** JP

(30) 2000-213994 **14 Jul/juil 2000 (14.07.2000)** JP

(30) 2000-371576 **6 Dec/déc 2000 (06.12.2000)** JP

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COIL SPRING CONTACT TYPE CONNECTOR
• CONNECTEUR DE TYPE A CONTACTS A RESSORT HELICOIDAL

(71) **YOKOWO CO., LTD.** [JP/JP]; 5-11, Takinogawa 7-chome, Kita-ku, Tokyo 114-8515 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ISHIZUKA, Shinichi** [JP/JP]; c/o Yokowo Co., Ltd., 5-11, Takinogawa 7-chome, Kita-ku, Tokyo 114-8515 (JP). **ENDO, Kenji** [JP/JP]; c/o Yokowo Co., Ltd., 5-11, Takinogawa 7-chome, Kita-ku, Tokyo 114-8515 (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) CA CN KR NO SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01R 11/01, 4/04, 43/00, H05K 3/32, H01B 5/16**

(11) **WO 01/71854** (13) A1

(21) PCT/JP01/02356

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-87104 **23 Mar/mar 2000 (23.03.2000)** JP

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ELECTRICAL CONNECTION MATERIAL AND ELECTRICAL CONNECTION METHOD
• MATERIAU POUR CONNEXION ELECTRIQUE ET PROCEDE DE CONNEXION ELECTRIQUE

(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) **HONDA, Noriyuki** [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **HANAI, Nobuhiro** [JP/JP]; c/o Sony Minokamo Corporation, 15-22 Hongo-cho 9-chome, Minokamo-shi, Gifu 505-0027 (JP). **NAKADA, Masakazu** [JP/JP]; c/o Sony Kohda Corporation, 1, Aza Suzumegairi, Ohaza Sakazaki, Kohda-cho Nukata-gun, Aichi 444-0104 (JP).

(74) **MATSUKUMA, Hidemori**; Shinjuku Bldg., 8-1, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01R 13/52**

(11) **WO 01/71855** (13) A1

(21) PCT/KR01/00430

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ko (26) en

(30) 2000-7880 U **20 Mar/mar 2000 (20.03.2000)** KR

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TERMINAL ASSEMBLY WITH WATERPROOF STRUCTURE
• ENSEMBLE BORNE DE CONNEXION A STRUCTURE ETANCHE

(71, 72) **EUN, Sung, Gyun** [KR/KR]; 274-106, Samsun-dong 1-ga, Sungbuk-ku, Seoul 136-041 (KR).

(74) **JIN, Cheon Woong**; #3F, Yonghun B/D, 1542-14, Seocho-dong, Seocho-ku, Seoul 137-070 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01R 13/627**

(11) **WO 01/71856** (13) A1

(21) PCT/US01/04011

(22) **8 Feb/fév 2001 (08.02.2001)**

(25) en (26) en

(30) 09/528,642 **20 Mar/mar 2000 (20.03.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CANTILEVER LATCH MECHANISM
• MECANISME DE VERROUILLAGE EN PORTE-A-FAUX

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, Research Triangle Park, NC 27709 (US).

(72) **PATTERSON, Gregory, S.**; 106 Holly Creek Road, Morrisville, NC 27560 (US). **SADLER, John, Thomas**; 527 Old Bailey Court, Wake Forest, NC 27587 (US). **MARENO, Jason, D.**; 12344 Wharton's Park, Raleigh, NC 27613 (US).

(74) **BENNETT, David, E.** et al. / etc.; Coats & Bennett, PLLC, Post Office Box 5, Raleigh, NC 27602 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01R 13/703, 13/646, 4/02**

(11) **WO 01/71857** (13) A1

(21) PCT/JP01/02303

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 2000-084443 **24 Mar/mar 2000 (24.03.2000)** JP

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COAXIAL CONNECTOR
• RACCORD COAXIAL

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-0050 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAGA, Hideo** [JP/JP]; A304, 170-1, Kamihoshikawa, Hodogaya-ku, Yokohama-shi, Kanagawa 240-0042 (JP). **INOMATA, Yoji** [JP/JP]; 3-9-62, Hashidocho, Seya-ku, Yokohama-shi, Kanagawa 246-0037 (JP). **KUCHIISHI, Koji** [JP/JP]; 729-205, Shinmarukocho, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0005 (JP). **HIGUCHI, Toshihiro** [JP/JP]; 1-102, 1-14, Sugeshiroshita, Tama-ku, Kawasaki-shi, Kanagawa 214-0007 (JP). **IKEDA, Yasunobu** [JP/JP]; 6-31-6-406, Rokkakubashi, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0802 (JP).

(74) **OGURI, Shohei** et al. / etc.; Eikoh Patent Office, 28th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6028 (JP).

(81) AU CN IN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01R 13/73**

(11) **WO 01/71858** (13) A1

(21) PCT/US01/09128

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,200 **22 Mar/mar 2000 (22.03.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SELF-SEALING ELECTRICAL PLUG AND SOCKET ASSEMBLY FOR TRUCKS
• DISPOSITIF DE CONNEXION ELECTRIQUE A AUTO-ETANCHEIFICATION POUR CAMIONS

(71) **R.A. PHILLIPS INDUSTRIES, INC.** [US/US]; 12012 Burke Street, Santa Fe Springs, CA 90670 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOWARD, Stephen, M.** [US/US]; 5045 Lake Vista, The Colony, TX 75056 (US).

(74) **HAYDEN, Carney, A.**; Christie, Parker & Hale, LLP, Post Office Box 7068, Pasadena, CA 91109-7068 (US).

(81) AU CA MX US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01R 24/00**

(11) **WO 01/71859** (13) A1

(21) PCT/US00/28305

(22) **13 Oct/oct 2000 (13.10.2000)**

(25) en (26) en

(30) 09/528,331 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MODULAR JACK FOR TYPE III PCMCIA CARDS
• PRISE MODULAIRE DESTINEE A DES CARTES PCMCIA DE TYPE III

(71) **3COM CORPORATION** [US/US]; 5400 Bayfront Plaza, Santa Clara, CA 95052-8145 (US).

(72) **OLIPHANT, David**; 5532 W. Lockwood Drive, Salt Lake City, UT 84120 (US). **KUNZ, Ryan, A.**; 2761 West 5625 South, Roy, UT 84067 (US). **JOHNSON, Thomas, A.**; 13328 South Cub Creek Circle, Draper, UT 84020 (US). **LO FORTE, Steven**; 865 Canyon Ridge #30, Midvale, UT 84047 (US).

(74) **MASCHOFF, Eric, L.** et al. / etc.; Workman, Nydegger & Seeley, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111 (US).

(81) AU DE GB JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **H01R 24/00, H05K 1/14**

(11) **WO 01/71860** (13) A1

(21) PCT/US00/28571

(22) **13 Oct/oct 2000 (13.10.2000)**

(25) en (26) en

(30) 09/528,501 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CARD EDGE CONNECTOR FOR A MODULAR JACK
• CONNECTEUR DE CARTE POUR PRISE MODULAIRE

(71) **3COM CORPORATION** [US/US]; 5400 Bayfront Plaza, Santa Clara, CA 95052-8145 (US).

(72) **OLIPHANT, David**; 5532 W. Lockwood Drive, Salt Lake City, UT 84120 (US). **JOHNSON, Thomas, A.**; 13328 South Cub Creek Circle, Drapper, UT 84020 (US).

(74) **MASCHOFF, Eric, L.** et al. / etc.; Workman, Nydegger & Seeley, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111 (US).

(81) AU DE GB JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **H01S 3/00**

(11) **WO 01/71861** (13) A2

(21) PCT/US01/09480

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,699 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 60/191,694 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CONTINUOUSLY GRATING-TUNED EXTERNAL CAVITY LASER WITH AUTOMATIC SUPPRESSION OF SOURCE SPONTANEOUS EMISSION AND AMPLIFIED SPONTANEOUS EMISSION
• LASER A CAVITE EXTERNE ACCORDABLE EN CONTINU EN RESEAU AVEC SUPPRESSION AUTOMATIQUE D'EMISSION SOURCE SPONTANEE ET D'EMISSION SPONTANEE AMPLIFIEE

(63) US 60/191,699 (CIP) 23 Mar/mar 2000 (23.03.2000)
US 60/191,694 (CIP) 23 Mar/mar 2000 (23.03.2000)

(71) **NEW FOCUS, INC.** [US/US]; Suite 100, 5215 Hellyer Avenue, San Jose, CA 95138-1001 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZHANG, Guangzhi, Z.** [CN/US]; 285 Richfield Drive #20, San Jose, CA 95129 (US). **WU, I-Fan** [CN/US]; 1232 Casa Marcia Place, Fremont, CA 94539 (US).

(74) **ABRAHAM, David, J.**; Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304-1050 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01S 3/067**

(11) **WO 01/71862** (13) A1

(21) PCT/US01/01951

(22) **19 Jan/jan 2001 (19.01.2001)**

(25) en (26) en

(30) 09/526,892 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LONG BAND OPTICAL AMPLIFIER
• AMPLIFICATEUR OPTIQUE BANDE LONGUE

(71) **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).

(72) **LIU, Yongqian**; 6 Timber Lane, Painted Post, NY 14870 (US).

(74) **SHORT, Svetlana, Z.**; Corning Incorporated, SP TI 3 1, Corning, NY 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01S 3/10, 3/067**

(11) **WO 01/71863** (13) A1

(21) PCT/JP01/02374

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) ja (26) ja

(30) 2000-83669 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • OPTICAL AMPLIFIER
• AMPLIFICATEUR OPTIQUE

(71) **MITSUBISHI CABLE INDUSTRIES, LTD.** [JP/JP]; 8, Nishinocho, Higashimukaijima, Amagasaki-shi, Hyogo 660-0856 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMASHITA, Takamasa** [JP/JP]; c/o, Itami Works of Mitsubishi Cable Industries, Ltd., 3, Ikejiri 4-chome, Itami-shi, Hyogo 664-0027 (JP). **SAWADA, Hisashi** [JP/JP]; c/o, Itami Works of Mitsubishi Cable Industries, Ltd., 3, Ikejiri 4-chome, Itami-shi, Hyogo 664-0027 (JP). **YOSHIDA, Minoru** [JP/JP]; c/o, Itami Works of Mitsubishi Cable Industries, Ltd., 3, Ikejiri 4-chome, Itami-shi, Hyogo 664-0027 (JP).

(74) **MAEDA, Hiroshi** et al. / etc.; Taihei Bldg. 4-8, Utsubohonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0004 (JP).

(81) CA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01S 3/20, C09K 19/52, F21V 9/14, G02B 5/30, G02C 7/12, G02F 1/1337, G09G 3/36**

(11) **WO 01/71864** (13) A1

(21) PCT/US01/08903

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,726 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CHIRAL LASER UTILIZING A QUARTER WAVE PLATE
• LASER CHIRAL UTILISANT UNE LAME QUART D'ONDE

(71) **CHIRAL PHOTONICS, INC.** [US/US]; 115 Industrial East, Clifton, NJ 07012 (US).

(72) **KOPP, Victor, Il'ich**; 36-19 Bowne Street, #5F, Flushing, NY 11354 (US). **GENACK, Azriel, Zelig**; 66 West 94th Street, #5E, New York, NY 10025 (US).

(74) **ETKIN, Edward**; Suite 3C, 4804 Bedford Avenue, New York, NY 11235 (US).

(81) AE AL AU BA BB BG BR BZ CA CN CU CZ DM EE GE HU ID IL IN IS JP KP KR LC LK LT LV MA MK MN MX NO NZ PL RO SG SI SK TT UA UZ VN ZA.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H01S 5/022, G02B 6/42**

(11) **WO 01/71865** (13) A1

(21) PCT/DE01/01066

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) de (26) de

(30) 100 13 932.9 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LASER MODULE
• MODULE LASER

(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) **AURACHER, Franz** [AT/DE]; Eichenstrasse 26, 82065 Baierbrunn (DE).

(74) **EPPING HERMANN & FISCHER**; Postfach 12 10 26, 80034 München (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01S 5/0687**

(11) **WO 01/71866** (13) A1

(21) PCT/JP01/02301

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) ja (26) ja

(30) 2000-80694 **22 Mar/mar 2000** JP **(22.03.2000)**

(30) 2000-273514 **8 Sep/sep 2000** JP **(08.09.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LIGHT-EMITTING MODULE
• MODULE SOURCE DE LUMIÈRE

(71) **SUMITOMO ELECTRIC INDUSTRIES, LTD.** [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).

(72) **KATO, Takashi**; c/o Yokohama Works of Sumitomo Electric Industries, Ltd., 1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-8588 (JP). **KITAYAMA, Ken-ichi**; c/o Yokohama Works of Sumitomo Electric Industries, Ltd., 1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-8588 (JP). **YAMAGUCHI, Akira**; c/o Yokohama Works of Sumitomo Electric Industries, Ltd., 1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-8588 (JP).

(74) **HASEGAWA, Yoshiki** et al. / etc.; SOEI PATENT AND LAW FIRM, Okura-honkan, 6-12, Ginza 2-chome, Chuo-ku, Tokyo 104-0061 (JP).

(81) CA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H01S 5/34, 5/30**

(11) **WO 01/71867** (13) A2

(21) PCT/US01/08001

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 60/189,256 **14 Mar/mar 2000** US **(14.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • OPTICAL AMPLIFIERS AND LASERS
• AMPLIFICATEURS OPTIQUES ET LASERS

(63) US 60/189,256 (CON) 14 Mar/mar 2000 (14.03.2000)

(71) **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02142 (US). **LOS ALAMOS NATIONAL LABORATORY** [US/US]; P.O. Box 1663, Los Alamos, NM 87545 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KLIMOV, Victor, I.** [RU/US]; 569 S. Todd Loop, Los Alamos, NM 87544 (US). **MIKHAILOVSKI, Alexandre** [RU/US]; 1925 C 24th Street, Los Alamos, NM 87544 (US). **HOLLINGSWORTH, Jennifer, A.** [US/US]; 2005-D 22nd Street, Los Alamos, NM 87544 (US). **BAWENDI, Moungi, G.** [US/US]; 263 Commonwealth Avenue #5, Boston, MA 02116 (US). **LEATHERDALE, Catherine, A.** [CA/US]; 57 Roseland Street, Apartment 2, Somerville, MA 02143 (US).

(74) **PRAHL, Eric, L.**; Fish & Richardson, 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H02B 1/56**

(11) **WO 01/71868** (13) A1

(21) PCT/DE01/01101

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) de (26) de

(30) 100 14 252.4 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SWITCHGEAR CUBICLE AND A KIT FOR A SWITCHGEAR CUBICLE
• ARMOIRE DE COMMANDE ET ENSEMBLE POUR ARMOIRE DE COMMANDE

(71, 72) **WEBER, Ulrich** [DE/DE]; Jungerhalde 9, 78464 Konstanz (DE).

(74) **HEISEL, Wolfgang**; Holzgasse 6, 78476 Allensbach (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DE (Utility model / modèle d'utilité) DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H02B 11/00**

(11) **WO 01/71869** (13) A2

(21) PCT/US01/08282

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 60/190,299 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 09/681,238 **2 Mar/mar 2001** US **(02.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DRAW OUT ARRANGEMENT FOR MOLDED CASE CIRCUIT BREAKERS
• ASSEMBLAGE AMOVIBLE POUR DISJONCTEURS EN BOITIER MOULE

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **KASHYAP, Pavan**; 63, 3rd Cross Road, Shirampuram, Bangalore 560 021 (IN). **PANDIT, Anilkumar, D.**; C11/2, Dattaprasad, 10th Main, Malleswaram, Bangalore 560 003 (IN). **CHADRAKUMAR, S.**; 41 Shivachandra Nilaya, 6th Temple Road, Malleswaram, Bangalore 560 003 (IN). **SRIDHAR, Kadaba, V.**; Flat Number 201, Venkata Vihar, Number 23, 12th Main, Malleswaram, Bangalore 560 055 (IN). **LETIENT, Patrick**; 3, rue des Girondins, F-02100 Saint-Quentin (FR).

(74) **CHASKIN, Jay, L.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) CN HU PL.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H02B 11/04**

(11) **WO 01/71870** (13) A2

(21) PCT/US01/08756

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/190,747 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 09/725,381 **29 Nov/nov 2000** US **(29.11.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CONTACT SYSTEM ARRANGEMENT FOR PLUG-IN CIRCUIT BREAKERS AND BASE
• CONFIGURATION D'UN SYSTEME DE CONTACT POUR COUPE-CIRCUITS ENFICHABLES ET BASE

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **RANE, Mahesh, Jaywant**; 512, 12th Main, 7th Sector, H.S.R. Layout, Bangalore 560 034 (IN). **NARAYANAN, Janakiraman**; M240, Old ATSC Hudco, Hosure, 635 109 (IN). **KRISHNAMURTHY, ShachiDevi, Tumkur**;

155, 48th Cross, 3rd Block, Rajajinagar, Bangalore 560 010 (IN). **LETIENT, Patrick**; 3, rue des Girondins, F-02100 Saint-Quentin (FR). **SHANTARAJU, Chandrakumar**; Number 41, Shivachandra Nilaya, 6th Temple Road, Malleswaram, Bangalore 560 003 (IN). **NAMITHA, Chandrappa**; Number 671, 1st floor, 17th Cross, 6th Phase, J.P. Nagar, Bangalore 560 078 (IN). **PHANEEDRA, Tirumani, Govinda, setty**; #427 First Main, First Cross, Bhavani Nagar, Bangalore 560 019 (IN).

(74) **CHASKIN, Jay, L.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) CN HU MX PL.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H02B 11/133**

(11) **WO 01/71871** (13) A1

(21) PCT/US01/08778

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/190,643 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 09/732,263 **7 Dec/déc 2000** US **(07.12.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LOCKING ARRANGEMENT FOR CIRCUIT BREAKER DRAW-OUT MECHANISM
• DISPOSITIF DE VERROUILLAGE POUR MECANISME AMOVIBLE DE DISJONCTEUR

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **RANE, Mahesh, Jaywant**; 512, 12th Main, 7th Sector, H.S.R. Layout, Bangalore 560 034 (IN). **KASHYAP, Pavan, Ramachadra, Vitthal**; 63, 3rd Cross Road, Shirampuram, Bangalore 560 021 (IN). **PANDIT, Anilkumar, Dinker**; CII/2 Dattaprasad, 10th Main, Malleswaram, Bangalore 560 003 (IN). **NARAYANAN, Janakiraman**; M240, Old ATSC Hudco, Hosure, 635 109 (IN). **LETIENT, Patrick**; 3, rue des Girondins, F-02100 Saint-Quentin (FR).

(74) **CHASKIN, Jay, L.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) CN HU MX PL.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H02B 13/035, H01H 33/30, F15B 21/04**

(11) **WO 01/71872** (13) A1

(21) PCT/JP01/01216

(22) **20 Feb/fév 2001 (20.02.2001)**

(25) ja (26) ja

(30) 2000-81726 **17 Mar/mar 2000** JP **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • GAS INSULATION SWITCH
• COMMUTATEUR D'ISOLATION AU GAZ

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAEGASHI, Masahiro** [JP/JP]; c/o Power & Industrial Systems Division, HITACHI, LTD., 1-1, Kokubu-cho 1-chome, Hitachi-shi, Ibaraki 316-0035 (JP). **YAMANE, Yuichiro** [JP/JP]; c/o Power & Industrial Systems Division, HITACHI, LTD., 1-1, Kokubu-cho 1-chome, Hitachi-shi, Ibaraki 316-0035 (JP). **KASHIMURA, Katsuichi** [JP/JP]; c/o Power & Industrial Systems Division, HITACHI, LTD., 1-1, Kokubu-cho 1-chome, Hitachi-shi, Ibaraki 316-0035 (JP). **TSUKUSHI, Masanori** [JP/JP]; c/o Power & Industrial Systems Division, HITACHI, LTD., 1-1, Kokubu-cho 1-chome, Hitachi-shi, Ibaraki 316-0035 (JP).

(74) **TAKADA, Yukihiko** et al. / etc.; 1-48, Saiwai-cho 2-chome, Hitachi-shi, Ibaraki 317-0073 (JP).

(81) AE BR CN IN JP KR MX RU SG US YU ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H02G 15/06, H01R 13/53**

(11) **WO 01/71873** (13) A1

(21) PCT/EP01/03028

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) de (26) de

(30) 100 14 460.8 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEVICE FOR CONNECTING A CURRENT-CARRYING CONDUCTOR OF A CABLE TO A CONNECTION DEVICE
• DISPOSITIF DE CONNEXION D'UN CONDUCTEUR ELECTRIQUE D'UN CABLE A UN DISPOSITIF DE RACCORD

(71) **PFISTERER KONTAKTSYSTEME GMBH & CO. KG** [DE/DE]; Inselstrasse 140, 70327 Stuttgart (DE).

(72) **BÄUERLE, Gottfried**; Postweg 2e, 70736 Fellbach (DE). **SCHMID, Hermann**; Vogelsangweg 26, 73650 Winterbach (DE).

(74) **BARTELS & PARTNER**; Lange Strasse 51, 70174 Stuttgart (DE).

(81) BR IL JP KP KR MX.

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(51)[7] **H02H 1/00, G01R 15/06, H03H 17/06, H01H 1/00**

(11) **WO 01/71874** (13) A2

(21) PCT/US01/09033

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/532,883 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CVT TRANSIENT FILTER
• FILTRE TRANSITOIRE A TRANSFORMATEURS DE TENSION CAPACITIFS

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **KASZTENNY, Bogdan**; 46 Woodgrove Trail, Markham, Ontario L6C 1Z8 (CA). **ASARO, Vince**; 3515 Ellesmere Road, Scarborough, Ontario M1C 1H5 (CA).

(74) **BENINATI, John, F.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H02H 3/05**

(11) **WO 01/71875** (13) A1

(21) PCT/EP01/02885

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) de (26) de

(30) 200 05 054.0 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ELECTROMOTIVE DRIVE
• ENTRAINEMENT A MOTEUR ELECTRIQUE

(71) **DEWERT ANTRIEBS- UND SYSTEMTECHNIK GMBH & CO. KG** [DE/DE]; Weststrasse 1, 32278 Kirchlengern (DE).
(for all designated States except / pour tous les États désignés sauf JP US)

(71) **DEWERT VERWALTUNGS GMBH** [DE/DE]; Weststrasse 1, 32278 Kirchlengern (DE).
(only for / seulement pour JP)

(72, 75) **LAMBRECHT, Heinz** [DE/DE]; Oberer Schniederweg, 32312 Lübbecke (DE). **BOKÄMPER, Ralf** [DE/DE]; Schubertstrasse 2, 32312 Lübbecke (DE).

(74) **DANTZ, Jan** et al. / etc.; Jöllenbecker Strasse 164, 33613 Bielefeld (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H02H 3/05, H03K 19/003**

(11) **WO 01/71876** (13) A1

(21) PCT/US01/08884

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/191,602 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 09/716,583 **20 Nov/nov 2000** US **(20.11.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR PROVIDING OPTIMIZED ACCESS TO CIRCUITS FOR DEBUG, PROGRAMMING, AND TEST

- PROCEDE ET APPAREIL PROCURANT UN ACCES OPTIMISE A DES CIRCUITS AUX FINS DE DEBOGAGE, PROGRAMMATION ET ESSAI

(71) **INTELLITECH CORPORATION** [US/US]; 70 Main Street, Durham, NH 03824 (US).

(72) **RICCHETTI, Michael**; 54 Cathedral Circle, Nashua, NH 03063 (US). **CLARK, Christopher, J.**; 22B Cedar Point Road, Durham, NH 03824 (US). **DERVISOGLU, Bulent, I.**; 495 Sleeper Avenue, Moutain View, CA 94040 (US).

(74) **LEBOVICI, Victor, B.** et al. / etc.; Weingarten, Schurgin, Gagnebin & Hayes LLP, Ten Post Office Square, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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Declarations / Déclarations :
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(t) for all designations / pour toutes les désignations

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(51)[7] **H02H 3/06**

(11) **WO 01/71877** (13) A1

(21) PCT/DE01/00718

(22) **21 Feb/fév 2001 (21.02.2001)**

(25) de (26) de

(30) 100 14 929.4 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- METHOD FOR AUTOMATICALLY RECLOSING AND AN AUTOMATIC RECLOSING DEVICE
- PROCEDE DE REENCLENCHEMENT AUTOMATIQUE DU COURANT ET INSTALLATION DE REENCLENCHEMENT AUTOMATIQUE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CLAUS, Michael** [DE/DE]; Forststrasse 8D, 90579 Langenzenn (DE). **RISSLAND, Volker** [DE/DE]; Am Siebgraben 75, 16727 Markwitz (DE). **ZIMMER, Henry** [DE/DE]; Sägebockweg 102, 13125 Berlin (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H02J 1/00, B31B 1/00**

(11) **WO 01/71878** (13) A1

(21) PCT/US01/08921

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/532,393 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- SHARED OPERATING UNIT FOR A NETWORK OF PROGRAMMABLE EQUIPMENT
- UNITE D'EXECUTION PARTAGEE POUR RESEAU D'EQUIPEMENT PROGRAMMABLE

(71) **KUKA DEVELOPMENT LABORATORIES, INC.** [US/US]; 2619 Product Drive, Rochester Hills, MI 48309 (US).

(72) **STODDARD, Kenneth, A.**; 1450 Ridge Court, Rochester, MI 48306 (US). **KNEIFEL, R., William, III**; 1775 Jason Circle, Rochester Hills, MI 48306 (US). **SATTLER, Jason, A.**; 3797 Deer Springs Drive, Rochester Hills, MI 48306 (US).

(74) **STOUT, Donald, E.** et al. / etc.; Antonelli, Terry, Stout & Kraus, LLP, Suite 1800, 1300 N. Seventeenth Street, Arlington, VA 22209 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H02J 3/00**

(11) **WO 01/71879** (13) A1

(21) PCT/DE01/01071

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) de (26) de

(30) 100 13 535.8 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- COMPUTER-ASSISTED CONFIGURING TOOL
- OUTIL D'ETUDE ASSISTE PAR ORDINATEUR

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FÖRTSCH, Christiane** [DE/DE]; Wolfsstaudenring 27, 91056 Erlangen (DE). **GAST, Christiane** [DE/DE]; An der Schwedenschanze 22, 90455 Nürnberg (DE). **KRESS, Toni** [DE/DE]; Tilsiter Strasse 19, 91207 Lauf (DE). **LOUIS, Michael** [DE/DE]; Linnestrasse 13, 90443 Nürnberg (DE). **WALTER, Dieter** [DE/DE]; Im Zollstock 12, 91093 Hessdorf (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H02J 3/00**

(11) **WO 01/71880** (13) A1

(21) PCT/DE01/01072

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) de (26) de

(30) 100 13 521.8 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- COMPUTER-ASSISTED TESTING METHOD FOR A WIRING SYSTEM
- PROCEDE INFORMATIQUE DE VERIFICATION D'UN SYSTEME DE LIGNES ELECTRIQUES

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KRESS, Toni** [DE/DE]; Tilsiter Str. 19, 91207 Lauf (DE). **LOUIS, Michael** [DE/DE]; Linnestr. 13, 90443 Nürnberg (DE). **PANTENBURG, Norbert** [DE/DE]; Minervastr. 113, 90469 Nürnberg (DE). **TURNAUS, Andre** [DE/DE]; Archivstr. 3, 90408 Nürnberg (DE). **WALTER, Dieter** [DE/DE]; Im Zollstock 12, 91093 Hessdorf (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H02J 3/14**

(11) **WO 01/71881** (13) A2

(21) PCT/US01/04937

(22) **1 Mar/mar 2001 (01.03.2001)**

(25) en (26) en

(30) 09/531,167 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- ENERGY MANAGEMENT SYSTEM WHICH INCLUDES ON-SITE ENERGY SUPPLY
- SYSTEME DE GESTION D'ENERGIE COMPRENANT UNE ALIMENTATION EN ENERGIE SUR LE SITE

(63) US 09/531,167 (CON) 21 Mar/mar 2000 (21.03.2000)

(71) **SOLO ENERGY CORPORATION** [US/US]; Suite 210, 2701 Monarch Street, Alameda, CA 94501 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAGOD, Martin** [US/US]; 267 Catalpa Drive, Atherton, CA 94027 (US).

ALDRICH, Robert, G. [US/US]; 3 Alverno Court, Redwood City, CA 94061 (US). **GUETTEL, Alexander** [US/US]; Apartment 5H (Hudson), 345 West 13th, New York, NY 10014 (US).

(74) **PETERSON, James, W.**; 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 BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H02J 5/00**

(11) **WO 01/71882** (13) A1

(21) PCT/DE01/00574

(22) **12 Feb/fév 2001 (12.02.2001)**

(25) de (26) de

(30) 100 14 954.5 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ELECTRIC SUSPENDED CONVEYOR WITH CONTACTLESS ENERGY TRANSMISSION
• CONVOYEUR AERIEN ELECTRIQUE A TRANSMISSION D'ENERGIE SANS CONTACT

(71) **LJU INDUSTRIEELEKTRONIK GMBH** [DE/DE]; Am Schlahn 1, 14476 Gross Glienicke (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUTSCHEK, Norbert** [DE/DE]; Galileistr. 35, 14480 Potsdam (DE).

(74) **WABLAT, Wolfgang**; Postdamer Chaussee 48, 14129 Berlin (DE).

(81) AE AL AU BA BB BG BR CA CN CR CU CZ EE GE HR HU ID IL IN IS JP KE KP KR LT LV MA MG MK MN MW MX NO NZ PL RO SD SG SI SK TT TZ UA UG US UZ VN YU ZA ZW.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H02J 7/00**

(11) **WO 01/71883** (13) A1

(21) PCT/NO01/00115

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 20001443 **20 Mar/mar 2000** NO **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEVICE FOR CHARGING A STARTING BATTERY IN A VEHICLE
• DISPOSITIF DE CHARGEMENT D'UNE BATTERIE DE DEMARRAGE DANS UN VEHICULE

(71) **STARTLOOP AS** [NO/NO]; Dronning Maudsgt. 3, N-0250 Oslo (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RESCH, Øivind** [NO/NO]; Høvikveien 60D, N-1356 Bekkestua (NO). **LERVIK, Tore** [NO/NO]; P.O. Box 131, N-1650 Sellebakk (NO).

(74) **ANDERSON, Bjørn** et al. / etc.; ONSAGERS AS, P.O. Box 265 Sentrum, N-0103 Oslo (NO).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ (Utility model / modèle d'utilité) DE (Utility model / modèle d'utilité) DK (Utility model / modèle d'utilité) DM DZ EE (Utility model / modèle d'utilité) ES FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H02J 7/00**

(11) **WO 01/71884** (13) A2

(21) PCT/US01/07217

(22) **6 Mar/mar 2001 (06.03.2001)**

(25) en (26) en

(30) 09/535,474 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INTEGRATED CIRCUIT HAVING VARIOUS OPERATIONAL MODES AND A METHOD THEREFOR
• CIRCUIT INTEGRE PRESENTANT PLUSIEURS MODES OPERATIONNELS ET PROCEDE AFFERENT

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95202 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YARCH, Mark, A.** [—/US]; 5142 West Harrison Street, Chandler, AZ 85226 (US).

(74) **SEDDON, Kenneth, M.**; Intel Corporation, 2200 Mission College Boulevard, SC4-202A, Santa Clara, CA 95202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H02J 9/00**

(11) **WO 01/71885** (13) A1

(21) PCT/US01/08854

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,602 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 60/191,816 **24 Mar/mar 2000** US **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • UNINTERRUPTIBLE POWER SUPPLIES EMPLOYING FUEL CELLS
• ALIMENTATIONS SANS COUPURE DANS LESQUELLES DES PILES A COMBUSTIBLE SONT UTILISEES

(71) **ALPHA TECHNOLOGIES, INC.** [US/US]; 3767 Alpha Way, Bellingham, WA 98225 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LIU, Frank** [US/US]; 3642 West Hills Place, Bellingham, WA 98226 (US). **HUMPHREYS, Paul** [CA/US]; 3812 Ridgemont Circle, Bellingham, WA 98226 (US). **LE, Thanh, P** [US/US]; 2551 Lakeridge Drive, Ferndale, WA 98248 (US). **SLOANE, Thomas, H.** [US/US]; 306 S. Forest, Bellingham, WA 98225 (US).

(74) **SCHACHT, Michael, R.**; Hughes & Schacht, PLLC, 2801 Meridian Street, Suite 1, Bellingham, WA 98225 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H02J 13/00**

(11) **WO 01/71886** (13) A1

(21) PCT/AT01/00063

(22) **6 Mar/mar 2001 (06.03.2001)**

(25) de (26) de

(30) A 463/2000 **20 Mar/mar 2000** AT **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DISTRIBUTION SYSTEM
• SYSTEME DE DISTRIBUTION

(71, 72) **HARBAUER, Heinrich** [AT/AT]; Trinserstrasse 8, A-6150 Steinach (AT).

(74) **HOFINGER, Engelbert** et al. / etc.; Wilhelm-Greilstrasse 16, A-6020 Innsbruck (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H02J 13/00**

(11) **WO 01/71887** (13) A2

(21) PCT/IB01/00448

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 2000/1472 **23 Mar/mar 2000** ZA **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MONITORING AND SECURITY ARRANGEMENT
• SYSTEME DE SURVEILLANCE ET DE SECURITE

(71, 72) **LEVINE, Anthony, Myron** [ZA/ZA]; 8 Northfield Avenue, Glenhazel, Johannesburg, 2192 Gauteng (ZA). **MILLER, Michael, Graham** [ZA/ZA]; 321 Olievenhout Avenue, Northriding, Johannesburg, 2192 Gauteng (ZA).

(74) **LEWIS, Alan**; Adams & Adams, 3rd Floor, 23 Wellington Road, Parktown, Johannesburg, 2193 Gauteng (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H02K 5/14**

(11) **WO 01/71888** (13) A1

(21) PCT/DE01/00927

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) de (26) de

(30) 100 14 310.5 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ELECTRICAL MACHINE
• MACHINE ELECTRIQUE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LECHNER, Mathias** [DE/DE]; Burgerwaldstrasse 28, 91567 Herrieden (DE). **GRILLENBERGER, Reiner** [DE/DE]; Tannenstrasse 5, 91575 Windsbach (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **H02K 5/22, 5/24**

(11) **WO 01/71889** (13) A1

(21) PCT/DE01/00246

(22) **20 Jan/jan 2001 (20.01.2001)**

(25) de (26) de

(30) 100 14 227.3 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEVICE FOR CONNECTING COMPONENTS WITH VARIOUS ELECTRICAL POTENTIALS AND SUBJECT TO VIBRATION
• DISPOSITIF POUR LE RACCORDEMENT DE DEUX COMPOSANTS SOUMIS A DES VIBRATIONS ET PRESENTANT DES POTENTIELS ELECTRIQUES DIFFERENTS

(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) **BAUER, Peter-Josef** [DE/BE]; Industriepark, B-3300 Tienen (BE). **LOTT, Thomas** [DE/DE]; Am Neuen Weg 16, 77815 Buehl (DE). **BECKER, Rainer** [DE/FR]; Rue De Ablettes 8, F-67930 Beinheim (FR). **SPETH, Michael** [DE/DE]; Brunnenfeldstrasse 13, 73566 Bartholomae (DE). **MEYER, Christian** [DE/DE]; Werrabronnerstr. 24, 76229 Karlsruhe Groetzingen (DE).

(81) BR CN CZ JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H02K 5/22, 11/02, H01R 4/24**

(11) **WO 01/71890** (13) A1

(21) PCT/DE01/00949

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) de (26) de

(30) 100 14 474.8 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • STRAIN RELIEF COMPONENT HAVING AN INTEGRATED CAPACITOR
• ELEMENT DE DECHARGE DE TRACTION AVEC CONDENSATEUR INTEGRE

(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) **HERRMANN, Hugo** [DE/DE]; Schaenzelstrasse 4, 77886 Lauf (DE). **DECKER, Werner** [DE/DE]; Kraemergasse 2 A, 77815 Buehl (DE). **KUEHNPAST, Andreas** [DE/DE]; Buergerwehrstrasse 17, 77736 Zell am Harmersbach (DE). **EWERT, Andreas** [DE/DE]; Wörthstrasse 3, 77839 Lichtenau (DE). **ULRICH, Jens** [DE/DE]; Herrenaecker Strasse 22, 76530 Baden-Baden (DE).

(81) KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H02K 7/06, 5/10**

(11) **WO 01/71891** (13) A1

(21) PCT/EP01/02887

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) de (26) de

(30) 200 05 050.8 **20 Mar/mar 2000** DE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ELECTROMOTIVE LINEAR DRIVE
• ENTRAINEMENT LINEAIRE A MOTEUR ELECTRIQUE

(71) **DEWERT ANTRIEBS- UND SYSTEMTECHNIK GMBH & CO. KG** [DE/DE]; Weststrasse 1, 32278 Kirchlengern (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROITHER, Andreas** [DE/DE]; Dortmunder Strasse 21, 33649 Bielefeld (DE). **BOKÄMPER, Ralf** [DE/DE]; Schubertstrasse 2, 32312 Lübbecke (DE). **FINKEMEYER, Horst** [DE/DE]; Spenger Strasse 98, 49328 Melle (DE). **MARTIN, Jürgen** [DE/DE]; Fahreschweg 34, 32257 Bünde (DE).

(74) **DANTZ, Jan** et al. / etc.; Jöllenbecker Strasse 164, 33613 Bielefeld (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **H02K 15/02, 1/16**

(11) **WO 01/71892** (13) A1

(21) PCT/EP01/02881

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) de (26) de

(30) 100 13 690.7 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR PRODUCING LAMINATED CORES CONSISTING OF SHEET PARTS
• PROCEDE DE PRODUCTION DE PAQUETS FORMES D'ELEMENTS EN TOLE

(71) **SCHULER PRESSEN GMBH & CO. KG** [DE/DE]; Bahnhofstrasse 41, 73033 Göppingen (DE). **ROOS & KÜBLER GMBH & CO. KG** [DE/DE]; Kanalstrasse 25, 73061 Ebersbach/Fils (DE).

(72) **BAREIS, Alfred**; Hauffstrasse 11, 73066 Uhingen (DE). **RÖVER, Markus**; Kissingerstrasse 72, 70372 Stuttgart (DE). **DRESCHER, Timo**; Kornbergstrasse 8, 73095 Albershausen (DE). **KAUFFMANN, Jochen**; Rosenstrasse 6, 73061 Ebersbach (DE).

(74) **SCHULER PRESSEN GMBH & CO. KG**; Schaller, Hans-Jörg, Bahnhofstrasse 41, 73033 Göppingen (DE).

(81) BR CA CN CZ HU IN JP KR MX PL RU SI SK ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H02M**

(11) **WO 01/71893** (13) A2

(21) PCT/US01/08455

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/532,918 **22 Mar/mar 2000** US **(22.03.2000)**

(30) 09/652,847 **31 Aug/août 2000** US **(31.08.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ULTRA-CAPACITOR BASED DYNAMICALLY REGULATED CHARGE PUMP POWER CONVERTER

• CONVERTISSEUR DE PUISSANCE DE POMPE DE CHARGE A REGULATION DYNAMIQUE FONDEE SUR UN ULTRA-CONDENSATEUR

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) **NEBRIGIC, Dragan, Danilo**; 4115 Mill Crest Drive, Indian Springs, OH 45011 (US). **JEVTITCH, Milan, Marcel**; 3001 Springer Avenue, Cincinnati, OH 45208 (US). **GARTSTEIN, Vladimir**; 11187 Huntwick Place, Cincinnati, OH 45241 (US). **MILAM, William, Thomas**; 8311 Chadwick Drive, Knoxville, TN 37909 (US). **SHERRILL, James, Vig**; P.O. Box 214, Norris, TN 37828 (US). **BUSKO, Nicholas**; 1508 Secretariat Boulevard, Knoxville, TN 37931 (US). **HANSEN, Peter**; 329 McFee Road, Knoxville, TN 37922 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H02M 3/00**

(11) **WO 01/71894** (13) A2

(21) PCT/US01/08454

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/191,138 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • OSCILLATORLESS DC-DC POWER CONVERTER

• CONVERTISSEUR DE PUISSANCE CONTINU-CONTINU SANS OSCILLATEUR

(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) **NEBRIGIC, Dragan, Danilo** [YU/US]; 4115 Mill Crest Drive, Indian Springs, OH 45011 (US). **JEVTITCH, Milan, Marcel** [US/US]; 3001 Springer Avenue, Cincinnati, OH 45208 (US). **GARTSTEIN, Vladimir** [US/US]; 11187 Huntwicke Place, Cincinnati, OH 45241 (US). **MILAM, William, Thomas** [US/US]; 8311 Chadwick Drive, Knoxville, TN 37909 (US). **SHERRILL, James, Vig** [US/US]; P.O. Box 214, Norris, TN 37828 (US). **BUSKO, Nicholas** [US/US]; 1508 Secretariat Blvd., Knoxville, TN 37931 (US). **HANSEN, Peter** [US/US]; 329 McFee Road, Knoxville, TN 37922 (US).

(74) **THE PROCTER & GAMBLE COMPANY**; c/o Mr. Timothy B. Guffey, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H02M 3/00**

(11) **WO 01/71895** (13) A2

(21) PCT/US01/09022

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/532,918 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DYNAMICALLY-CONTROLLED, INTRINSICALLY REGULATED CHARGE PUMP POWER CONVERTER

• CONVERTISSEUR DE PUISSANCE A POMPE DE CHARGE A COMMANDE DYNAMIQUE ET REGULATION INTRINSEQUE

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) **NEBRIGIC, Dragan, Danilo**; 4115 Mill Crest Drive, Indian Springs, OH 45011 (US). **JEVTITCH, Milan, Marcel**; 3001 Springer Avenue, Cincinnati, OH 45208 (US). **GARTSTEIN, Vladimir**; 11187 Huntwick Place, Cincinnati, OH 45241 (US). **MILAM, William, Thomas**; 8311 Chadwick Drive, Knoxville, TN 37909 (US). **SHERRILL, James, Vig**; P.O. Box 214, Norris, TN 37828 (US). **BUSKO, Nicholas**; 1508 Secretariat Blvd., Knoxville, TN 37931 (US). **HANSEN, Peter**; 329 McFee Road, Knoxville, TN 37922 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H02M 3/28**

(11) **WO 01/71896** (13) A1

(21) PCT/JP01/02256

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) ja (26) ja

(30) 2000-82891 **23 Mar/mar 2000** JP **(23.03.2000)**

(30) 2000-87674 **27 Mar/mar 2000** JP **(27.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SWITCHING POWER SUPPLY

• ALIMENTATION A DECOUPAGE

(71) **TDK CORPORATION** [JP/JP]; 1-13-1, Nihonbashi, Chuo-Ku, Tokyo 103-8272 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHO, Hisanori** [JP/JP]; c/o TDK CORPORATION, 1-13-1, Nihonbashi, Chuo-Ku, Tokyo 103-8272 (JP). **HIROKAWA, Masahiko** [JP/JP]; c/o TDK CORPORATION, 1-13-1, Nihonbashi, Chuo-Ku, Tokyo 103-8272 (JP). **MURAI, Yasuhiro** [JP/JP]; c/o TDK CORPORATION, 1-13-1, Nihonbashi, Chuo-Ku, Tokyo 103-8272 (JP).

(74) **NAKAMURA, Minoru** et al. / etc.; Room 646, Shin-Tokyo Bldg, 3-1, Marunouchi 3-Chome, Chiyoda-Ku, Tokyo 100-8355 (JP).

(81) JP US.

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(51)[7] **H02M 5/22**

(11) **WO 01/71897** (13) A1

(21) PCT/GB01/01182

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 0006514.4 **18 Mar/mar 2000** GB **(18.03.2000)**

(30) 0006513.6 **18 Mar/mar 2000** GB **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AN IMPROVED ELECTRICAL SUB-STATION
• AMELIORATIONS APPORTEES A UNE SOUS-STATION ELECTRIQUE

(71) **ALSTOM** [FR/FR]; 25, avenue Kléber, F-75795 Paris Cedex 16 (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OATES, Donald, Colin, Murray** [GB/GB]; The Old Post Office, Chase Road, Brocton, Staffordshire ST17 0TL (GB).

(74) **DARGAVEL, Laurence, Peter**; Alstom UK Ltd, Mill Road, P.O. Box 70, Rugby, Warwickshire CV21 1TB (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H02M 7/5387, 5/27**

(11) **WO 01/71898** (13) A1

(21) PCT/GB01/01157

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 0006513.6 **18 Mar/mar 2000** GB **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • IMPROVEMENTS RELATING TO CONVERTERS
• AMELIORATIONS RELATIVES A DES CONVERTISSEURS

(71) **ALSTOM** [FR/FR]; 25, avenue Kléber, F-75795 Paris Cedex 16 (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OATES, Donald, Colin, Murray** [GB/GB]; The Old Post Office, Chase Road, Brocton, Staffordshire ST17 0TL (GB).

(74) **BARKER BRETTELL**; 138 Hagley Road, Edgbaston, Birmingham B16 9PW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **H02N 2/00, H01L 41/09**

(11) **WO 01/71899** (13) A2

(21) PCT/EP01/03245

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/191,876 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 60/210,441 **8 Jun/juin 2000** US **(08.06.2000)**

(30) 60/215,686 **30 Jun/juin 2000** US **(30.06.2000)**

(30) 60/215,438 **30 Jun/juin 2000** US **(30.06.2000)**

(30) 60/231,001 **8 Sep/sep 2000** US **(08.09.2000)**

(30) 60/236,005 **27 Sep/sep 2000** US **(27.09.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • VIBRATORY MOTOR AND METHOD OF MAKING AND USING SAME
• MOTEUR VIBRANT ET PROCEDE DE FABRICATION ET D'UTILISATION DUDIT MOTEUR

(71) **ELLIPTEC RESONANT ACTUATOR AG** [DE/DE]; Bünnerhelfstrasse 10, 44379 Dortmund (DE).

(72) **MAGNUSSEN, Bjoern**; Auf der Ernst 43, 58638 Iserlohn (DE). **VARADI, Peter**; 2929 Wheeler Street, Berkeley, CA 94705 (US). **HAGEMANN, Benjamin**; Rodachstr. 1a, 96317 Neuses/Kronach (DE). **DAVIDSON, Erick**; Flurstr. 1, 96257 Redwitz (DE). **SCHOFIELD, Steven**; 2404 Alcatraz Avenue, Berkeley, CA 94705 (US).

(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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H02P**

(11) **WO 01/71900** (13) A2

(21) PCT/US01/08872

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/528,817 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR DIRECT SYNCHRONOUS RECTIFICATION IN A PULSE-WIDTH MODULATED MOTOR CONTROLLER
• PROCEDE ET APPAREIL DE REDRESSEMENT DIRECT SYNCHRONE DANS UNE COMMANDE DE MOTEUR MODULEE PAR IMPULSIONS EN DUREE

(71) **BALDOR ELECTRIC COMPANY** [US/US]; 5711 R.S. Boreham Jr. Street, Fort Smith, AR 72908 (US).

(72) **WOOD, Richard, D.**; 14805 38th Avenue N., Plymouth, MN 55446 (US).

(74) **ALLEN, Billy, C., III**; Howrey Simon Arnold & White, LLP, 750 Bering Drive, Houston, TX 77057-2198 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H02P 1/24**

(11) **WO 01/71901** (13) A1

(21) PCT/BE01/00041

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) en (26) en

(30) 60/188,308 **10 Mar/mar 2000** US **(10.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TRIAC CONTROLLER HAVING SOFT START SPEED REGULATION
• DISPOSITIF DE COMMANDE DE TRIAC, A REGULATION DE LA VITESSE POUR UN DEMARRAGE EN DOUCEUR

(71) **MELEXIS N.V.** [BE/BE]; Transportstraat, 1, B-3980 Tessenderlo (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VANDERHENST, Henri** [BE/BE]; Oude Pastorijstraat, 12, B-3930 Hamont-Achel (BE).

(74) **VANDEBERG, Marie-Paule** et al. / etc.; Office KirkPatrick, Avenue Wolfers, 32, B-1310 La Hulpe (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H02P 3/24**

(11) **WO 01/71902** (13) A1

(21) PCT/EP01/02854

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) de (26) de

(30) 100 14 174.9 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BRAKE MODULE
• MODULE DE FREINAGE

(71) **WILHELM ALTENDORF GMBH & CO. KG** [DE/DE]; Wettiner Allee 43/45, 32429 Minden (DE). **PETER ELECTRONIC GMBH & CO. KG** [DE/DE]; Ringstrasse 26, 90559 Oberferrieden (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALTENDORF, Wilfried** [DE/DE]; Brucknerstrasse 6, 32429 Minden (DE). **BARNER, Karsten** [DE/DE]; Unter den Bäumen 12, 32429 Minden (DE). **STILLER, Thomas** [DE/DE]; Siebenbürger Strasse 4, 90480 Nürnberg (DE). **KIRSCH, Franz** [DE/DE]; Nonnenbergstrasse 5, 91227 Leinburg (DE).

(74) **KECK, Stephan**; Eisenführ, Speiser & Partner, Martinistrasse 24, 28195 Bremen (DE).

(81) AU CN US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **H02P 7/67, G05B 19/416, 19/18**

(11) **WO 01/71903** (13) A1

(21) PCT/JP00/01672

(22) **17 Mar/mar 2000 (17.03.2000)**

(25) ja (26) ja

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NUMERICAL CONTROL DRIVE SYSTEM
• SYSTEME DE COMMANDE NUMERIQUE

(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) **TANAKA, Toshiki** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) **MIYATA, Kaneo** et al. / etc.; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **H03D 7/16**

(11) **WO 01/71904** (13) A1

(21) PCT/EP01/03005

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/531,944 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AUTOCALIBRATION OF A TRANSCEIVER THROUGH NULLING OF A DC-VOLTAGE IN A RECEIVER AND INJECTING OF DC-SIGNALS IN A TRANSMITTER
• AUTO-ETALONNAGE D'UN EMETTEUR-RECEPTEUR PAR L'ANNULATION D'UNE TENSION CC DANS UN RECEPTEUR ET L'INJECTION DE SIGNAUX CC DANS UN EMETTEUR

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **MOHINDRA, Rishi**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **CHARPAIL, François**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H03F 1/00**

(11) **WO 01/71905** (13) A2

(21) PCT/US01/08457

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/528,454 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AMPLIFIER CIRCUIT AND METHOD FOR PROVIDING NEGATIVE FEEDBACK THERETO
• CIRCUIT D'AMPLIFICATEUR ET PROCEDE DE GENERATION D'UNE CONTRE-REACTION DANS LEDIT CIRCUIT

(71) **JL AUDIO, INC.** [US/US]; 10369 N. Commerce Parkway, Miramar, FL 33025 (US).

(72) **MACMILLAN, Bruce, E.**; 4527 North 38th Street, Phoenix, AZ 85018 (US).

(74) **KAUTZ, Thomas, L.** et al. / etc.; Holland & Knight LLP, Suite 1300, One East Broward Boulevard, Fort Lauderdale, FL 33301 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H03G 3/00**

(11) **WO 01/71906** (13) A2

(21) PCT/US01/08969

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,110 **22 Mar/mar 2000** US **(22.03.2000)**

(30) 09/566,188 **5 May/mai 2000** US **(05.05.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INTEGRATED FREQUENCY TRANSLATION AND SELECTIVITY WITH GAIN CONTROL FUNCTIONALITY, AND APPLICATIONS THEREOF
• TRANSLATION ET SELECTIVITE DE FREQUENCES INTEGREES A FONCTIONNALITE DE COMMANDE DE GAIN ET APPLICATIONS ASSOCIEES

(71) **PARKERVISION, INC.** [US/US]; 8493 Baymeadows Way, Jacksonville, FL 32256 (US).

(72) **COOK, Robert, W.**; 1432 Roberts Road, Switzerland, FL 32259 (US). **BULTMAN, Michael, J.**; 2244 Aztec Drive West, Jacksonville, FL 32246 (US). **LOOKE, Richard, C.**; 3170 Ricky Drive, Jacksonville, FL 32223 (US). **MOSES, Charley, D., Jr.**; 4314 Naranja Drive, Jacksonville, FL 32217 (US). **SORRELLS, David, F.**; 3129 Rideout Lane, Middleburg, FL 32068 (US).

(74) **LEE, Michael, Q.** et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., 1100 New York Avenue, N.W., Suite 600, Washington, DC 20005-3934 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H03H 7/01**

(11) **WO 01/71907** (13) A1

(21) PCT/US01/08721

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/533,268 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FILTER ASSEMBLY
• ENSEMBLE FILTRE

(71) **JOHN MEZZALINGUA ASSOCIATES, INC.** [US/US]; 6176 East Molloy Road, East Syracuse, NY 13057-0278 (US).

(72) **PALINKAS, Raymond, W.**; 129 Cayuga Avenue, Canastota, NY 13032 (US).

(74) **KOFFS, Steven**; Duane, Morris & Heckscher LLP, One Liberty Place, Philadelphia, PA 19103 (US).

(81) BR CA CN ES GB IN.

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(51)[7] **H03H 7/01**

(11) **WO 01/71908** (13) A1

(21) PCT/US01/09185

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,196 **22 Mar/mar 2000** US **(22.03.2000)**

(30) 60/200,327 **28 Apr/avr 2000** US **(28.04.2000)**

(30) 60/215,314 **30 Jun/juin 2000** US **(30.06.2000)**

(30) 60/225,497 **15 Aug/août 2000** US **(15.08.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ISOLATING ENERGY CONDITIONING SHIELD ASSEMBLY
• ENSEMBLE DE PROTECTION CONDITIONNEUR D'ENERGIE A ISOLATION

(71) **XY2 ATTENUATORS, L.L.C.** [US/US]; 1812 Navy Street, Santa Monica, CA 90405 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANTHONY, Anthony, A.** [US/US]; 5064 Wolf Run Drive, Erie, PA 16505 (US). **ANTHONY, William, M.** [US/US]; 2725 Asbury Road, Erie, PA 16506 (US).

(74) **CLARK, Robert, J.** et al. / etc.; Oldham & Oldham Co., L.P.A., Twin Oaks Estate, 1225 West Market Street, Akron, OH 44313-7188 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H03H 9/25, 9/145**

(11) **WO 01/71909** (13) A1

(21) PCT/JP01/02184

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ja (26) ja

(30) 2000-85055 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SURFACE ACOUSTIC WAVE DEVICE
• DISPOSITIF A ONDE ACOUSTIQUE DE SURFACE

(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) **ITAKURA, Katsuhiro** [JP/JP]; c/o Itami Works of Sumitomo Electric Industries, Ltd., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-0016 (JP). **HACHIGO, Akihiro** [JP/JP]; c/o Itami Works of Sumitomo Electric Industries, Ltd., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-0016 (JP). **NAKAHATA, Hideaki** [JP/JP]; c/o Itami Works of Sumitomo Electric Industries, Ltd., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-0016 (JP). **FUJII, Satoshi** [JP/JP]; c/o Itami Works of Sumitomo Electric Industries, Ltd., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-0016 (JP). **SHIKATA, Shinichi** [JP/JP]; c/o Itami Works of Sumitomo Electric Industries, Ltd., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-0016 (JP).

(74) **JODAI, Tetsuji** et al. / etc.; c/o Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 554-0024 (JP).

(81) CA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H03H 9/25**

(11) **WO 01/71910** (13) A1

(21) PCT/JP01/02185

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ja (26) ja

(30) 2000-85088 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SURFACE ACOUSTIC WAVE ELEMENT
• ELEMENT A ONDE ACOUSTIQUE DE SURFACE

(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) **ITAKURA, Katsuhiro** [JP/JP]; c/o Itami Works of Sumitomo Electric Industries, Ltd., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-0016 (JP). **HACHIGO, Akihiro** [JP/JP]; c/o Itami Works of Sumitomo Electric Industries, Ltd., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-0016 (JP). **NAKAHATA, Hideaki** [JP/JP]; c/o Itami Works of Sumitomo Electric Industries, Ltd., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-0016 (JP). **FUJII, Satoshi** [JP/JP]; c/o Itami Works of Sumitomo Electric Industries, Ltd., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-0016 (JP). **SHIKATA, Shinichi** [JP/JP]; c/o Itami Works of Sumitomo Electric Industries, Ltd., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-0016 (JP).

(74) **JODAI, Tetsuji** et al. / etc.; c/o Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 554-0024 (JP).

(81) CA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H03H 9/64**

(11) **WO 01/71911** (13) A1

(21) PCT/DE01/00653

(22) **20 Feb/fév 2001 (20.02.2001)**

(25) de (26) de

(30) 100 13 861.6 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DUAL-MODE SURFACE WAVE FILTER WITH IMPROVED SYMMETRY AND INCREASED REVERSE ATTENUATION
• FILTRE A ONDES DE SURFACE BIMODE A SYMETRIE ET ATTENUATION INVERSE AMELIOREES

(71) **EPCOS AG** [DE/DE]; St.-Martin-Str. 53, 81541 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAGN, Peter** [DE/DE]; Hasenweg 21, 85464 Neufinsing (DE). **SELMEIER, Peter** [DE/DE]; Buchenstrasse 2, 83558 Maitenbeth (DE).

(74) **EPPING HERMANN & FISCHER GBR**; Postfach 12 10 26, 80034 München (DE).

(81) CA CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **H03J 1/00**

(11) **WO 01/71912** (13) A1

(21) PCT/DE01/00862

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) de (26) de

(30) 100 14 521.3 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR LOCATING AND SETTING A CHANNEL IN A COMMUNICATIONS TERMINAL
• PROCEDE PERMETTANT DE RECHERCHER ET DE REGLER UN CANAL DANS UN TERMINAL DE COMMUNICATION

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacher Platz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VOLLAND, Rainer** [DE/DE]; Holzstrasse 49, 80469 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) CN US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **H03K 5/1252**

(11) **WO 01/71913** (13) A1

(21) PCT/DE01/01086

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) de (26) de

(30) 00106223.1 **22 Mar/mar 2000** EP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DIGITAL LOW PASS FILTER FOR DIGITAL SIGNALS AND METHOD FOR PROCESSING A DIGITAL SIGNAL
• FILTRE PASSE-BAS NUMERIQUE POUR SIGNAUX NUMERIQUES ET PROCEDE DE TRAITEMENT D'UN SIGNAL NUMERIQUE

(71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Str. 53, 81669 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GUO, Shuwei** [CN/DE]; Bert-Brecht-Allee 9, 81737 München (DE). **NOLLES, Jürgen** [DE/DE]; Zehntfeldstr. 252, 81825 München (DE). **KNIFFLER, Oliver** [DE/DE]; Weddigenstr. 1, 81737 München (DE).

(74) **EPPING HERMANN & FISCHER**; Postfach 12 10 26, 80034 München (DE).

(81) BR CA CN IL IN JP KR MX RU UA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **H03K 7/08, H03M 1/82, G02F 1/01**

(11) **WO 01/71914** (13) A1

(21) PCT/GB01/01309

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 0006938.5 **23 Mar/mar 2000** GB **(23.03.2000)**

(30) 0027390.4 **9 Nov/nov 2000** GB **(09.11.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR GENERATING A PULSE WIDTH MODULATED SIGNAL AND OPTICAL ATTENUATOR CONTROLLED BY A PULSE WIDTH MODULATED SIGNAL
• PROCEDE ET APPAREIL POUR GENERER UN SIGNAL A LARGEUR D'IMPULSION MODULEE ET ATTENUATEUR OPTIQUE COMMANDE PAR UN SIGNAL A LARGEUR D'IMPULSION MODULEE

(71) **MARCONI COMMUNICATIONS LIMITED** [GB/GB]; P.O. Box 53, New Century Park, Coventry CV3 1HJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BROWN, Roger, Warwick** [GB/GB]; 59 Chetwynd Road, Toton, Nottingham NG9 6FW (GB). **DENNIS, Earl, Anthony** [GB/GB]; 16 Shepton Crescent, Aspley Estate, Nottingham NG8 5QP (GB). **VASS, Darren, William** [GB/GB]; 26 Frederick Street, Long Eaton, Nottingham NG10 2DR (GB). **BUTLER, Graham** [GB/GB]; 53 Farm Road, Chilwell, Nottingham NG9 5DA (GB). **LEACH, Michael, John** [GB/GB]; Manor House, The Lane, Awsworth, Nottingham NG16 2QS (GB).

(74) **COLLIER, Ian, Terry**; Marconi Intellectual Property, Waterhouse Lane, Chelmsford, Essex CM1 2QX (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H03K 19/00**

(11) **WO 01/71915** (13) A2

(21) PCT/US01/06759

(22) **2 Mar/mar 2001 (02.03.2001)**

(25) en (26) en

(30) 09/528,857 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LOAD CAPACITANCE COMPENSATED BUFFER, APPARATUS AND METHOD THEREOF
• TAMPON COMPENSE A CAPACITE DE CHARGE, APPAREIL ET PROCEDE CORRESPONDANTS

(71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, , IL 60196 (US).

(72) **HALL, Geoffrey, B.**; 9109 San Diego Road, Austin, TX 78737 (US). **OVALLE, Pedro**; 4200 Columbine Drive, Austin, TX 78727 (US). **TRAN, Dzung, T.**; 1201 Town Creek Drive, #229, Austin, TX 78741 (US).

(74) **GODDARD, Patricia, S.**; Motorola Corporate Law Department, 7700 West Parmer Lane, TX32/PL02, Austin, TX 78729 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H03K 19/007**

(11) **WO 01/71916** (13) A1

(21) PCT/SE01/00588

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) sv (26) en

(30) 0000971-2 **20 Mar/mar 2000** SE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SECURITY SYSTEM
• SYSTEME DE SECURITE

(71) **JOKAB SAFETY AB** [SE/SE]; Smörhålevägen 3, S-434 42 Kungsbacka (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LINGER, Mats** [SE/SE]; Karsegården, S-439 00 Onsala (SE).

(74) **GÖTEBORGS PATENTBYRÄ DAHLS AB**; Sjöporten 4, S-417 64 Göteborg (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H03L**

(11) **WO 01/71917** (13) A2

(21) PCT/EP01/03226

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) de (26) de

(30) 100 14 018.1 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND ARRANGEMENT FOR THE INITIALISATION OF A PHASE- OR FREQUENCY-LOCKED LOOP
• PROCEDE ET DISPOSITIF POUR INITIALISER UNE BOUCLE D'ASSERVISSEMENT DE PHASE OU DE FREQUENCE

(71) **EADS DEUTSCHLAND GMBH** [DE/DE]; 81663 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GLUTH, Rolf** [DE/DE]; Lise-Meitner-Str. 17, 89134 Blaustein (DE). **MAYER, Winfried** [DE/DE]; Flurweg 2, 89290 Buch (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H03L 7/00**

(11) **WO 01/71918** (13) A1

(21) PCT/IB01/00414

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 00105828.8 **20 Mar/mar 2000** EP **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AN ADJUSTABLE SPREAD SPECTRUM CLOCK GENERATOR AND A METHOD THEREOF
• GENERATEUR D'HORLOGE A SPECTRE ETALE REGLABLE ET PROCEDE ASSOCIE

(71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **REFAELI, Moshe** [IL/IL]; Hachomesh Street 17, 45287 Hod-Hasharon (IL). **AFEK, Yachin** [IL/IL]; Geula 32, Apt. 22, 44257 Cfar Sabe (IL). **FRIED, Norbert** [IL/IL]; Derech Namir 116/10, 62507 Tel Aviv (IL). **SMOLYANSKY, Leonid** [IL/IL]; Irus 10, 30600 Or-Akiva (IL).

(74) **MOTOROLA, INC.**; C/O Gibson, Sarah;, Motorola GmbH, Hagenauer Str. 47, 65203 Wiesbaden (DE).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H03L 7/00**

(11) **WO 01/71919** (13) A2

(21) PCT/US01/06947

(22) **2 Mar/mar 2001 (02.03.2001)**

(25) en (26) en

(30) 09/527,667 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BIAS MODULATED OSCILLATOR AND METHOD
• OSCILLATEUR MODULE DE POLARISATION ET PROCEDE

(71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **LOVELACE, David, K.**; 1531 West Park Court, Chandler, AZ 85224 (US). **DUREC, Jeffrey, C.**; 2420 West Hemlock Way, Chandler, AZ 85248 (US). **MCGINN, Mike**; 1319 East Sunburst Lane, Tempe, AZ 85284 (US).

(74) **INGRASSIA, Vincent, B.** et al. / etc.; Motorola Inc., P.O. BOX 10219, Scottsdale, AZ 85271-0219 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H03L 7/08, 7/14, H04J 3/06**

(11) **WO 01/71920** (13) A1

(21) PCT/SE01/00174

(22) **31 Jan/jan 2001 (31.01.2001)**

(25) en (26) en

(30) 0001029-8 **23 Mar/mar 2000** SE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PHASE-LOCKED LOOP BASED CLOCK PHASING IMPLEMENTING A VIRTUAL DELAY
• MISE EN PHASE PAR BOUCLE ASSERVIE EN PHASE METTANT EN OEUVRE UN RETARD VIRTUEL

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).

(72) **FREDRIKSSON, Jesper**; Vasagatan 5A, S-753 13 Uppsala (SE).

(74) **HEDBERG, Åke** et al. / etc.; Aros Patent AB, P.O. Box 1544, S-751 45 Uppsala (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H03L 7/10**

(11) **WO 01/71921** (13) A1

(21) PCT/JP01/02215

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-077934 **21 Mar/mar 2000** JP **(21.03.2000)**

(30) 2000-201851 **4 Jul/juil 2000** JP **(04.07.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PHASE-LOCKED LOOP
• BOUCLE A PHASE ASSERVIE

(71) **NIPPON TELEGRAPH AND TELEPHONE CORPORATION** [JP/JP]; 3-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8116 (JP). **NTT ELECTRONICS CORPORATION** [JP/JP]; 12-1, Dogenzaka 1-chome, Shibuya-ku, Tokyo 150-0043 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NOSAKA, Hideyuki** [JP/JP]; c/o NTT Intellectual Property Center, 9-11, Midori-cho 3-chome, Musashino-shi, Tokyo 180-8585 (JP). **FUKUYAMA, Hiroyuki** [JP/JP]; c/o NTT Intellectual Property Center, 9-11, Midori-cho 3-chome, Musashino-shi, Tokyo 180-8585 (JP). **KAMITSUNA, Hideki** [JP/JP]; c/o NTT Intellectual Property Center, 9-11, Midori-cho 3-chome, Musashino-shi, Tokyo 180-8585 (JP). **MURAGUCHI, Masahiro** [JP/JP]; 509, 21-1, Kamioookahigashi 1-chome, Kounan-ku, Yokohama-shi, Kanagawa 233-0001 (JP). **YONEYAMA, Mikio** [JP/JP]; 302, 861-1-5, Ishida, Isehara-shi, Kanagawa 259-1116 (JP). **SASAKI, Hiroaki** [JP/JP]; M502, 27-4, Ooya, Ebina-shi, Kanagawa 243-0411 (JP).

(74) **KAWAKUBO, Shinichi**; 6th Floor Ookubo Bldg., 4-12, Yotsuya 2-chome, Sinjuku-ku, Tokyo 160-0004 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H03M 3/04**

(11) **WO 01/71922** (13) A2

(21) PCT/US01/08936

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/532,626 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • EXCESS DELAY COMPENSATION IN A DELTA SIGMA MODULATOR ANALOG-TO-DIGITAL CONVERTER
• CORRECTION DE L'EXCES DE RETARD DANS UN NUMERISEUR A MODULATEUR DELTA SIGMA

(71) **RAYTHEON COMPANY** [US/US]; 2000 East El Segundo Boulevard, P.O. Box 902, El Segundo, CA 90245 (US).

(72) **CHENG, William, W.**; 1229 Stanford Avenue, Redondo Beach, CA 90278 (US).

(74) **ALKOV, Leonard, A.**; Raytheon Company, 2000 East El Segundo Boulevard, P.O. Box 902, El Segundo, CA 90245 (US) et al. / etc.

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H03M 7/40**

(11) **WO 01/71923** (13) A1

(21) PCT/KR01/00359

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) en (26) en

(30) 00201052.8 **22 Mar/mar 2000** EP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR CODING INFORMATION, METHOD AND APPARATUS FOR DECODING CODED INFORMATION, METHOD OF FABRICATING A RECORDING MEDIUM, THE RECORDING MEDIUM AND MODULATED SIGNAL
• PROCEDE ET APPAREIL POUR CODER DES INFORMATIONS, PROCEDE ET APPAREIL POUR DECODER DES INFORMATIONS CODEES, PROCEDE DE FABRICATION D'UN SUPPORT D'ENREGISTREMENT, SUPPORT D'ENREGISTREMENT ET SIGNAL MODULE

(71) **LG ELECTRONICS INC.** [KR/KR]; 20, Yoido-Dong, Yongdungpo-Ku, Seoul 150-010 (KR).

(72) **KEES, A., Schouhamer, Immink**; 15W. Alexander Iaan, NL-5664 Geldrop (NL).

(74) **PARK, Jang-Won**; Jewoo Building 5th floor, 200, Nonhyun-Dong, Kangnam-Ku, Seoul 135-010 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK

LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H03M 13/00**

(11) **WO 01/71924** (13) A2

(21) PCT/EP01/03183

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 0006691.0 **20 Mar/mar 2000** GB **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HIGH-SPEED "MAXIMUM A POSTERIORI" (MAP) ARCHITECTURE WITH OPTIMIZED MEMORY SIZE AND POWER CONSUMPTION

• ARCHITECTURE ≤ MAXIMALE A POSTERIORI ≥ (MAP) A GRANDE VITESSE AVEC TAILLE DE MEMOIRE ET CONSOMMATION D'ENERGIE OPTIMISEES

(71) **MOTOROLA INC.** [US/US]; 1303 Algonquin Road, Schaumburg, IL 60196 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WORM, Alexander** [DE/DE]; Koenigsberger Strasse 1, 67659 Kaiserslautern (DE). **LAMM, Holger** [DE/DE]; Davenportplatz 1, 67663 Kaiserslautern (DE). **WHEN, Norbert** [DE/DE]; Auf der Heide 23a, 66851 Queidersbach (DE).

(74) **GIBSON, Sarah** et al. / etc.; Motorola European Intellectual Property Operations, Midpoint, Alencon Link, Basingstoke, Hampshire RG21 7PL (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04B**

(11) **WO 01/71925** (13) A2

(21) PCT/US01/06722

(22) **2 Mar/mar 2001 (02.03.2001)**

(25) en (26) en

(30) 09/532,876 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • UNIVERSAL COMMUNICATIONS SYSTEM

• SYSTEME UNIVERSEL DE COMMUNICATIONS

(71) **DORA-INTERNATIONAL** [US/US]; P.O. Box 116, Greenbelt, MD 20768 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BRITTON, Teodora** [US/US]; 7505 Elbrook Court, Lanham, MD 20706 (US). **BRITTON, Mark** [US/US]; 7505 Elbrook Court, Lanham, MD 20706 (US).

(74) **ALBERT, Jennifer, A.** et al. / etc.; Hunton & Williams, 1900 K Street, N.W., Washington, DC 20006 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04B**

(11) **WO 01/71926** (13) A2

(21) PCT/US01/08516

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/528,235 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • FORWARD-LINK SCHEDULING IN A WIRELESS COMMUNICATION SYSTEM

• PROGRAMMATION DE LIAISON AVAL DANS UN SYSTEME DE COMMUNICATION SANS FIL

(71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).

(72) **HOLTZMAN, Jack**; 12970 Caminito Batizo, San Diego, CA 92130 (US). **BAO, Gang**; 13255 Larkfield Court, San Diego, CA 92130 (US).

(74) **OGROD, Gregory, D.** et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04B**

(11) **WO 01/71927** (13) A2

(21) PCT/US01/09157

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/190,803 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMBINED ADAPTIVE SPATIO-TEMPORAL PROCESSING AND MULTI-USER DETECTION FOR CDMA WIRELESS SYSTEMS

• TRAITEMENT SPATIO-TEMPOREL ADAPTATIF ASSOCIE A UNE DETECTION MULTIUTILISATEUR DANS DES SYSTEMES AMCR SANS FIL

(71) **TELCORDIA TECHNOLOGIES, INC.** [US/US]; 445 South Street, Morristown, NJ 07960-6438 (US).

(72) **LIBERTI, Joseph**; 11 Spruce Hollow Drive, Howell, NJ 07731 (US). **MOSHAVI, Shimon**; Apartment G-4F, 550 Grand Street, New York, NY 10002 (US). **ZABLOCKY, Paul, G.**; 4 Buttonwood Drive, Shrewsbury, NJ 07702 (US).

(74) **HEY, David** et al. / etc.; c/o International Coordinator, Telcordia Technologies, Inc., Room 1G112R, 445 South Street, Morristown, NJ 07960-6438 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Declaration / Déclaration :
(s) for all designations / pour toutes les désignations

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(51)[7] **H04B**

(11) **WO 01/71928** (13) A2

(21) PCT/US01/09179

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/532,492 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HIGH EFFICIENCY, HIGH PERFORMANCE COMMUNICATIONS SYSTEM EMPLOYING MULTI-CARRIER MODULATION

• SYSTEME DE COMMUNICATIONS A HAUTES PERFORMANCES METTANT EN OEUVRE UNE MODULATION A ONDES PORTEUSES MULTIPLES

(71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).

(72) **WALTON, Jay, R.**; 7 Ledgewood Drive, Westford, MA 01886 (US). **WALLACE, Mark**; 4 Madel Lane, Bedford, MA 01730 (US). **JALALI, Ahmad**; 5624 Willowmere Lane, San Diego, CA 92130 (US).

(74) **WADSWORTH, Philip, R.** et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW

MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04B 1/00**

(11) **WO 01/71929** (13) A2

(21) PCT/EP01/02997

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/532,819 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SWITCHED SIDEBAND FREQUENCY LOW-IF TRANSMITTER
• EMETTEUR A FAIBLE FREQUENCE INTERMEDIAIRE TRANSPOSEE EN FREQUENCE DE BANDE LATERALE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **MOHINDRA, Rishi**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **CHARPAIL, François**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04B 1/00**

(11) **WO 01/71930** (13) A2

(21) PCT/US01/07523

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) en (26) en

(30) 09/532,357 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHODS, SYSTEMS AND APPARATUS FOR PRECOMPENSATING FOR INTERFERENCE AMONG TRANSMITTED CODED SIGNALS
• METHODES, SYSTEMES ET DISPOSITIFS PERMETTANT DE PRE-COMPENSER DES INTERFERENCES ENTRE DES SIGNAUX CODES TRANSMIS

(71) **ERICSSON INC** [US/US]; 7001 Development Drive, Research Triangle Park, NC 27709 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SOUROUR, Essam** [EG/US]; 6185 Paseo Del Norte #200, Carlsbad, CA 92009 (US).

(74) **MYERS BIGEL SIBLEY SAJOVEC, P.A.**; P.O. Box 37428, Raleigh, NC 27627 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04B 1/00**

(11) **WO 01/71931** (13) A2

(21) PCT/US01/08478

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/527,798 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DIGITAL TUNER WITH OPTIMIZED CLOCK FREQUENCY AND INTEGRATED PARALLEL CIC FILTER AND LOCAL OSCILLATOR
• SYNTONISEUR NUMERIQUE A FREQUENCE D'HORLOGE OPTIMISEE, FILTRE CIC PARALLELE INTEGRE ET OSCILLATEUR LOCAL

(71) **RAYTHEON COMPANY** [US/US]; 140 Spring Street, Lexington, MA 02421 (US).

(72) **GENRICH, Thad, J.**; 18805 East Napa Drive, Aurora, CO 80013 (US).

(74) **MEIER, Harold, E.**; Baker Botts LLP, 2001 Ross Avenue, Suite 600, Dallas, TX 75201-2980 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04B 1/04, 10/12, 7/06, 7/26**

(11) **WO 01/71932** (13) A1

(21) PCT/JP01/02219

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-78409 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TRANSMISSION DEVICE
• DISPOSITIF DE TRANSMISSION

(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) **HIRAMATSU, Katsuhiko** [JP/JP]; 2-56-14-1212, Kinugasasakae-cho, Yokosuka-shi, Kanagawa 238-0031 (JP). **KATO, Osamu** [JP/JP]; 5-45-G302, Shonantakatori, Yokosuka-shi, Kanagawa 237-0066 (JP).

(74) **WASHIDA, Kimihito**; 5th Floor, Shintoshicenter Bldg., 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 206-0034 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(a)*

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(51)[7] **H04B 1/38**

(11) **WO 01/71933** (13) A1

(21) PCT/KR00/00377

(22) **20 Apr/avr 2000 (20.04.2000)**

(25) ko (26) en

(30) 2000/13909 **18 Mar/mar 2000** KR **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A MOBILE TELECOMMUNICATION DEVICE WITH A GAME MACHINE INSTALLED THEREIN
• DISPOSITIF DE TELECOMMUNICATION MOBILE COMPRENANT UNE CONSOLE DE JEUX

(71) **CYBERBANK CO.** [KR/KR]; KEC Building A 13 Floor, 275-7, Yangjae-dong, Seocho-gu, Seoul 137-130 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHO, Young, Sun** [KR/KR]; Sunkyung Apt. 11-1201, 508, Daechi-dong, Kangnam-ku, Seoul 135-280 (KR). **AHN, Sun, Ug** [KR/KR]; Dongbo Apt. 103-1501, Pungdukchun-lee, Susie-eup, Yongin-shi, Kyunggi-do 449-840 (KR).

(74) **CHOI, Duk, Kyu**; Chunwoo Building 5th floor, 736 Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04B 1/40, 1/04, H03L 7/185**

(11) **WO 01/71934** (13) A1

(21) PCT/EP01/02906

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 00/03605 **21 Mar/mar 2000** FR **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMMUNICATION SYSTEM WITH FREQUENCY MODULATION AND WITH A SINGLE LOCAL OSCILLATOR
• SYSTEME DE COMMUNICATION A MODULATION DE FREQUENCE ET A OSCILLATEUR LOCAL UNIQUE

(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) **BRUNEL, Dominique** [FR/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **CHARPAIL, François**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN IN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **H04B 1/44**

(11) **WO 01/71935** (13) A1

(21) PCT/US01/08227

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 60/190,210 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • RECONFIGURABLE DIPLEXER FOR COMMUNICATIONS APPLICATIONS
• DIPLEXEUR RECONFIGURABLE EMPLOYE DANS DES APPLICATIONS DE COMMUNICATIONS

(71) **BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION, INC.** [US/US]; 65 Spit Brook Road, P.O. Box 868, Nashua, NH 03061-0868 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GILBERT, Roland, A.** [—/US]; 81 Chappell Drive, Milford, NH 03055 (US).

(74) **LEVY, Mark** et al. / etc.; Suite 902, 19 Chenango Street, Binghamton, NY 13901 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04B 1/69**

(11) **WO 01/71936** (13) A1

(21) PCT/KR01/00444

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 2000-14355 **21 Mar/mar 2000** KR **(21.03.2000)**

(30) 2000-38399 **5 Jul/juil 2000** KR **(05.07.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ENCODING APPARATUS AND METHOD IN CDMA COMMUNICATION SYSTEM
• EQUIPEMENT DE CODAGE DANS UN SYSTEME DE COMMUNICATION AMRC ET PROCEDE CORRESPONDANT

(71) **SAMSUNG ELECTRONICS CO., LTD.** [KR/KR]; 416, Maetan-dong, Paldal-gu, Suwon-shi, Kyungki-do 442-370 (KR).

(72) **KIM, Jae-Yoel**; Baekdu APT. #960-1401, Sanbon 9-danji, Sanbon 2-donG, Kunpo-shi, Kyonggi-do 435-042 (KR). **LEE, Hyun-Woo**; Byeoksan APT. #806-901, Kweonseon-dong, Kweonseon-gu, Suwon-shi, Kyonggi-do 41-390 (KR). **YOON, Soon-Young**; 165, Karak-dong, Songpa-gu, Seoul 463-070 (KR). **KANG, Hee-Won**; 1499, Myeonmok 7-dong, Jungrang-gu, Seoul 131-207 (KR). **CHOI, Ho-Kyu**; 56-2, Jamwon-dong, Seocho-gu, Seoul 137-030 (KR).

(74) **LEE, Keon-Joo**; Mihwa Building 110-2, Myongryun-dong 4-ga, Chongro-gu, Seoul 110-524 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04B 1/69**

(11) **WO 01/71937** (13) A2

(21) PCT/US01/08370

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/527,194 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CHIRP SLOPE MULTIPLE ACCESS
• ACCES MULTIPLE A DES SIGNAUX CHIRP PRESENTANT DIFFERENTES PENTES

(71) **HARRIS CORPORATION** [US/US]; 1025 West Nasa Blvd, Melbourne, FL 32919 (US).

(72) **WASCHKA, Alton**; 432 Riverview Lane, Melbourne, FL 32951 (US). **BOYD, Robert**; P.O. Box 732, Rogersville, TN 37857 (US).

(74) **NIYOGI, Bidyut**; Suite 207, 95 Bulldog Boulevard, Melbourne, FL 32901 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04B 1/707, H04J 13/00**

(11) **WO 01/71938** (13) A1

(21) PCT/US00/33868

(22) **14 Dec/déc 2000 (14.12.2000)**

(25) en (26) en

(30) 60/191,884 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • EFFICIENT SPREADER FOR SPREAD SPECTRUM COMMUNICATION SYSTEMS
• DISPOSITIF D'ETALEMENT EFFICACE POUR SYSTEMES DE COMMUNICATION A SPECTRE ETALE

(71) **INTERDIGITAL TECHNOLOGY CORPORATION** [US/US]; Suite 527, 300 Delaware Avenue, Wilmington, DE 19801 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MISRA, Raj, Mani** [IN/US]; 358 7th Avenue #157, Brooklyn, NY 11215 (US). **TEAL, Gregory, S.** [US/US]; Apartment D-1, 700 Cherry Tree Road, Aston, PA 19014 (US).

(74) **VOLPE, Anthony, S.** et al. / etc.; Volpe and Koenig, P.C., Suite 400, One Penn Center, 1617 John F. Kennedy Boulevard, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04B 3/00, G06F 17/30, 12/00, 15/16, 15/173**

(11) **WO 01/71939** (13) A1

(21) PCT/IB01/00440

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/190,937 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMMUNITY CO-PRESENCE SYSTEM AND METHOD HAVING VIRTUAL GROUPS
• SYSTEME DE CO-PRESENCE DE COMMUNAUTES ET PROCEDE A GROUPES VIRTUELS

(71, 72) **SHAPIRO, Ehud** [IL/IL]; House #33, 90804 Nataf (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04B 7/00**

(11) **WO 01/71940** (13) A2

(21) PCT/JP01/02109

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 2000-80466 **22 Mar/mar 2000** JP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MOBILE RADIO COMMUNICATIONS APPARATUS AND BASE STATION THEREOF, AND METHOD OF ANTENNA SELECTION

• APPAREIL DE RADIOCOMMUNICATIONS MOBILES ET SA STATION DE BASE ET PROCEDE DE SELECTION D'ANTENNE

(71) **TELEFONAKTIEBOLAGET L M ERICSSON** [SE/SE]; SE-126 25 STOCKHOLM (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ONISHI, Teruo** [JP/JP]; 51-1-D-104, Nokendai 3-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0057 (JP). **URABE, Kenzo** [JP/JP]; 3113-15, Shinohara-cho, Kohoku-ku, Yokohama-shi, Kanagawa 222-0026 (JP).

(74) **OHTSUKA, Yasunori**; 7th FL., SHUWA KIOICHO PARK BLDG., 3-6, KIOICHO, CHIYODA-KU, Tokyo 102-0094 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04B 7/00**

(11) **WO 01/71941** (13) A2

(21) PCT/SE01/00578

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/531,650 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DETERMINING A REFERENCE POWER LEVEL FOR DIVERSITY HANDOVER BASE STATIONS

• DETERMINATION DE NIVEAU DE PUISSANCE DE REFERENCE POUR STATIONS DE BASE A TRANSFERT EN DIVERSITE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).

(72) **CORBETT, Eddie**; c/o Tulin, Norr Mälarstrand 76, 7tr, S-112 35 Stockholm (SE). **ANDERSSON, Andreas**; Kronborgsgränd 4, S-164 46 Kista (SE).

(74) **MAGNUSSON, Monica**; Ericsson Radio Systems AB, Patent Unit Radio Access, S-164 80 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04B 7/00**

(11) **WO 01/71942** (13) A2

(21) PCT/US01/08039

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 09/528,458 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND SYSTEM FOR DETECTING SIGNALS

• PROCEDE ET SYSTEME DE DETECTION DE SIGNAUX

(71) **WIRELESS ONLINE, INC.** [US/US]; Suite 105, 4410 El Camino Real, Los Altos, CA 94022 (US).

(72) **KLUDT, Kenneth, A.**; 3633 Morrie Drive, San Jose, CA 95127 (US). **KATZ, Eyal**; Dakar Street 14, 52356 Ramat Gan (IL). **BICK, Eyal**; Avoka Street 31, 69086 Tel Aviv (IL). **WEISS, Anthony, J.**; Barazani Street 12, 69121 Tel Aviv (IL). **HAREL, Haim**; Golden Oak Drive 435, Portola Valley, CA 94022 (US).

(74) **SHOWALTER, Barton, E.**; Baker Botts L.L.P., 2001 Ross Avenue, Dallas, TX 75201 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[6] **H04B 7/005, 7/26**

(11) **WO 01/71943** (13) A1

(21) PCT/CN01/00335

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) zh (26) zh

(30) 00 1 15073.1 **23 Mar/mar 2000** CN **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A METHOD FOR PREVENTING FROM FORWARD POWER SATURATION AND A DEVICE FOR POWER CONTROL IN CDMA COMMUNICATION SYSTEM

• PROCEDE DE PROTECTION CONTRE LA SATURATION DE LA PUISSANCE EN DIRECT D'UN SYSTEME DE TELECOMMUNICATION AMCR ET DISPOSITIF DE COMMANDE DE LA PUISSANCE

(71) **HUAWEI TECHNOLOGIES CO., LTD.** [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan District, Shenzhen 518057 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **QIN, Yanmin** [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan District, Shenzhen 518057 (CN). **LI, Xiaoping** [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan District, Shenzhen 518057 (CN). **FU, Xu** [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan District, Shenzhen 518057 (CN).

(74) **SHANGHAI PATENT & TRADEMARK LAW OFFICE**; 435 Guiping Road, Shanghai 200233 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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] **H04B 7/10**

(11) **WO 01/71944** (13) A1

(21) PCT/JP01/02001

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) ja (26) ja

(30) 2000-078410 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ARRAY ANTENNA BASE STATION APPARATUS

- APPAREIL DE STATION DE BASE A ANTENNE-RESEAU

(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) **HIRAMATSU, Katsuhiko** [JP/JP]; 2-56-14-1212, Kinugasasakae-cho, Yokosuka-shi, Kanagawa 238-0031 (JP). **KATO, Osamu** [JP/JP]; 5-45-G302, Shonantakatori, Yokosuka-shi, Kanagawa 237-0066 (JP).

(74) **WASHIDA, Kimihito**; 5th Floor, Shintoshicenter Bldg., 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 206-0034 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04B 7/26, H04J 3/24**

(11) **WO 01/71945** (13) A1

(21) PCT/EP00/12749

(22) **14 Dec/déc 2000 (14.12.2000)**

(25) de (26) de

(30) 100 14 064.5 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR TRANSMITTING VOICE DATA PACKETS
• PROCEDE POUR LA TRANSMISSION DE PAQUETS DE DONNEES VOCALES

(71) **ROHDE & SCHWARZ GMBH & CO. KG** [DE/DE]; Mühldorfstrasse 15, 81671 München (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LIPP, Friedrich** [AT/AT]; Elsenwang 112, A-5322 Hof bei Salzburg (AT).

(74) **KÖRFER, Thomas**; Mitscherlich & Partner, Sonnenstrasse 33, 80331 München (DE).

(81) NO US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04B 7/26**

(11) **WO 01/71946** (13) A1

(21) PCT/GB01/01247

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0006851.0 **21 Mar/mar 2000** GB **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR ACCESSING A TDMA CHANNEL USING TWO INCOMPATIBLE PROTOCOLS
• PROCEDE ET DISPOSITIF D'ACCES A UN CANAL AMRT A L'AIDE DE DEUX PROTOCOLES INCOMPATIBLES

(71) **INMARSAT LTD** [GB/GB]; 99 City Road, London EC1Y 1AX (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FEBVRE, Paul** [GB/GB]; 229 Britannia Road, Ipswich, Suffolk IP4 5HF (GB).

(74) **CROSS, James, Peter, Archibald** et al. / etc.; R G C Jenkins & Co, 26 Caxton Street, London SW1H 0RJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04B 7/26, H04Q 7/04**

(11) **WO 01/71947** (13) A1

(21) PCT/JP01/02249

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-080605 **22 Mar/mar 2000** JP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ANTENNA DIRECTIVITY CONTROL METHOD AND RADIO APPARATUS
• PROCEDE DE COMMANDE DE LA DIRECTIVITE D'UNE ANTENNE ET DISPOSITIF RADIO

(71) **SANYO ELECTRIC CO., LTD.** [JP/JP]; 5-5, Keihanhondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DOI, Yoshiharu** [JP/JP]; c/o SANYO ELECTRIC CO., LTD., 5-5, Keihanhondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP).

(74) **FUKAMI, Hisao** et al. / etc.; Mitsui Sumitomo Bank Minamimorimachi Bldg., 1-29, Minamimorimachi 2-chome, Kita-ku, Osaka-shi, Osaka 530-0054 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04B 7/26**

(11) **WO 01/71948** (13) A1

(21) PCT/JP01/02313

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-084657 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • IMAGE COMMUNICATION METHOD AND IMAGE COMMUNICATION TERMINAL APPARATUS
• PROCEDE DE COMMUNICATION D'IMAGES ET DISPOSITIF TERMINAL DE COMMUNICATION D'IMAGES

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HAYASHI, Kazuhiko** [JP/JP]; 1-4-12-209, Nakazato, Minami-ku, Yokohama-shi, Kanagawa 232-0063 (JP). **KAYADA, Tadashi** [JP/JP]; 2-11-28-202, Kamariyahigashi, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0042 (JP). **TANIGUCHI, Shinichi** [JP/JP]; 2-19-43-205, Kamariyahigashi, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0042 (JP). **NOGUCHI, Hiroshi** [JP/JP]; 1103-1-305, Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0817 (JP).

(74) **WASHIDA, Kimihito**; 5th Floor, Shintoshicenter Bldg., 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 206-0034 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04B 7/26**

(11) **WO 01/71949** (13) A1

(21) PCT/KR00/00231

(22) **17 Mar/mar 2000 (17.03.2000)**

(25) ko (26) en

(30) 2000/11097 **6 Mar/mar 2000** KR **(06.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AN ADVERTISEMENT METHOD USING MOBILE COMMUNICATION
• TECHNIQUE PUBLICITAIRE PAR SYSTEME DE COMMUNICATION MOBILE

(71) **OVYTZ CO. LTD** [KR/KR]; 7F., Sinbong Building, 736-6, Yoksam-dong, Kangnam-Gu, Seoul 135-080 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAE, Joon-Hyun** [KR/KR]; 113-1503 KumHo Apartment House, Yangji-Maheul, Sune-Dong, Bundang-Gu, Seongnam 463-020 (KR).

(74) **KIM, Won-Jun**; 305, Soohyub Bldg., 917, Dunsan-dong, Seo-ku, Taejon 302-828 (KR).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04B 10/00**

(11) **WO 01/71950** (13) A2

(21) PCT/US01/40337

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/532,996 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • APPARATUS FOR DISTRIBUTING OPTICAL FIBER TRANSMISSION PATHS
• APPAREIL PERMETTANT DE REPARTIR DES CHEMINS DE TRANSMISSION A FIBRE OPTIQUE

(71) **MARCONI COMMUNICATIONS, INC.** [US/US]; 5900 Landerbrook Drive, Cleveland, OH 44124 (US).

(72) **BUABBUD, George, H.**; 1606 Pheasant Lane, South Lake, TX 76092 (US). **RADLOFF, Georgeanne, M.**; 2502 Bentley Drive, Grand Praire, TX 75052 (US).

(74) **COCHRAN, David, B.** et al. / etc.; Jones, Day, Reavis & Pogue, North Point, 901 Lakeside Avenue, Cleveland, OH 44114 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04B 10/00**

(11) **WO 01/71951** (13) A2

(21) PCT/US01/07414

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) en (26) en

(30) 09/527,041 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND SYSTEM FOR NON-SOLITON TRANSMISSION OF SHORT PULSE SIGNALS VIA AN OPTICAL FIBER
• PROCEDE ET SYSTEME DESTINES A LA TRANSMISSION NON SOLITON DE SIGNAUX A IMPULSIONS COURTES VIA UNE FIBRE OPTIQUE

(71) **OPTIMIGHT COMMUNICATIONS, INC.** [US/US]; 2712 Orchard Parkway, San Jose, CA 95134 (US).

(72) **FISHMAN, Ilya, M.**; 558 Cambridge Avenue, Palo Alto, CA 94306 (US). **BAI, Yu, Sheng**; 20 Greenwood Lane, Redwood City, CA 94063 (US).

(74) **FISHMAN, Bella**; Fishman Consulting, 558 Cambridge Avenue, Palo Alto, CA 94306 (US).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04B 10/10**

(11) **WO 01/71952** (13) A1

(21) PCT/NZ01/00043

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 503450 **20 Mar/mar 2000** NZ **(20.03.2000)**

(30) 504008 **14 Apr/avr 2000** NZ **(14.04.2000)**

(30) 506393 **18 Aug/août 2000** NZ **(18.08.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • WIRELESS COMMUNICATION SYSTEMS
• SYSTEMES DE COMMUNICATION SANS FIL

(71, 72) **WITEHIRA, Pita** [NZ/NZ]; c/o Power Beat International Limited, Airport Road, RD 2, Mystery Creek, Hamilton (NZ). **BYDDER, Evan, Lloyd** [NZ/NZ]; c/o Power Beat International Limited, Airport Road, RD 2, Mystery Creek, Hamilton (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04B 11/00, G01N 29/00**

(11) **WO 01/71953** (13) A1

(21) PCT/FR01/00867

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) fr (26) fr

(30) 00/03721 **23 Mar/mar 2000** FR **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INSTALLATION WITH PIEZOELECTRIC ELEMENT FOR EQUIPPING A STRUCTURE AND PIEZOELECTRIC ELEMENT FOR SAME
• INSTALLATION A ELEMENT PIEZOELECTRIQUE POUR L'EQUIPEMENT D'UNE STRUCTURE ET ELEMENT PIEZOELECTRIQUE POUR UNE TELLE INSTALLATION

(71) **ONERA (OFFICE NATIONAL D'ETUDES ET DE RECHERCHES AEROSPATIALES)** [FR/FR]; 29, avenue de la Division Leclerc, F-92320 Chatillon (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DUPONT, Marc** [FR/FR]; 21, avenue Gambetta, F-91440 Bures sur Yvette (FR). **PERNICE, Marc** [FR/FR]; 9, rue des Frères Lumière, F-94260 Fresnes (FR). **ROY, Elisabeth** [FR/FR]; 5, rue Gabriel Péri, F-91300 Massy (FR).

(74) **PICARD, Jean-Claude** et al. / etc.; Cabinet Plasseraud, 84, rue d'Amsterdam, F-75440 Paris Cedex 09 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04J 3/14**

(11) **WO 01/71954** (13) A1

(21) PCT/US00/07316

(22) **17 Mar/mar 2000 (17.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • NETWORK NAVIGATION METHODS, SYSTEMS, AND ARTICLES USING A PRINTED PUBLICATION
• PROCEDES, SYSTEMES ET ARTICLES SERVANT A NAVIGUER DANS LE RESEAU, AU MOYEN D'UNE PUBLICATION IMPRIMEE

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **REBER, William, L.**; 1029 Bucaneer Road, #6, Schaumburg, IL 60196 (US). **PERTTUNEN, Cary, D.**; 11764 Raintree Court, Shelby Township, MI 48315 (US). **TOLER, Jeffrey, G.**; 1001 Magnolia Drive, Algonquin, IL 60102 (US).

(74) **GAUGER, James, E.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL

IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04J 11/00**

(11) **WO 01/71955** (13) A1

(21) PCT/JP01/01953

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) ja (26) ja

(30) 2000-077916 **21 Mar/mar 2000 (21.03.2000)** JP

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMMUNICATION APPARATUS AND COMMUNICATION METHOD
• APPAREIL ET PROCEDE DE COMMUNICATION

(71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MATSUMOTO, Wataru** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) **SAKAI, Hiroaki**; Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CA CN IL KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04J 13/00**

(11) **WO 01/71956** (13) A1

(21) PCT/US01/07856

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 09/526,643 **16 Mar/mar 2000 (16.03.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR LONG CODE GENERATION IN SYNCHRONOUS, MULTI-CHIP RATE SYSTEMS
• PROCEDE ET APPAREIL DE GENERATION DE CODES LONGS DANS DES SYSTEMES SYNCHRONES A DEBIT MULTICIRCUIT

(71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **LAIRD, Kevin, Michael**; 1136 Oak Bend Lane, Keller, TX 76248 (US). **CHEN, Jiangnan**; 602 79th Street, Darien, IL 60561 (US). **ZHOU, Frank, Fei**; 5441 N. East River Road #1503, Chicago, IL 60656 (US).

(74) **BETHARDS, Charles, W.** et al. / etc.; Motorola, Inc., Intellectual Property Dept., IL01/3rd Floor, 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04J 13/04, H04B 1/707**

(11) **WO 01/71957** (13) A1

(21) PCT/JP01/02145

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ja (26) ja

(30) 2000-84809 **24 Mar/mar 2000 (24.03.2000)** JP

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • RECEIVING APPARATUS AND GAIN CONTROL METHOD
• APPAREIL DE RECEPTION ET PROCEDE DE COMMANDE DE GAIN

(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) **TAKAHASHI, Hideyuki** [JP/JP]; 1-30-16-202, Nobi, Yokosuka-shi, Kanagawa 239-0841 (JP).

(74) **WASHIDA, Kimihito**; 5th Floor, Shintoshicenter Bldg., 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 206-0034 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04J 14/02, H04B 10/135, H04L 12/56**

(11) **WO 01/71958** (13) A1

(21) PCT/FI01/00273

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 20000670 **22 Mar/mar 2000 (22.03.2000)** FI

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A METHOD OF SENDING PACKET-FORMED INFORMATION OPTICALLY USING DIFFERENT WAVELENGTHS FOR ADDRESS AND USEFUL INFORMATION
• PROCEDE DE TRANSFERT OPTIQUE D'INFORMATIONS PAR PAQUETS AU MOYEN DE LONGUEURS D'ONDE DIFFERENTES POUR INFORMATIONS D'ADRESSE ET INFORMATIONS UTILES

(71) **NOKIA NETWORKS OY** [FI/FI]; P.O. Box 300, FIN-00045 Nokia Group (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HELLMAN, Esko** [FI/FI]; Rautiasentie 17 A, FIN-02660 Espoo (FI).

(74) **PAPULA OY**; Fredrikinkatu 61 A, P.O. Box 981, FIN-00101 Helsinki (FI).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **H04J 14/02**

(11) **WO 01/71959** (13) A2

(21) PCT/US01/07399

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) en (26) en

(30) 09/527,040 **16 Mar/mar 2000 (16.03.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND SYSTEM OF TRANSMITTING OPTICAL SIGNALS GENERATED BY MULTI-LINE SOURCES VIA WDM OPTICAL NETWORK
• PROCEDE ET SYSTEME DE TRANSMISSION DE SIGNAUX OPTIQUES GENERES PAR DES SOURCES A RAIES MULTIPLES VIA UN RESEAU OPTIQUE WDM

(71) **OPTIMIGHT COMMUNICATIONS, INC.** [US/US]; 2712 Orchard Parkway, San Jose, CA 95134 (US).

(72) **FISHMAN, Ilya, M.**; 558 Cambridge Avenue, Palo Alto, CA 94306 (US). **BAI, Yu, Sheng**; 20 Greenwood Lane, Redwood City, CA 94063 (US). **SNEH, Anat, Z.**; 113 Estrada Drice, Mountain View, CA 94043 (US).

(74) **FISHMAN, Bella**; Fishman Consulting, 558 Cambridge Avenue, Palo Alto, CA 94306 (US).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04K 1/00**

(11) **WO 01/71960** (13) A1

(21) PCT/US01/08315

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,481 **18 Mar/mar 2000** US **(18.03.2000)**

(30) 09/563,664 **2 May/mai 2000** US **(02.05.2000)**

(30) 60/257,822 **21 Dec/déc 2000** US **(21.12.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TRANSMARKING, WATERMARK EMBEDDING FUNCTIONS AS RENDERING COMMANDS, AND FEATURE-BASED WATERMARKING OF MULTIMEDIA SIGNALS
• TRANSMARQUAGE, FONCTIONS D'INCORPORATION DE FILIGRANE COMME COMMANDES DE RESTITUTION, ET FILIGRANAGE A CARACTERISTIQUES DE SIGNAUX MULTIMEDIA

(71) **DIGIMARC CORPORATION** [US/US]; 19801 SW 72nd Avenue, Suite 250, Tualatin, OR 97062 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEVY, Kenneth, L.** [US/US]; 110 NE Cedar Street, Stevenson, WA 98648 (US). **DECKER, Stephen, K.** [US/US]; 2530 Orchard Hill Place, Lake Oswego, OR 97035 (US).

(74) **MEYER, Joel, R.**; Digimarc Corporation, 19801 SW 72nd Avenue, Suite 250, Tualatin, OR 97062 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04K 1/00, H04L 9/00, G06F 17/60, 15/16, 11/30**

(11) **WO 01/71961** (13) A1

(21) PCT/US01/09188

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,471 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 09/695,060 **25 Oct/oct 2000** US **(25.10.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR PROVIDING UNIFIED AUTHENTICATION SERVICES FOR ONLINE APPLICATIONS
• SYSTEME, PROCEDE ET PRODUIT DE PROGRAMME INFORMATIQUE POUR FOURNIR DES SERVICES D'AUTHENTIFICATION UNIFIES POUR APPLICATIONS EN LIGNE

(71) **BIONETRIX SYSTEMS CORPORATION** [US/US]; 1953 Gallows Road, Suite 500, Vienna, VA 22182 (US).

(72) **BAKSHI, Bikram, Singh**; 4648 Ripley Manor Terrace, Olney, MD 20832 (US). **HELMS, David, W.**; 7217 Stafford Road, Alexandria, VA 22307 (US). **ROCHON, Anthony, C.**; 21237 Rosetta Place, Ashburn, VA 20147 (US). **WALKER, Trevor, J.**; 9701 Breckenridge Place, Montgomery Village, MD 20886 (US).

(74) **SOKOHL, Robert** et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 1/00**

(11) **WO 01/71962** (13) A1

(21) PCT/EP01/03351

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 00400829.8 **24 Mar/mar 2000** EP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BITRATE OPTIMISATION IN A CELLULAR COMMUNICATIONS SYSTEM
• OPTIMISATION DES DEBITS BINAIRES DANS UN SYSTEME DE TELECOMMUNICATIONS CELLULAIRE

(71) **MOTOROLA INC.** [US/US]; 1303 E. Algonquin Road, IL01-3rd Floor, Schaumburg (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ABDESSELEM, Ouelid** [FR/FR]; 8, rue Mage, F-31000 Toulouse (FR). **FOUILLAND, Pascal** [FR/FR]; 3, rue de la Save, F-31170 Tournefeuille (FR).

(74) **LITCHFIELD, Laura** et al. / etc.; Motorola European Intellectual Property Operations, Midpoint, Alencon Link, Basingstoke, Hampshire RG21 7PL (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04L 1/00**

(11) **WO 01/71963** (13) A2

(21) PCT/US01/09028

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/528,947 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CODING AND SPREADING TECHNIQUE FOR COMMUNICATIONS SYSTEMS
• TECHNIQUE DE CODAGE ET DE DIFFUSION POUR SYSTEMES DE COMMUNICATION

(71) **TEXAS INSTRUMENTS SANTA ROSA INCORPORATED** [US/US]; Suite 130, 141 Stony Circle, Santa Rosa, CA 95401 (US).

(72) **HEEGARD, Chris**; 3485 Happy Valley Ct., Santa Rosa, CA 95404 (US). **SHOEMAKE, Matthew, B.**; 701 Laredo Circle, Allen, TX 75013 (US). **ROSSIN, Eric, J.**; 7420 Woodland Avenue, Sebastopol, CA 95472 (US).

(74) **LIPSITZ, Barry, R.**; Law Offices of Barry R. Lipsitz, Building No. 8, 755 Main Street, Monroe, CT 06468 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Declaration / Déclaration :
(t) for all designations / pour toutes les désignations

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(51)[7] **H04L 1/18, 1/00**

(11) **WO 01/71964** (13) A1

(21) PCT/EP01/02774

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 00105836.1 **20 Mar/mar 2000** EP **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ARQ PARAMETER NEGOTIATION IN A DATA PACKET TRANSMISSION SYSTEM USING LINK ADAPTATION
• NEGOCIATION DE PARAMETRE DE DEMANDE AUTOMATIQUE DE REPETITION DANS UN SYSTEME DE TRANSMISSION DE PAQUETS DE DONNEES A PAR ADAPTATION DE LIAISON

(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) **LI, Hui** [CN/DE]; Berliner Platz 12, 90489 Nürnberg (DE).

(74) **SCHMALZ, Günther**; Ericsson Eurolab Deutschland GmbH, Nordostpark 12, 90411 Nürnberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM

DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 5/12, 23/02**

(11) **WO 01/71965** (13) A1

(21) PCT/US01/08512

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/528,111 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SIGNAL COMMUNICATIONS SYSTEM AND METHOD FOR NOISY LINKS
• SYSTEME ET PROCEDE DE TRANSMISSION DESTINES A DES LIGNES BRUYANTES

(71) **BRIDGEWAVE COMMUNICATIONS, INC.** [US/US]; 249 Humbolt Court, Sunnyvale, CA 94043 (US).

(72) **PASTERNAK, Eliezer**; 3445 Louis Road, Palo Alto, CA 94303 (US). **WARDANI, Ladd, El**; 6416 La Jolla Scenic Dr. South, La Jolla, CA 92037 (US).

(74) **LOHSE, Timothy, W.**; Gray Cary Ware & Freidenrich LLP, 400 Hamilton Avenue, Palo Alto, CA 94301-1825 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 7/00**

(11) **WO 01/71966** (13) A1

(21) PCT/US01/40367

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/531,277 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MULTIPLE CHANNEL ADAPTIVE DATA RECOVERY SYSTEM
• SYSTEME ADAPTATIF DE RECUPERATION DE DONNEES A CANAUX MULTIPLES

(71) **VITESSE SEMICONDUCTOR CORPORATION** [US/US]; 741 Calle Plano, Camarillo, CA 93012 (US).

(72) **McCORMACK, Gary, D.**; 12312 Southwest Anton Drive, Tigard, OR 97223 (US). **TALAGA, Ronald, F., Jr.**; 5019C Foothills Road, Lake Oswego, OR 97034 (US).

(74) **CAVANAGH, Daniel, M.**; Christie, Parker & Hale LLP, 350 West Colorado Boulevard, P.O. Box 7068, Pasadena, CA 91109-7068 (US).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **H04L 7/02, 27/00, H03H 17/00**

(11) **WO 01/71967** (13) A2

(21) PCT/US01/08408

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/527,411 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PARALLEL ASYNCHRONOUS SAMPLE RATE REDUCER
• REDUCTEUR DE VITESSE D'ECHANTILLONNAGE ASYNCHRONE PARALLELE

(71) **RAYTHEON COMPANY** [US/US]; 140 Spring Street, Lexington, MA 02421 (US).

(72) **GENRICH, Thad, J.**; 18805 East Napa Drive, Aurora, CO 80013 (US).

(74) **MEIER, Harold, E.**; Baker Botts LLP, 2001 Ross Ave., Suite 600, Dallas, TX 75201-2980 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 9/00**

(11) **WO 01/71968** (13) A1

(21) PCT/US01/08166

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 09/526,897 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SUBSCRIPTION AUCTION AND SALE SYSTEM
• SYSTEME DE VENTE ET D'ENCHERE PAR ABONNEMENT

(71, 72) **ANDERSON, Claude, T.** [US/US]; 7595 214th Street, Forest Lake, MN 55025 (US). **RIETH, Michael, G.** [US/US]; 1810 Brighton Trail, Woodbury, MN 55125 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 9/22**

(11) **WO 01/71969** (13) A1

(21) PCT/DE01/00694

(22) **22 Feb/fév 2001 (22.02.2001)**

(25) de (26) de

(30) 00106327.0 **23 Mar/mar 2000** EP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEVICE AND METHOD FOR INCREASING THE OPERATIONAL RELIABILITY AND THE UNIFORMITY OF A SOURCE OF NOISE
• PROCEDE ET DISPOSITIF PERMETTANT D'AUGMENTER LA SECURITE DE FONCTIONNEMENT ET LA REGULARITE D'UNE SOURCE DE BRUIT

(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) **JANSSEN, Norbert** [DE/DE]; Innere Wiener Str. 13A, 81667 München (DE).

(74) **EPPING HERMANN & FISCHER**; Postfach 12 10 26, 80034 München (DE).

(81) BR CA CN IL IN JP KR MX RU UA US.

Published / Publiée : *(c)*

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(51)[7] **H04L 9/30, 9/32**

(11) **WO 01/71970** (13) A2

(21) PCT/IL01/00273

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 135246 **23 Mar/mar 2000** IL **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHODS AND SYSTEMS FOR EFFICIENT CHAINED CERTIFICATION
• PROCÉDÉS ET SYSTÈMES DE CERTIFICATION CHAÎNÉE EFFICACE

(71) **CIPHERIT LTD.** [IL/IL]; Sigalon Street 38, 84965 Omer (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARAZI, Benjamin** [IL/IL]; Sigalon Street 38, 84965 Omer (IL).

(74) **LUZZATTO, Kfir** et al. / etc.; Luzzatto & Luzzatto, P.O. Box 5352, 84152 Beer-Sheva (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 9/32**

(11) **WO 01/71971** (13) A1

(21) PCT/FI00/00231

(22) **21 Mar/mar 2000 (21.03.2000)**

(25) fi (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DIGITAL CONTRACT
• CONTRAT NUMERIQUE

(71) **SONERA SMARTTRUST OY** [FI/FI]; c/o Sonera Oyj, P.O. Box 106, FIN-00051 Sonera (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIETTINEN, Jarmo** [FI/FI]; Everstinkatu 1 C 72, FIN-02600 Espoo (FI). **LIUKKONEN, Jukka** [FI/FI]; Männikkötie 9 G 53, FIN-00630 Helsinki (FI). **MÄTTÖ, Mikko** [FI/FI]; Jämeräntaival 5 B 216, FIN-02150 Espoo (FI). **PIETILÄINEN, Henna** [FI/FI]; Servinkuja 1 B 13, FIN-02150 Espoo (FI). **LEHTONEN, Veera** [FI/FI]; Merimiehenkatu 39 B 42, FIN-00150 (FI).

(74) **PAPULA OY**; P.O. Box 981, (Fredrikinkatu 61 A), FIN-00101 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 9/32**

(11) **WO 01/71972** (13) A2

(21) PCT/FR01/00829

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) fr (26) fr

(30) 00/03596 **21 Mar/mar 2000** FR **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD, AUTOMATON AND COMPUTER DEVICE AND NETWORK FOR CERTIFIED DOCUMENT TRANSMISSION
• PROCEDE, AUTOMATE, DISPOSITIF INFORMATIQUE ET RESEAU POUR LA TRANSMISSION CERTIFIEE DE DOCUMENTS

(71) **SOCIETE TOULOUSAINE DE SERVICES - STS** [FR/FR]; 6, rue Marius Terce, F-31300 Toulouse (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEFEVRE, Michel** [FR/FR]; Chemin de l'Oraison, Saint-Hilaire, F-31410 Noe (FR).

(74) **Cabinet Barre Laforgue & Associés**; 95, rue des Amidonniers, F-31000 Toulouse (FR).

(81) CA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04L 9/32**

(11) **WO 01/71973** (13) A1

(21) PCT/KR01/00459

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) ko (26) en

(30) 2000/15149 **24 Mar/mar 2000** KR **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD OPERATING AS AN AGENCY FOR ENABLING REGISTRATION AND LOGIN
• SYSTEME ET PROCEDE FAISANT OFFICE D'AGENCE PERMETTANT A UN UTILISATEUR DE S'INSCRIRE ET D'OUVRIR UNE SESSION

(71, 72) **KIM, Ji-Hoon** [KR/KR]; Hapjeong-dong 367-22, Mapo-ku, Seoul 121-884 (KR).

(74) **KIM, Won-Ho**; Teheran Bldg., 825-33 Yoksam-dong, Kangnam-Ku, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 12/00**

(11) **WO 01/71974** (13) A2

(21) PCT/CA01/00382

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 2,303,000 **23 Mar/mar 2000** CA **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ESTABLISHING AND MANAGING COMMUNICATIONS OVER TELECOMMUNICATION NETWORKS
• ETABLISSEMENT ET GESTION DE COMMUNICATIONS PAR DES RESEAUX DE TELECOMMUNICATION

(71) **SOMA NETWORKS, INC.** [US/US]; China Wharf Basin, Suite 2000, 185 Berry Street, San Francisco, CA 94107 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SNELGROVE, William, M.** [CA/CA]; 603-90 Sherbourne Street, Toronto, Ontario M5A 2R1 (CA).

(74) **STRATTON, Robert, P.** et al. / etc.; Suite 700, 312 Adelaide Street W., Toronto, Ontario M5V 1R2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 12/00**

(11) **WO 01/71975** (13) A2

(21) PCT/IB01/00435

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/533,533 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHODS FOR IDENTIFYING CONNECTIONS IN A NETWORK
• PROCEDES D'IDENTIFICATION DE CONNEXIONS DANS UN RESEAU

(71) **ADC TELECOMMUNICATIONS ISRAEL LTD.** [IL/IL]; 10 Ha'Sadnaot Street, 46120 Herzliya (IL).

(72) **KLIPPER, Joshua**; 3A Harav Hacohen Hanazir Street, 42369 Netanya (IL). **PRITAL, Aviv**; 8 HaGil'ad Street, 42000 Netyana (IL).

(74) **LUZZATTO, Kfir**; Luzzatto & Luzzatto, P.O. Box 5352, Beer-Sheva 84152 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 12/00**

(11) **WO 01/71976** (13) A2

(21) PCT/SE01/00579

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/528,551 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BALANCING PROCESSING LOAD USING NOTIFICATION CHANNEL FILTERING
• EQUILIBRAGE DE LA CHARGE DE TRAITEMENT PAR LE FILTRAGE DE CANAUX DE NOTIFICATION

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).

(72) **TSE, Edwin**; 4976 Jean Brillant, Montreal, Quebec H3W 1T7 (CA). **GOSSELIN, Nicolas**; 110 du Blainvillier, Blainville, Quebec J7C 4Y1 (CA). **KELLEDY, Fergus**; 10 Oriel Terrace, Demense Rd., Dundalk, Co. Louth (IE). **O'FLANAGAN, David**; 18 Haddington Square, Ballsbridge, Dublin 4 (IE).

(74) **MAGNUSSON, Monica**; Ericsson Radio Systems AB, Patent Unit Radio Access, S-164 80 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 12/00**

(11) **WO 01/71977** (13) A2

(21) PCT/US01/08559

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/189,977 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HOME-NETWORKING
• CREATION D'UN RESEAU DOMESTIQUE

(63) US 60/189,977 (CON) 17 Mar/mar 2000 (17.03.2000)

(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) **BOSCO, Eric** [IT/US]; 1514 Emerson Avenue, Mclean, VA 22101 (US). **CHILES, David, Clyde** [US/US]; 3822 Sunflower Circle, Mitchelville, MD 20721 (US).

(74) **RENNER, W., Karl**; Fish & Richardson, 601 Thirteenth Street N.W., Washington, DC 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 12/24, 12/26**

(11) **WO 01/71978** (13) A1

(21) PCT/FR01/00830

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) fr (26) fr

(30) 00/03548 **20 Mar/mar 2000** FR **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COMPUTER EQUIPMENT FOR SUPERVISION OF COMPUTER OR TELECOMMUNICATION EQUIPMENT, NETWORK AND SERVICES
• SUPERVISEUR D'EQUIPEMENTS, DE RESEAUX ET DE SERVICES INFORMATIQUES OU DE TELECOMMUNICATION

(71) **FUTUROCOM** [FR/FR]; 2, rue Bertie Albrecht, F-92220 Bagneux (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BORG, Jean-Pierre** [FR/FR]; 22, rue du Docteur Charcot, F-92220 Bagneux (FR).

(74) **BREESE-MAJEROWICZ**; 3, avenue de l'Opéra, F-75001 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 12/24**

(11) **WO 01/71979** (13) A2

(21) PCT/US01/09011

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,613 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ORGANIZING AND COMBINING A HIERARCHY OF CONFIGURATION PARAMETERS TO PRODUCE AN ENTITY PROFILE FOR AN ENTITY ASSOCIATED WITH A COMMUNICATIONS NETWORK
• ORGANISATION ET COMBINAISON D'UNE HIERARCHIE DE PARAMETRES DE CONFIGURATION POUR PRODUIRE UN PROFIL D'ENTITE D'UNE ENTITE ASSOCIEE A UN RESEAU DE COMMUNICATION

(71) **PINGTEL CORPORATION** [US/US]; Suite 2200, 400 West Cummings Park, Woburn, MA 01801 (US).

(72) **SCHAAF, Richard, W.**; 583 North Road, Sudbury, MA 01776 (US). **PETRIE, Daniel, G.**; 34 Robbins Road, Arlington, MA 02476 (US).

(74) **MCLOUGHLIN, Daniel, P.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 12/28, H04M 11/06**

(11) **WO 01/71980** (13) A1

(21) PCT/IL01/00237

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 09/531,692 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TELEPHONE OUTLET AND SYSTEM FOR A LOCAL AREA NETWORK OVER TELEPHONE LINES
• PRISE ET SYSTEME TELEPHONIQUES D'UN RESEAU LOCAL UTILISANT DES LIGNES TELEPHONIQUES

(71) **SERCONET LTD.** [IL/IL]; Ha'Haroshet Street 16, P.O.B. 2009, 43657 Raanana (IL). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BINDER, Yehuda** [IL/IL]; Yeshurun Street 30, 45200 Hod HaSharon (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 12/28, 29/06**

(11) **WO 01/71981** (13) A2

(21) PCT/US01/01656

(22) **17 Jan/jan 2001 (17.01.2001)**

(25) en (26) en

(30) 60/191,636 **23 Mar/mar 2000** US **(23.03.2000)**

(30) 09/614,833 **12 Jul/juil 2000** US **(12.07.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MULTIMEDIA EXTENSIONS FOR WIRELESS LOCAL AREA NETWORKS
• EXTENSIONS MULTIMEDIAS POUR RESEAUX LOCAUX SANS FIL

(71) **SHAREWAVE, INC.** [US/US]; 5175 Hillsdale Circle, El Dorado Hills, CA 95762 (US).

(72) **GUBBI, Rajugopal, R.**; 8842 Winding Way, #123, Fair Oaks, CA 95628 (US). **PARKS, Gregory, H.**; 153 Egloff Circle, Folsom, CA 95630 (US).

(74) **MALLIE, Michael, J.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, 7th floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 12/28**

(11) **WO 01/71982** (13) A1

(21) PCT/US01/08846

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,633 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 60/190,636 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SERVICE SELECTION IN A SHARED ACCESS NETWORK USING POLICY ROUTING
• SELECTION DE SERVICES DANS UN RESEAU A ACCES PARTAGE AVEC DEMARCHE DE ROUTAGE

(71) **AT & T CORP.** [US/US]; 32 Avenue of the Americas, New York, NY 10013-2412 (US).

(72) **KALMANEK, Charles, R.**; 86 Great Hills Road, Short Hills, NJ 07078 (US). **RAMAKRISHNAN, Kandangode, K.**; 9 Highland Circle, Berkeley Heights, NJ 07922 (US). **NGUYEN, Han, Q.**; 2 Tharp Lane, Marlboro, NJ 07736 (US). **MURPHY, Lawrence, R.**; 180 Park Avenue, Florham Park, NJ 07932 (US). **GARRETT, John, W.**; 411 Mathers Lane, Neshanic Station, NJ 08853 (US).

(74) **DWORETSKY, Samuel, H.** et al. / etc.; AT & T Corp., P.O. Box 4110, Middletown, NJ 07748-4110 (US).

(81) AU BR CA CN IL KR MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04L 12/28, 29/12**

(11) **WO 01/71983** (13) A1

(21) PCT/US01/08849

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,633 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 60/190,636 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SERVICE SELECTION IN A SHARED ACCESS NETWORK USING DYNAMIC HOST CONFIGURATION PROTOCOL
• CHOIX DE SERVICES DANS UN RESEAU A ACCES PARTAGE METTANT EN OEUVRE UN PROTOCOLE DE CONFIGURATION HOTE DYNAMIQUE

(71) **AT & T CORP.** [US/US]; 32 Avenue of the Americas, New York, NY 10013-2412 (US).

(72) **KALMANEK, Charles, R.**; 86 Great Hills Road, Short Hills, NJ 07078 (US). **RAMAKRISHNAN, Kandangode, K.**; 8 Highland Circle, Berkeley Heights, NJ 07922 (US). **NGUYEN, Han, Q.**; 2 Tharp Lane, Marlboro, NJ 07736 (US). **GARRETT, John, W.**; 411 Mathers Lane, Neshanic Station, NJ 08853 (US).

(74) **DWORETSKY, Samuel, H.** et al. / etc.; AT & T Corp., P.O. Box 4110, Middletown, NJ 07748-4110 (US).

(81) AU BR CA CN IL KR MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04L 12/28, 29/12**

(11) **WO 01/71984** (13) A1

(21) PCT/US01/08986

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,633 **20 Mar/mar 2000** US **(20.03.2000)**

(30) 09/812,314 **20 Mar/mar 2001** US **(20.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR COORDINATING A CHANGE IN SERVICE PROVIDER BETWEEN A CLIENT AND A SERVER WITH IDENTITY BASED SERVICE ACCESS MANAGEMENT
• PROCEDE ET APPAREIL DESTINES A COORDONNER UN CHANGEMENT EN FOURNISSEUR DE SERVICE ENTRE UN CLIENT ET UN SERVEUR AVEC GESTION D'ACCES DE SERVICE A BASE D'IDENTIFICATION

(71) **AT & T CORPORATION** [US/US]; 32 Avenue of the Americas, New York, NY 10013-2412 (US).

(72) **CAROLAN, Sean, E.**; 203 Violet Lane, Jackson, NJ 08527 (US). **GARRETT, John, W.**; 411 Mathers Lane, Neshanic Station, NJ 08853 (US). **KALMANEK, Charles, Robert, Jr.**; 86 Great Hills Road, Short Hills, NJ 07078 (US). **NGUYEN, Han, Q.**; 2 Tharp Lane, Marlboro, NJ 07736 (US). **RAMAKRISHNAN, Kadangode, K.**; 9 Highland Circle, Berkeley Heights, NJ 07922 (US).

(74) **DWORETSKY, Samuel, H.** et al. / etc.; AT & T Corporation, P.O. Box 4110, Middletown, NJ 07748-4110 (US).

(81) AU BR CA CN IL KR MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04L 12/46**

(11) **WO 01/71985** (13) A1

(21) PCT/CA01/00335

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/533,724 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MULTI-STAGE LOOKUP FOR TRANSLATING BETWEEN SIGNALS OF DIFFERENT BIT LENGTHS
• RECHERCHE MULTIETAPES DESTINEE A LA TRADUCTION DE SIGNAUX A LONGUEURS DE BITS DIFFERENTES

(71) **MOSAID TECHNOLOGIES INCORPORATED** [CA/CA]; 11 Hines Road, Kanata, Ontario K2K 2X1 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BROWN, David, A.** [CA/CA]; 110 Allissia Crescent, Carp, Ontario K0A 1L0 (CA).

(74) **PILLAY, Kevin**; Fasken Martineau DuMoulin LLP, Toronto Dominion Bank Tower, Suite 4200, P.O. Box 20, Toronto-Dominion Centre, Toronto, Ontario M5K 1N6 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 12/46**

(11) **WO 01/71986** (13) A1

(21) PCT/DE01/00966

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) de (26) de

(30) 100 13 809.8 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR TRANSMITTING A DATA PACKET FROM A FIRST NETWORK UNIT TO A SECOND NETWORK UNIT IN A DATA NETWORK
• PROCEDE ET DISPOSITIF PERMETTANT DE TRANSMETTRE UN PAQUET DE DONNEES A PARTIR D'UNE

PREMIERE UNITE DE COMMUTATION VERS UNE SECONDE UNITE DE COMMUTATION DANS UN RESEAU DE TRANSMISSION DE DONNEES

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GRIMMINGER, Jochen** [DE/DE]; Mettenstr. 17, 80638 München (DE). **HUTH, Hans-Peter** [DE/DE]; Baldurstr. 93, 80638 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) AU CN IN US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04L 12/56, H04H 5/00, G06F 13/12**

(11) **WO 01/71987** (13) A1

(21) PCT/AU01/00308

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) PQ 6335 **20 Mar/mar 2000** AU **(20.03.2000)**

(30) PQ 7696 **23 May/mai 2000** AU **(23.05.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AUDIO DISTRIBUTION AND PLAYBACK SYSTEM
• SYSTEME DE LECTURE ET DE DIFFUSION AUDIO

(71) **LAKE TECHNOLOGY LIMITED** [AU/AU]; Suit 502, Level 5, 51-55 Mountain Street, Ultimo, New South Wales 2007 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAYTON, Leonard, Charles** [AU/AU]; 65 Juliett Street, Marrickville, New South Wales 2204 (AU).

(74) **FREEHILLS CARTER SMITH BEADLE**; Level 32, MLC Centre, 19-29 Martin Place, Sydney, New South Wales 2000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 12/56, 12/64**

(11) **WO 01/71988** (13) A1

(21) PCT/DE01/00863

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) de (26) de

(30) 100 14 522.1 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND ARRANGEMENT FOR CHECKING WHETHER THE USE OF A SERVICE IS PERMISSIBLE
• PROCEDE ET DISPOSITIF DE CONTROLE D'ADMISSIBILITE D'UNE UTILISATION DE SERVICE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacher Platz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RANSMAYR, Viktor** [DE/DE]; Barerstrasse 66/DG, 80799 München (DE). **BITZINGER, Rudolf** [DE/DE]; Lechbruckerstrasse 11, 81476 München (DE). **PREHOFER, Christian** [DE/DE]; Wengleinstrasse 7, 81477 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) AU CA CN IL NZ US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **H04L 12/56, H04M 11/00**

(11) **WO 01/71989** (13) A1

(21) PCT/JP01/02311

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-84155 **24 Mar/mar 2000** JP **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INFORMATION PROVIDING SYSTEM
• SYSTEME DE FOURNITURE D'INFORMATIONS

(71) **WORLD AXLE CORPORATION** [JP/JP]; 2-12, Hamamatsucho 1-chome, Minato-ku, Tokyo 105-0013 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OHTA, Masataka** [JP/JP]; 22-32, Azamino 1-chome, Aoba-ku, Yokohama-shi, Kanagawa 225-0011 (JP). **FUJIKAWA, Kenji** [JP/JP]; 8, Higashisuginomiya-cho, Ichijyoji, Sakyo-ku, Kyoto-shi, Kyoto 606-8113 (JP). **KITAGAWA, Takurou** [JP/JP]; 746-4, Yokokawa-cho, Hachioji-shi, Tokyo 193-0823 (JP).

(74) **IMAI, Akira**; Nihonseimei Matsumotoekimae Bldg. 8th Floor, 4-20, Chuo 1-chome, Matsumoto-shi, Nagano 390-0811 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 12/56**

(11) **WO 01/71990** (13) A1

(21) PCT/NO01/00128

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) no (26) en

(30) 20001493 **22 Mar/mar 2000** NO **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A METHOD FOR DATA COMMUNICATION
• PROCEDE DE COMMUNICATION DE DONNEES

(71) **ELINK AS** [NO/NO]; P.O. Box 135, N-5062 Bønes (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ØVREBØ, Kjell** [NO/NO]; Mario Caprinosvei 4b, N-1367 Snarøya (NO).

(74) **ONSAGERS AS**; P.O. Box 265 Sentrum, N-0103 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(51)[7] **H04L 12/56, H04Q 11/04, 3/64, G06F 13/00**

(11) **WO 01/71991** (13) A1

(21) PCT/SE01/00435

(22) **1 Mar/mar 2001 (01.03.2001)**

(25) en (26) en

(30) 0000908-4 **20 Mar/mar 2000** SE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LOAD REGULATION
• REGULATION DE LA CHARGE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).

(72) **HAGLUND, Anders, Bertil**; Bergslagsvägen 21, 1tr, S-168 76 Bromma (SE).

(74) **HEDBERG, Åke** et al. / etc.; Aros Patent AB, P.O. Box 1544, S-751 45 Uppsala (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA

(BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 12/58**

(11) **WO 01/71992** (13) A2

(21) PCT/US01/09153

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,085 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INTEGRATED SYSTEM AND METHOD OF PROVIDING ONLINE ACCESS TO FILES AND INFORMATION
• SYSTEME ET PROCEDE INTEGRES PERMETTANT DE FOURNIR L'ACCES EN LIGNE AUX FICHIERS ET INFORMATIONS

(71) **OMNIPOD, INC.** [US/US]; 41 East 11th Street, New York, NY 10003 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OPPENHEIMER, David** [US/US]; 3348 Buckeye Lane, Fairfax, VA 22033 (US). **LIMPEROS, Kevin** [US/US]; #1, 14th Street, Apt. 607, Hoboken, NJ 07030 (US). **HUNT, Matthew** [US/US]; 55 Park Terrace East, Apt. B-81, New York, NY 10034 (US).

(74) **CARLSON, Brett, A.**; Snell & Wilmer L.L.P., One Arizona Center, Phoenix, AZ 85004-2202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 12/66**

(11) **WO 01/71993** (13) A1

(21) PCT/DE01/01084

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) de (26) de

(30) 100 13 866.7 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR PROVIDING TELEPHONE SERVICES THROUGH XDSL CONNECTION LINES
• PROCEDE DE MISE A DISPOSITION DE SERVICES TELEPHONIQUES VIA DES LIGNES D'ABONNE XDSL

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RUCKSTUHL, Hanspeter** [CH/DE]; Wolframstr. 20, 82515 Wolfratshausen (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04L 12/66**

(11) **WO 01/71994** (13) A1

(21) PCT/KR01/00434

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ko (26) en

(30) 2000/14112 **20 Mar/mar 2000** KR **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND SYSTEM FOR TELEPHONE COMMUNICATION
• PROCEDE ET SYSTEME DE COMMUNICATION TELEPHONIQUE

(71) **INTERCONWARE, INC.** [KR/KR]; 9F, Namjun Building, 682, Yoksam-Dong, Kangnam-Gu, Seoul 135-080 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KWON, Oh-Choon** [KR/KR]; 5-602, Sin-dong-a Apartment, 44, Myung-il-Dong, Kangdong-Gu, Seoul 134-786 (KR). **KIM, Hyung-Hwan** [KR/KR]; 2-307, Woosung Apartment, 388-7, Poongnap2-Dong, Songpa-Gu, Seoul 138-783 (KR).

(74) **SONG, Ho-Chan** et al. / etc.; Chae & Song Patent & Trademark Office, Rm No. 509, Sung-Ji Heights III, 642-6, Yoksam-Dong, Kangnam-Gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 12/66, 12/28, H04N 7/06**

(11) **WO 01/71995** (13) A1

(21) PCT/NO01/00122

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) no (26) en

(30) 20001501 **23 Mar/mar 2000** NO **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR ORDERING AND TRANSMITTING OF DIGITAL DATA AMOUNTS, PARTICULARLY VIDEO SIGNAL
• METHODE DE CLASSEMENT ET DE TRANSMISSION DE QUANTITES DE DONNEES NUMERIQUES NOTAMMENT DE SIGNAUX VIDEO

(71) **IP-VISION AKTIEBOLAG** [SE/SE]; Reenstiernas gata 28, S-981 32 Kiruna (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERGSTRÖM, Roger** [SE/NO]; c/o Curo AS, P.O. Box 38, N-7231 Lundamo (NO).

(74) **CURO AS**; P.O. Box 38, N-7231 Lundamo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 25/03**

(11) **WO 01/71996** (13) A2

(21) PCT/US01/08269

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/528,678 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BLOCK-ITERATIVE EQUALIZERS FOR DIGITAL COMMUNICATION SYSTEMS
• EGALISEURS ITERATIFS PAR BLOC POUR SYSTEME DE COMMUNICATION NUMERIQUE

(71) **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).

(72) **CHAN, Albert, M.**; 23 Rockingham Street, Cambridge, MA 02139 (US). **WORNELL, Gregory, W.**; 75 Ivy Road, Wellesley, MA 02482 (US).

(74) **CONNORS, Matthew, E.** et al. / etc.; Samuels, Gauthier & Stevens, LLP, Suite 3300, 225 Franklin Street, Boston, MA 02110 (US).

(81) CA JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04L 25/06, G06K 7/10, H03K 5/08, H03D 1/10**

(11) **WO 01/71997** (13) A1

(21) PCT/FR01/00832

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) fr (26) fr

(30) 00/03606 **21 Mar/mar 2000** FR **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEMODULATOR OF AN AMPLITUDE-MODULATED ALTERNATING SIGNAL
• DEMODULATEUR D'UN SIGNAL ALTERNATIF MODULE EN AMPLITUDE

(71) **GEMPLUS** [FR/FR]; Avenue Du Pic De Bertagne, Parc d'activités de la Plaine de

Jouques, F-13420 Gémenos (FR). **STMICROELECTRONICS SA** [FR/FR]; 29, boulevard Romain Rolland, F-92120 Montrouge (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DELL'OVA, Francis** [FR/FR]; 4, rue du Soleil, F-13710 Fuveau (FR). **RIZZO, Pierre** [FR/FR]; 31, rue Frédéric Mistral, F-13400 Aubagne (FR).

(74) **BORIN, Lydie**; Cabinet Ballot, 16, avenue du Pont Royal, F-94230 Cachan (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 25/30**

(11) **WO 01/71998** (13) A1

(21) PCT/AU01/00290

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) PQ 6358 **17 Mar/mar 2000** AU **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CLOCKLESS DEMODULATION AND WORD RECOGNITION SYSTEM
• DEMODULATION EXEMPTE D'HORLOGE ET SYSTEME DE RECONNAISSANCE VOCALE

(71) **TRANSCORP SYSTEM PTY. LTD.** [AU/AU]; Suite 1, 12 Blackwood Street, Mitchelton, QLD 4053 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DEVITT, Christopher** [AU/AU]; 12 Heather Anne Drive, Draper, QLD 4520 (AU).

(74) **EICHBERGER, Helmut**; Cullen & Co, Level 26, 239 George Street, Brisbane, QLD 4000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 27/00**

(11) **WO 01/71999** (13) A1

(21) PCT/US00/27616

(22) **6 Oct/oct 2000 (06.10.2000)**

(25) en (26) en

(30) 09/533,342 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEVICE AND METHOD FOR ADJUSTING INPUT GAIN FOR MULTIPLE SIGNAL FORMATS IN A DATA NETWORK
• DISPOSITIF ET PROCEDE DE REGLAGE DU GAIN D'ENTREE, POUR PLUSIEURS FORMATS DE SIGNAUX, DANS UN RESEAU DE DONNEES

(71) **ADVANCED MICRO DEVICES, INC.** [US/US]; One AMD Place, Mail Stop 68, P.O. Box 3453, Sunnyvale, CA 94088-3453 (US).

(72) **NAYLER, Colin, D.**; 691 Ontario Court #1, Sunnyvale, CA 94087 (US).

(74) **RODDY, Richard, J.**; Advanced Micro Devices, Inc., One AMD Place, Mail Stop 68, P.O. Box 3453, Sunnyvale, CA 94088-3453 (US).

(81) CN JP KR SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **H04L 27/00**

(11) **WO 01/72000** (13) A2

(21) PCT/US01/08536

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/534,251 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CARRIER ACQUISITION IN A DC/MA SYSTEM
• ACQUISITION DE PORTEUSE DANS UN SYSTEME DC/MA

(71) **COMSPACE CORPORATION, INC.** [US/US]; Suite 100, 955 Freeport Parkway, Coppell, TX 75019-4415 (US).

(72) **MCCARTY, Robert**; 6421 Blacktree Drive, Plano, TX 75093 (US). **TRIVEDI, Akshaya**; 4021 Tabernash Drive, Richardson, TX 75082 (US).

(74) **SLATER, Steven, H.**; Slater & Matsil, L.L.P., Suite 300, 15150 Preston Road, Dallas, TX 75248 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 29/00**

(11) **WO 01/72001** (13) A2

(21) PCT/GB01/01235

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0006678.7 **21 Mar/mar 2000** GB **(21.03.2000)**

(30) 0018484.6 **26 Jul/juil 2000** GB **(26.07.2000)**

(30) 0018420.0 **28 Jul/juil 2000** GB **(28.07.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF, AND MEANS FOR, PAYMENT OF INFORMATION SERVICES DELIVERED OVER THE AIR
• PROCEDE ET MOYENS DE PAIEMENT DE SERVICES D'INFORMATIONS LIVRES EN DIRECT

(71) **MAGIC4 LIMITED** [GB/GB]; Chadwick Road, Birchwood Park, Warrington, Cheshire WA3 6AE (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JONES, BARRY** [GB/GB]; 33 Henmark Close, Callands, Warrington, Cheshire WA5 5TG (GB).

(74) **HACKNEY, Nigel, J.** et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, London, Greater London WC2B 6HP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 29/00**

(11) **WO 01/72002** (13) A2

(21) PCT/US01/08552

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/189,973 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SHARED GROUPS ROSTERING SYSTEM
• SYSTEME DE LISTAGE POUR GROUPES DE PARTAGE

(63) US 60/189,973 (CON)
17 Mar/mar 2000 (17.03.2000)

(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) **WEIDEN, David** [—/—]; -**BURROWS, Jennifer** [—/—]; -**PAUER, Manuela** [—/—]; -**HUSSAIN, Mohsin** [—/—]; -**SAUNDERS, James** [—/—]; -

(74) **RACUNAS, Robert, V.**; Fish & Richardson, 601 Thirteenth Street N.W., Washington, DC 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 29/00**

(11) **WO 01/72003** (13) A2

(21) PCT/US01/08985

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,633 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR COORDINATING USER SELECTION OF NETWORK SERVICE PROVIDERS OVER A BROADBAND COMMUNICATIONS NETWORK

• PROCEDE ET APPAREIL POUR COORDONNER UNE SELECTION D'USAGER CONCERNANT DES FOURNISSEURS DE SERVICES D'UN RESEAU PAR L'INTERMEDIAIRE D'UN RESEAU DE COMMUNICATION A TRES LARGE BANDE

(71) **AT & T CORP.** [US/US]; 32 Avenue of the Americas, New York, NY 10013-2412 (US).

(72) **CAROLAN, Sean, E.**; 203 Violet Lane, Jackson, NJ 08527 (US). **GARRETT, John, W.**; 411 Mathers Lane, Neshanic Station, NJ 08853 (US). **KALMANEK, Charles, Robert, Jr.**; 86 Great Hills Road, Short Hills, NJ 07078 (US). **NGUYEN, Han, Q.**; 2 Tharp Lane, Marlboro, NJ 07736 (US). **RAMAKRISHNAN, Kadangode, K.**; 9 Highland Circle, Berkeley Heights, NJ 07922 (US).

(74) **DWORETSKY, Samuel, H.** et al. / etc.; AT & T Corp., P.O. Box 4110, Middletown, NJ 07748-4110 (US).

(81) AU BR CA CN IL KR MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04L 29/02, 29/14, H04B 3/04**

(11) **WO 01/72004** (13) A1

(21) PCT/AU01/00288

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) PQ 6357 **17 Mar/mar 2000** AU **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • BROADBAND ACCESS CONTROL SYSTEM FOR PROTECTION BEARERS

• SYSTEME DE COMMANDE D'ACCES A LARGE BANDE POUR PORTEURS DE PROTECTION

(71) **TRANSCORP SYSTEMS PTY LTD** [AU/AU]; Suite 1, 12 Blackwood Street, Mitchelton, Queensland 4053 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DEVITT, Christopher** [AU/AU]; 12 Heather Anne Drive, Draper, Queensland 4520 (AU).

(74) **EICHBERGER, Helmut**; Cullen & Co, Level 26, 239 George Street, Brisbane, Queensland 4000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 29/02, H04B 3/04**

(11) **WO 01/72005** (13) A1

(21) PCT/AU01/00289

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) PQ 6356 **17 Mar/mar 2000** AU **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DIGITAL DATA SPLITTER WITH SWITCH AND AUTOMATIC TERMINATION RESTORATION

• SEPARATEUR DE DONNEES NUMERIQUES A COMMUTATEUR, ET RESTAURATION AUTOMATIQUE DE TERMINAISON

(71) **TRANSCORP SYSTEMS PTY LTD** [AU/AU]; Suite 1, 12 Blackwood Street, Mitchelton, Queensland 4053 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DEVITT, Christopher** [AU/AU]; 12 Heather Anne Drive, Draper, Queensland 4520 (AU).

(74) **EICHBERGER, Helmut**; Cullen & Co, Level 26, 239 George Street, Brisbane, Queensland 4000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 29/06**

(11) **WO 01/72006** (13) A2

(21) PCT/DK01/00194

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) PA 2000 00476 **21 Mar/mar 2000** DK **(21.03.2000)**

(30) 60/191,468 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A METHOD FOR CREATING SITES, A METHOD FOR EDITING SITES, SYSTEMS FOR PERFORMING THESE METHODS AND USE OF SUCH SYSTEMS

• PROCEDE DE CREATION ET DE MISE EN FORME DE SITES, SYSTEMES PERMETTANT DE METTRE EN OEUVRE CES PROCEDES ET UTILISATION DE TELS SYSTEMES

(71) **SYNKRON A/S** [DK/DK]; Klostertorvet 3B, DK-8000 Århus C (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FREDERIKSEN, Martin** [DK/DK]; Lollandsgade 72, 2., DK-8000 Århus C (DK). **JOHANNSEN, Jens, Willy** [DK/DK]; Falstersgade 27, st., DK-8000 Århus C (DK). **THULESEN, Søren** [DK/DK]; Falstersgade 27, 4., DK-8000 Århus C (DK).

(74) **PLOUGMANN, VINGTOFT & PARTNERS A/S**; Sankt Annæ Plads 11, P.O. Box 3007, DK-1021 Copenhagen K (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 29/06, 29/12**

(11) **WO 01/72007** (13) A1

(21) PCT/EP01/02616

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) en (26) en

(30) 0006464.2 **18 Mar/mar 2000** GB **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • IP COMMUNICATION IN A CELLULAR TELECOMMUNICATIONS SYSTEM

• COMMUNICATION IP DANS UN SYSTEME DE TELECOMMUNICATIONS CELLULAIRE

(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) **VILANDER, Harri, Tapani** [FI/FI]; Alberganesplanadi 11 A 3, FIN-02600 Espoo (FI).

(74) **LIND, Robert**; 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW

MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 29/06, H04Q 3/00, H04L 12/66**

(11) **WO 01/72008** (13) A2

(21) PCT/SE01/00613

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/531,849 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD FOR PROVIDING ENHANCED USER-SERVICE INTERACTION IN AN INTEGRATED TELECOMMUNICATIONS NETWORK
• SYSTEME ET PROCEDE POUR ASSURER UNE MEILLEURE INTERACTION UTILISATEUR-SERVICE DANS UN RESEAU DE TELECOMMUNICATION INTEGRE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).

(72) **GOURRAUD, Christophe**; 5470 rue Duquette, Montreal, Quebec H4A 1J6 (CA).

(74) **MAGNUSSON, Monica**; Ericsson Radio Systems AB, Patent Unit Radio Access, S-164 80 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 29/06**

(11) **WO 01/72009** (13) A2

(21) PCT/US01/07282

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) en (26) en

(30) 09/528,189 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • WEB-BASED SINGLE-SIGN-ON AUTHENTICATION MECHANISM
• MECANISME D'AUTHENTIFICATION BASE SUR LE WEB ET POSSEDANT UNE PROCEDURE D'OUVERTURE UNIQUE

(71) **AT & T CORP.** [—/US]; 32 Avenue of the Americas, New York, NY 10013-2412 (US).

(72) **BALABINE, Igor**; 11063 Bel Aire Court, Cupertino, CA 95014 (US). **DUTTA, Partha, P.**; 1164 Malibu Drive, San Jose, CA 95129 (US). **KUMAR, Mahesh, M.**; 5009 Oak Hollow Terrace, Fremont, CA 94536 (US). **TSELOVALNIKOV, Alex**; 1470 English Drive 22, San Jose, CA 95129 (US).

(74) **CANAVAN, Robert, T.** et al. / etc.; AT & T Corp., P.O. Box 4110, Middletown, NJ 07748-4110 (US).

(81) BR CA MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04L 29/06**

(11) **WO 01/72010** (13) A2

(21) PCT/US01/08401

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/528,092 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR DEMAND BASED PAGING ALGORITHM
• PROCEDE ET APPAREIL DE DEMANDE REPOSANT UN ALGORITHME DE PAGINATION

(71) **SUN MICROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, M/S: UPAL01-521, Palo Alto, CA 94303 (US).

(72) **BALAKRISHNAN, Ravi**; 870 El Camino Real #222, Sunnyvale, CA 94087 (US). **GUPTA, Abhay**; 1861 Newcastle Drive, Los Altos, CA 94024 (US). **PENTYALA, Sureshi**; 2021 Milpitas Boulevard, Apt. 217, Milpitas, CA 95035 (US).

(74) **HECKER, Gary, A,** et al. / etc.; The Hecker Law Group, 1925 Century Park East, Suite 2300, Los Angeles, CA 90067 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 29/06**

(11) **WO 01/72011** (13) A2

(21) PCT/US01/08490

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/189,983 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHODS AND SYSTEMS FOR PROOFING IDENTITIES USING A CERTIFICATE AUTHORITY
• PROCEDES ET SYSTEMES DESTINES A CONTROLER DES IDENTITES AU MOYEN D'UN ORGANISME DE CERTIFICATION

(71) **UNITED STATES POSTAL SERVICE** [US/US]; 475 L'Enfant Plaza, S.W., Room 6344, Washington, DC 20260-1135 (US).

(72) **CAMPBELL, Leo, J.**; 4263 South 35th Street, Arlington, VA 22206 (US). **COOK, Jon, L.**; 203 Yoakum Parkway, Apt. #1014, Alexandria, VA 22304 (US).

(74) **GARRETT, Arthur, S.** et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04L 29/06**

(11) **WO 01/72012** (13) A2

(21) PCT/US01/09296

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/534,418 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD FOR INEXPENSIVELY PROVIDING SECURITY AND AUTHENTICATION OVER A COMMUNICATIONS CHANNEL
• SYSTEME ET PROCEDE DE SECURITE ET D'AUTHENTIFICATION SUR UN CANAL DE COMMUNICATIONS

(71) **SUN MICROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, MS UPALI0-521, Palo Alto, CA 94303 (US).

(72) **HANNA, Stephen, R.**; 3 Beverly Road, Bedford, MA (US). **GUTTMAN, Erik, A.**; Bahnstrasse 2, 74915 Waibstadt (DE). **PERLMAN, Radia, L.**; 10 Huckleberry Lane, Acton, MA 01720 (US). **PROVINO, Joseph, E.**; 29 Wendell Street, Cambridge, MA 02138 (US).

(74) **SORKIN, Paul, D.**; Sun Microsystems, Inc., 1 Network Drive, MS UBUR02-310, Burlington, MA 01803 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)[7] **H04L 29/12, 12/28**

(11) **WO 01/72013** (13) A1

(21) PCT/US01/08841

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,633 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR COORDINATING A CHANGE IN SERVICE PROVIDER BETWEEN A CLIENT AND A SERVER
• PROCEDE ET APPAREIL PERMETTANT DE COORDONNER UN CHANGEMENT DE FOURNISSEUR DE SERVICES AU NIVEAU D'UN CLIENT ET D'UN SERVEUR

(71) **AT & T CORP.** [US/US]; 32 Avenue of the Americas, New York, NY 10013-2412 (US).

(72) **CAROLAN, Sean, E.**; 203 Violet Lane, Jackson, NJ 08527 (US). **GARRETT, John, W.**; 411 Mathers Lane, Neshanic Station, NJ 08853 (US). **KALMANEK, Charles, Robert, Jr.**; 86 Great Hills Road, Short Hills, NJ 07078 (US). **NGUYEN, Han, Q.**; 2 Tharp Lane, Marlboro, NJ 07736 (US). **RAMAKRISHNAN, Kadangode, K.**; 9 Highland Circle, Berkeley Heights, NJ 07922 (US).

(74) **DWORETSKY, Samuel, H.** et al. / etc.; AT & T Corp., P.O. Box 4110, Middletown, NJ 07748-4110 (US).

(81) AU BR CA CN IL KR MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04M 1/02**

(11) **WO 01/72014** (13) A1

(21) PCT/SE01/00497

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) en (26) en

(30) 0000906-8 **20 Mar/mar 2000** SE **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A PORTABLE COMMUNICATION APPARATUS HAVING A LIQUID CRYSTAL DISPLAY AND A METHOD FOR THE OPERATION THEREOF
• APPAREIL DE COMMUNICATION PORTABLE, PRESENTANT UN DISPOSITIF D'AFFICHAGE A CRISTAUX LIQUIDES, ET PROCEDE DE FONCTIONNEMENT DUDIT APPAREIL

(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) **PETTERSSON, Mats** [SE/SE]; Sofiavägen 5B, S-222 41 Lund (SE). **HEDÉN, Erik** [SE/SE]; Magistratsvägen 11C, S-226 43 Lund (SE).

(74) **STRÖM, Tore** et al. / etc.; Ström & Gulliksson AB, P.O. Box 4188, S-203 13 Malmö (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04M 1/38, H04Q 7/20**

(11) **WO 01/72015** (13) A1

(21) PCT/US01/08881

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/191,121 **21 Mar/mar 2000** US **(21.03.2000)**

(30) Not furnished / non communiqué **21 Mar/mar 2001** US **(21.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A TIERED WIRELESS, MULTI-MODAL ACCESS SYSTEM AND METHOD
• SYSTEME UNIVERSEL MULTIMODE ETAGE D'ACCES SANS FIL, ET PROCEDE ASSOCIE

(71, 72) **LEEDOM, Charles, M., Jr.** [US/US]; 6524 Truman Lane, Falls Church, VA 22043 (US).

(74) **LEEDOM, Charles, J., Jr.**; Nixon Peabody LlP, Suite 800, 8180 Greensboro Drive, McLean, VA 22102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04M 1/57, 1/2745**

(11) **WO 01/72016** (13) A1

(21) PCT/DE01/00894

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) de (26) de

(30) 100 13 902.7 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR TRANSMITTING USER IDENTIFICATION DATA, TELECOMMUNICATIONS DEVICE AND INTERCHANGE UNIT
• PROCEDE DE TRANSMISSION DE DONNEES D'IDENTIFICATION D'ABONNE, APPAREIL DE TELECOMMUNICATION ET UNITE D'ECHANGE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BÄR, Siegfried** [DE/DE]; Belchenstr.9, 75179 Pforzheim (DE). **BECKMANN, Mark** [DE/DE]; Fasanenstr.12, 38102 Braunschweig (DE). **HANS, Martin** [DE/DE]; Spandauer Weg 9, 31141 Hildesheim (DE). **KOWALEWSKI, Frank** [DE/DE]; Schierke 16, 38228 Salzgitter (DE). **LAUMEN, Josef** [DE/DE]; Hansering 56, 31141 Hildesheim (DE). **SCHMIDT, Gunnar** [DE/DE]; Ziegenberg 8, 38304 Wolfenbüttel (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) CN US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04M 1/66, 1/65**

(11) **WO 01/72017** (13) A1

(21) PCT/DE01/00767

(22) **1 Mar/mar 2001 (01.03.2001)**

(25) de (26) de

(30) 100 13 606.0 **18 Mar/mar 2000** DE **(18.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TELECOMMUNICATIONS DEVICE AND A METHOD FOR OPERATING A TELECOMMUNICATIONS DEVICE
• APPAREIL DE TELECOMMUNICATION ET PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN APPAREIL DE TELECOMMUNICATION

(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)

(71) **HAAS, Hardy** [DE/DE]; Sicherstrasse 3, 71254 Ditzingen-Schoeckingen (DE).
(only for / seulement pour US)

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04M 3/00**

(11) **WO 01/72018** (13) A2

(21) PCT/US01/40369

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,198 **22 Mar/mar 2000** US **(22.03.2000)**

(30) 60/201,898 **4 May/mai 2000** US **(04.05.2000)**

(30) 60/277,351 **19 Mar/mar 2001** US **(19.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MESSAGING APPLICATIONS FOR PORTABLE COMMUNICATION DEVICES
• APPLICATIONS DE MESSAGERIE POUR DISPOSITIFS DE COMMUNICATION PORTABLES

(71) **ULTIVERSE TECHNOLOGIES, INC.** [US/US]; 330 Bear Hill Road, Waltham, MA 02451 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAFADI, Rami, B.** [US/US]; 37 River Ridge, Wellesley, MA 02481 (US). **KETUDAT, Tonytip** [US/US]; 354 Concord Avenue, Lexington, MA 02421 (US). **OLIVER, Gaugarin** [IN/US]; 50 Hicks Avenue, #22, Medford, MA 02155 (US).

(74) **HENRY, Steven, J.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04M 3/00**

(11) **WO 01/72019** (13) A2

(21) PCT/US01/07995

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 09/527,768 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR SENSING CURRENT
• PROCEDE ET APPAREIL DE CAPTAGE DE COURANT

(71) **LEGERITY, INC.** [US/US]; P.O. Box 18200, M/S 310, Austin, TX 78760 (US).

(72) **SCHOPFER, Walter, S.**; 2725 Barton Skyway, Austin, TX 78704 (US).

(74) **MORGAN, Terry, D.**; Williams, Morgan & Amerson, P.C., Suite 250, 7676 Hillmont, Houston, TX 77040 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04M 3/00**

(11) **WO 01/72020** (13) A2

(21) PCT/US01/08558

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/189,974 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 60/239,917 **13 Oct/oct 2000** US **(13.10.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • VOICE INSTANT MESSAGING
• MESSAGERIE VOCALE INSTANTANEE

(63) US 60/189,974 (CON) 17 Mar/mar 2000 (17.03.2000)
US 60/239,917 (CON) 13 Oct/oct 2000 (13.10.2000)

(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) **WU, Shuwu** [CN/US]; 18 Camarin Street, Foothill Ranch, CA 92610 (US).

(74) **RACUNAS, Robert, V.**; Fish & Richardson, 601 thirteenth Street N.W., Washington, DC 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04M 3/24**

(11) **WO 01/72021** (13) A1

(21) PCT/EP01/00767

(22) **24 Jan/jan 2001 (24.01.2001)**

(25) de (26) de

(30) 100 14 462.4 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND MONITORING SYSTEM FOR MONITORING AT LEAST ONE SUBSCRIBER LINE
• PROCEDE ET SYSTEME POUR LA SURVEILLANCE D'AU MOINS UN RACCORDEMENT D'ABONNE

(71) **DEUTSCHE TELEKOM AG** [DE/DE]; Friedrich-Ebert-Allee 140, 53113 Bonn (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KESSLER, Steffen** [DE/DE]; Brunnenstrasse 10, 57299 Burbach (DE).

(74) **DEUTSCHE TELEKOM AG**; Rechtsabteilung (Patente) PA1, 64307 Darmstadt (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : *(c)*

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(51)[7] **H04M 3/42**

(11) **WO 01/72022** (13) A1

(21) PCT/US01/08082

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 09/528,549 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND SYSTEM FOR PROVIDING AUDIO CONFERENCING SERVICES
• SYSTEME ET PROCEDE DE FOURNITURE DE SERVICES D'AUDIOCONFERENCE

(71) **EYAK, INC.** [—/US]; 70 Franklin Street, Boston, MA 02110 (US).

(72) **FLOWERS, Jeffrey, C.**; 391 Ocean Avenue, Marblehead, MA 01945 (US). **KOSCHELLA, James, J.**; 70 Boston Avenue, Somerville, MA 02144 (US).

(74) **SCHAEFER, Ira, J.**; Clifford Chance Rogers & Wells LLP, 200 Park Avenue, New York, NY 10166-0153 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04M 3/42, 11/00, G06F 15/16**

(11) **WO 01/72023** (13) A1

(21) PCT/US01/08673

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/189,964 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD FOR INTERNET SERVICE TOKENS
• SYSTEME ET PROCEDE RELATIFS A DES JETONS POUR SERVICES INTERNET

(71) **DIREKT COMMUNICATIONS LLC** [US/US]; 335 E. 54th Street, Suite 5R, New York, NY 10022 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KLAUSSMANN, Eric, K., III** [US/US]; 335 E. 54th Street, Suite 5R, New York, NY 10022 (US).

(74) **WEILD, David, III.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU

TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04M 3/428**

(11) **WO 01/72024** (13) A1

(21) PCT/CA01/00368

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 2,301,449 **21 Mar/mar 2000** CA **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • WIRELESS TELEPHONE CALL MANAGER
• GESTIONNAIRE D'APPELS TELEPHONIQUES SANS FIL

(71) **INFOINTERACTIVE INCORPORATED** [CA/CA]; 1550 Bedford Highway, Suite 600, Bedford, Nova Scotia B4A 1E6 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MCMULLIN, William, P.** [CA/CA]; 2 Wimbledon Road, Bedford, Nova Scotia B4A 3A1 (CA).

(74) **FEUTLINSKE, Robert, K.** et al. / etc.; Kirby, Eades, Gale, Baker, P.O. Box 3432, Station D, Ottawa, Ontario K1P 6N9 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04M 7/00**

(11) **WO 01/72025** (13) A2

(21) PCT/US01/08572

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/527,915 **17 Mar/mar 2000** US **(17.03.2000)**

(30) 09/527,920 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD, SYSTEM, AND COMPUTER PROGRAM PRODUCT FOR MANAGING ROUTING AND DATABASE SERVERS AND SERVICES
• PROCEDE, SYSTEME ET PRODUIT DE PROGRAMME INFORMATIQUE POUR LA GESTION DE SERVEURS ET SERVICES DE ROUTAGE ET DE BASES DE DONNEES

(71) **ARRAY TELECOM CORPORATION** [US/US]; Herndon Corporate Center, Suite 100, 1145 Herndon Parkway, Herndon, VA 20170 (US).

(72) **SCOTT, Mark**; 43757 Raleigh Place, Ashburn, VA 20147 (US). **WONG, William**; 67 Redstone Road, Richmond Hill, Ontario L4S 1S3 (CA). **CHENG, Anita**; 43757 Raleigh Place, Ashburn, VA 20147 (US). **HO, Simon**; 43757 Raleigh Place, Ashburn, VA 20147 (US). **IRIMESCU, George**; Apartment # 8, 1 Superior Avenue, Etobicoke, Ontario M8V 2M1 (CA). **VOINEAG, Dorel**; Apartment #302, 1505 Wilson Avenue, Toronto, Ontario M3M 1G9 (CA). **YAO, Min**; Apartment #202, 7411 Parkwood Court, Falls Church, VA 22042 (US). **ZADEH, Row, J.**; 1200 Olds Harrods Creek Road, Anchorage, KY 40223 (US).

(74) **SOKOHL, Robert, E.** et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04M 11/00**

(11) **WO 01/72026** (13) A2

(21) PCT/AT01/00084

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) de (26) de

(30) A 483/2000 **22 Mar/mar 2000** AT **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • CIRCUIT FOR SUPPLYING POWER TO A NETWORK TERMINATION UNIT OF A MESSAGE TRANSMISSION SYSTEM
• DISPOSITIF DE COMMUTATION DESTINE A L'ALIMENTATION D'UNE UNITE DE RACCORDEMENT AU RESEAU D'UN SYSTEME DE TRANSFERT D'INFORMATIONS

(71) **ERICSSON AHEAD COMMUNICATIONS SYSTEMS GMBH** [AT/AT]; Pottendorfer Strasse 25-27, A-1120 Wien (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOVARIK, Peter** [AT/AT]; Breitenfurter Strasse 519-521/5/6, A-1230 Wien (AT).

(74) **GIBLER, Ferdinand**; Dorotheergasse 7, A-1010 Wien (AT).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04M 11/00, H04N 7/14**

(11) **WO 01/72027** (13) A1

(21) PCT/US00/27545

(22) **6 Oct/oct 2000 (06.10.2000)**

(25) en (26) en

(30) 09/527,774 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • EMERGENCY FACILITY VIDEO-CONFERENCING SYSTEM
• SYSTEME DE VIDEOCONFERENCE DESTINE A UN SERVICE D'URGENCES

(71) **EMTEL, INC.** [US/US]; Suite 601, 2425 West Loop South, Houston, TX 77027 (US).

(72) **JAMES, Kelvin, C.**; 8020 Braesmain #2001, Houston, TX 77025 (US). **HENDERSON, Michael, D.**; 1911 Silver Bank Court, Houston, TX 77058 (US). **DEGIOANNI, Joseph, J.**; 15011 Coral Sands Drive, Houston, TX 77062 (US).

(74) **BUSH, Gary, L.**; Mayor, Day, Caldwell & Keeton, L.L.P., Suite 1900, 700 Louisiana, Houston, TX 77002-2778 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04N 1/028**

(11) **WO 01/72028** (13) A1

(21) PCT/US01/08475

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,273 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COPLANAR CAMERA SCANNING SYSTEM
• SYSTEME DE BALAYAGE A CAMERA COPLANAIRE

(71) **ACCU-SORT SYSTEMS, INC.** [US/US]; 511 School House Road, Telford, PA 18969-1196 (US).

(72) **CHALEFF, Edward, I.**; 1776 Turk Road, Doylestown, PA 18901 (US). **BROBST,**

Thomas, J.; 416 Cedar Crest Boulevard, Allentown, PA 18101 (US).

(74) **VOLPE, Anthony, S.** et al. / etc.; Volpe and Koenig, P.C., Suite 400, One Penn Center, 1617 John F. Kennedy Boulevard, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04N 1/06**

(11) **WO 01/72029** (13) A1

(21) PCT/DE01/00366

(22) **31 Jan/jan 2001 (31.01.2001)**

(25) de (26) de

(30) 100 14 150.1 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DRUM SCANNER AND METHOD FOR THE SCANNING OF COPY CYLINDERS
• SCANNER A TAMBOUR ET PROCEDE POUR BALAYER DES CYLINDRES A ORIGINAL

(71) **HEIDELBERGER DRUCKMASCHINEN AKTIENGESELLSCHAFT** [DE/DE]; Kurfürsten - Anlage 52-60, 69115 Heidelberg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROTH, Norbert** [DE/DE]; Masurenring 46 c, 24159 Kiel (DE).

(74) **HEIDELBERGER DRUCKMASCHINEN AKTIENGESELLSCHAFT**; Preuss, Dieter, TPT-R4, Siemenswall, 24107 Kiel (DE).

(81) CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04N 1/32**

(11) **WO 01/72030** (13) A2

(21) PCT/EP01/02915

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/531,700 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HIERARCHICAL AUTHENTICATION SYSTEM FOR IMAGES AND VIDEO
• SYSTEME D'AUTHENTIFICATION HIERARCHIQUE POUR IMAGES ET DONNEES VIDEO

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **KRISHNAMACHARI, Santhana**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **SCHMITZ, Herman, J., R.**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04N 1/60, 1/46, G06T 1/00**

(11) **WO 01/72031** (13) A1

(21) PCT/JP01/02211

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000-82924 **23 Mar/mar 2000** JP **(23.03.2000)**

(30) 2000-395088 **26 Dec/déc 2000** JP **(26.12.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COLOR REPRODUCING METHOD, TONING METHOD, APPROVAL METHOD AND SYSTEM BY THE SAME, TONING SERVICE SYSTEM, TONING ORDER ACCEPTANCE METHOD, AND RECORDED MEDIUM
• PROCEDE DE REPRODUCTION DES COULEURS, PROCEDE DE VIRAGE, PROCEDE D'APPROBATION ET SYSTEME EFFECTUE AVEC CE DERNIER, SYSTEME DE SERVICE DE VIRAGE, PROCEDE D'ACCEPTATION DE COMMANDE DE VIRAGE ET SUPPORT D'ENREGISTREMENT

(71) **HEXA CHEMICAL CO., LTD.** [JP/JP]; 153, Yokomakuranishi, Higashiosaka-shi, Osaka 578-0956 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUKUI, Shinya** [JP/JP]; 3-20-1, Midorigaoka, Toyonaka-shi, Osaka 560-0002 (JP). **KAWATA, Mineo** [JP/JP]; c/o Shinko Kasei Co., Ltd., 7-19, Yokozutsumi 5-chome, Tsurumi-ku, Osaka-shi, Osaka 538-0052 (JP). **MATSUI, Shigetoshi** [JP/JP]; c/o Hamasaki Sangyo Co., Ltd., 1479-45, Aza Higashiyama, Nakahata-cho, Nishiwaki-shi, Hyogo 677-0032 (JP). **KUSAKARI, Takamitsu** [JP/JP]; c/o Kawasaki Sanko Kasei Co., Ltd., 4350-9, Oaza Washijuku, Kitsuregawa-machi, Shioya-gun, Tochigi 329-1411 (JP). **NAGASAWA, Tomonori** [JP/JP]; c/o Hexa Chemical Co., Ltd., 9-14, Baraki 1-chome, Ichikawa-shi, Chiba 272-0004 (JP). **KOBAYASHI, Toshiaki** [JP/JP]; c/o Hexa Chemical Co., Ltd., 153, Yokomakuranishi, Higashiosaka-shi, Osaka 578-0956 (JP).

(74) **TAKASHIBA, Tadao** et al. / etc.; OR Building, 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04N 5/21, 5/208**

(11) **WO 01/72032** (13) A1

(21) PCT/EP01/03134

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 00201079.1 **24 Mar/mar 2000** EP **(24.03.2000)**

(30) 00202058.4 **13 Jun/juin 2000** EP **(13.06.2000)**

(30) 01200504.7 **13 Feb/fév 2001** EP **(13.02.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • N-DIMENSIONAL FILTER AND METHOD FOR N-DIMENSIONALLY FILTERING AN ORIGINAL IMAGE PIXEL
• FILTRE PLURIDIMENSIONNEL ET PROCEDE DE FILTRAGE PLURIDIMENSIONNEL D'UN PIXEL D'IMAGE ORIGINAL AU MOYEN DE CE FILTRE

(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) **OJO, Olukayode, A.** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **KWAAITAAL-SPASSOVA, Tatiana, G.** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **BOSMA, Rudolphus, H., A.**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04N 5/222, G02F 1/01**

(11) **WO 01/72033** (13) A1

(21) PCT/US01/05258

(22) **20 Feb/fév 2001 (20.02.2001)**

(25) en (26) en

(30) 09/528,552 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND SYSTEM FOR COMBINING MULTI-SPECTRAL IMAGES
• PROCEDE DE COMBINAISON D'IMAGES MULTISPECTRALES, ET SYSTEME CORRESPONDANT

(71) **LITTON SYSTEMS, INC.** [US/US]; 21240 Burbank Boulevard, Woodland Hills, CA 91367 (US).

(72) **CONNORS, Clifford**; 9611 S. Maple, Tempe, AZ 85284 (US). **IOSUE, Michael**; 9830 South 43rd Place, Phoenix, AZ 85044 (US). **OSTROMEK, Timothy**; c/o Litton Electro-Optical Systems Division, 3414 Hermann Dr., Garland, TX 75041-6188 (US).

(74) **MARSTELLER, Thomas**; Marsteller & Associates, P.C., P.O. Box 803302, Dallas, TX 75380-3302 (US).

(81) IL NO.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04N 5/225, 5/232**

(11) **WO 01/72034** (13) A1

(21) PCT/EP01/02758

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 09/532,820 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HANDS-FREE HOME VIDEO PRODUCTION CAMCORDER
• CAMESCOPE VIDEO MAINS LIBRES A USAGE DOMESTIQUE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **LEE, Mi-Suen**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **SCHOENMAKER, Maarten**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04N 5/45**

(11) **WO 01/72035** (13) A2

(21) PCT/US01/07454

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) en (26) en

(30) 60/190,417 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR SIMULTANEOUS RECORDING AND DISPLAYING TWO DIFFERENT VIDEO PROGRAMS
• PROCEDE ET DISPOSITIF PERMETTANT D'ENREGISTRER ET DE DIFFUSER SIMULTANEMENT DEUX DIFFERENTS PROGRAMMES VIDEO

(71) **THOMSON LICENSING S.A.** [FR/FR]; 6, Quai Alphonse Le Gallo, F-92648 Boulogne Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CARLSGAARD, Eric, Stephen** [US/US]; 5964 Richmond Lane, Indianapolis, IN 46254 (US). **HORLANDER, Thomas, Edward** [US/US]; 6234 Haverford Avenue, Indianapolis, IN 46220 (US).

(74) **TRIPOLI, Joseph, S.** et al. / etc.; Thomson multimedia Licensing Inc., P.O. Box 5312, Princeton, NJ 08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04N 5/45**

(11) **WO 01/72036** (13) A2

(21) PCT/US01/08142

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 60/190,378 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR SIMULTANEOUS RECORDING AND DISPLAYING TWO DIFFERENT VIDEO PROGRAMS
• PROCEDE ET DISPOSITIF POUR ENREGISTREMENT ET AFFICHAGE SIMULTANES DE DEUX PROGRAMMES VIDEO DIFFERENTS

(71) **THOMSON LICENSING S.A.** [FR/FR]; 46, quai Alphonse Le Gallo, F-92648 Boulogne Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CARLSGAARD, Eric, Stephen** [US/US]; 5964 Richmond Lane, Indianapolis, IN 46254 (US). **HORLANDER, Thomas, Edward** [US/US]; 6234 Haverford Avenue, Indianapolis, In 46220 (US).

(74) **TRIPOLI, Joseph, S.** et al. / etc.; Thomson multimedia Licencing Inc., P.O. Box 5312, Princeton, NJ 08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04N 5/74**

(11) **WO 01/72037** (13) A1

(21) PCT/GB01/01209

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 0006709.0 **20 Mar/mar 2000** GB **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • WAVEGUIDE DISPLAY
• AFFICHAGE A GUIDE D'ONDE

(71) **CAMBRIDGE 3D DISPLAY LTD.** [GB/GB]; 26 Faroe Road, London W14 0EP (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TRAVIS, Adrian, Robert, Leigh** [GB/GB]; Wrangaton House, Wrangaton, South Devon TQ10 9HH (GB).

(74) **GIBBS, Christopher, Stephen**; Haseltine Lake & Co., Imperial House, 15-19 Kingsway, London WC2B 6UD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04N 7/00**

(11) **WO 01/72038** (13) A2

(21) PCT/EP01/02909

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 0006678.7 **21 Mar/mar 2000** GB **(21.03.2000)**

(30) 0017977.0 **22 Jul/juil 2000** GB **(22.07.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF, AND MEANS FOR, DELIVERING INFORMATION SERVICES OVER THE AIR
• PROCEDE ET DISPOSITIF DE PRESTATION DE SERVICES D'INFORMATIONS PAR RADIO

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **JONES, Barry**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **SCOTT, Kevin, J.**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04N 7/16**

(11) **WO 01/72039** (13) A1

(21) PCT/US00/16992

(22) **21 Jun/juin 2000 (21.06.2000)**

(25) en (26) en

(30) 09/526,600 **16 Mar/mar 2000** US **(16.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROGRAM GUIDE INFORMATION AND PROCESSOR FOR PROVIDING PROGRAM AND CHANNEL SUBSTITUTION
• INFORMATIONS DE GUIDE DE PROGRAMME ET PROCESSEUR FOURNISSANT LE PROGRAMME ET LA SUBSTITUTION DE CANAL

(71) **THOMSON LICENSING S.A.** [FR/FR]; 46, quai Alphonse Le Gallo, F-92648 Boulogne Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NEWBERRY, Thomas, Patrick** [US/US]; 19145 Tomlinson Road, Westfield, IN 46074 (US). **WANG, Liangzhone** [CN/US]; 13501 Dunes Drive, Carmel, IN 46032 (US). **RUCH, Glen, Wakeman** [US/US]; 7525 Honnen North Drive, Indianapolis, IN 46256 (US). **RHOADS, Steven, Charles** [US/US]; 140 Parkview Road, Carmel, IN 46032 (US).

(74) **TRIPOLI, Joseph, S.** et al. / etc.; Thomson Multimedia Licensing Inc., P.O. Box 5312, Princeton, NJ 08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04N 7/173**

(11) **WO 01/72040** (13) A2

(21) PCT/EP01/02759

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 09/532,845 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD FOR AUTOMATIC CONTENT ENHANCEMENT OF MULTIMEDIA OUTPUT DEVICE
• SYSTEME ET PROCEDE PERMETTANT D'AMELIORER AUTOMATIQUEMENT LE CONTENU D'UN DISPOSITIF DE SORTIE MULTIMEDIA

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **DIMITROVA, Nevenka**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **AGNIHOTRI, Lalitha**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **MCGEE, Thomas, F.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **MANKOVICH, Nicholas, J.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **GRAVENDEEL, Cornelis**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04N 7/173**

(11) **WO 01/72041** (13) A2

(21) PCT/IB01/00680

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,721 **24 Mar/mar 2000** US **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND SYSTEM FOR SUBJECT VIDEO STREAMING
• PROCEDE ET SYSTEME UTILISES POUR LA DIFFUSION DE VIDEO SUBJECTIVE EN CONTINU

(71) **REALITY COMMERCE CORPORATION** [CA/CA]; 5815 Coach Hill Road S.W., Calgary, Alberta T3H 1E3 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AO, Yonghui** [CA/CA]; 8750 Osler Street, #111, Vancouver, British Columbia V6P 4E9 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04N 7/173, 7/16**

(11) **WO 01/72042** (13) A1

(21) PCT/US01/01576

(22) **16 Jan/jan 2001 (16.01.2001)**

(25) en (26) en

(30) 09/532,034 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS TO DETERMINE BROADCAST CONTENT AND SCHEDULING IN A BROADCAST SYSTEM
• PROCEDE ET APPAREIL POUR DETERMINER LE CONTENU DE DIFFUSION ET LA PROGRAMMATION DANS UN SYSTEME DE DIFFUSION

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CONNELLY, Jay, H.** [US/US]; 3148 NW 126th Place, Portland, OR 97229 (US).

(74) **MALLIE, Michael, J.** 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 BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04N 7/18**

(11) **WO 01/72043** (13) A1

(21) PCT/GB01/01192

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 0006894.0 **23 Mar/mar 2000** GB **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TRANSMITTING VIDEO DATA OVER A COMMUNICATIONS NETWORK
• TRANSMISSION DE DONNEES VIDEO SUR UN RESEAU DE TELECOMMUNICATIONS

(71) **LIVE TRANSMISSION LIMITED** [GB/GB]; 7-8 Charlotte Road, London EC2A 3DH (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WOLSTENHOLME, Guy, Alex** [GB/GB]; 33b Shooters Hill Road, London SE3 7AS (GB). **SHARPE, Joseph, Allan** [GB/GB]; 4 Church Grove, London SE13 7UU (GB). **WOLSTENHOLME, Ben, Mark** [GB/GB]; Flat 6, 198 St. Johns Street, London EC1V 4JY (GB). **BULL, James, Maurice** [GB/GB]; Flat 6, 198 St. Johns Street, London EC1V 4JY (GB). **YOUNGER, Tobias, James** [GB/GB]; 11 Vicarage Crescent, London SW11 3LP (GB).

(74) **DUNLOP, Brian, Kenneth, Charles** et al. / etc.; Wynne-Jones, Laine & James, 22 Rodney Road, Cheltenham, Gloucestershire GL50 1JJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declarations / Déclarations :
(t) for all designations / pour toutes les désignations
(u) for / pour US only / seulement

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(51)[7] **H04N 7/24, 7/52, 5/00**

(11) **WO 01/72044** (13) A1

(21) PCT/EP01/03063

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 00400814.0 **23 Mar/mar 2000** EP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A SYSTEM AND A PROCESS FOR RECONSTRUCTING PROGRAMS FROM AN INPUT TRANSPORT STREAM AND A CORRESPONDING DIGITAL RECEIVER
• SYSTEME ET PROCEDE DE RECONSTRUCTION DE PROGRAMMES A PARTIR D'UN FLUX DE TRANSPORT D'ENTREE ET RECEPTEUR NUMERIQUE CORRESPONDANT

(71) **THOMSON MULTIMEDIA** [FR/FR]; 46, quai Alphonse Le Gallo, F-92100 Boulogne-Billancourt (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEYENDECKER, Philippe** [FR/FR]; Thomson Multimedia, 46, quai Alphonse Le Gallo, F-92648 Boulogne (FR). **STEYER, Jeam-Marie** [FR/FR]; Thomson Multimedia, 46, quai Alphonse Le Gallo, F-92648 (FR).

(74) **KERBER, Thierry**; Thomson Multimedia, 46, quai Alphonse Le Gallo, F-92648 Boulogne (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04N 7/26**

(11) **WO 01/72045** (13) A2

(21) PCT/EP01/02818

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 09/533,487 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • MOTION ESTIMATION ALGORITHM
• ALGORITHME D'ESTIMATION DE MOUVEMENT

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **RACKETT, Albert, E.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **GROENENDAAL, Antonius, W., M.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04N 7/30, 7/50**

(11) **WO 01/72046** (13) A1

(21) PCT/EP01/02533

(22) **6 Mar/mar 2001 (06.03.2001)**

(25) en (26) en

(30) 00400780.3 **21 Mar/mar 2000** EP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • VARIABLE BIT RATE VIDEO ENCODING METHOD AND DEVICE
• DISPOSITIF ET PROCEDE DE CODAGE VIDEO A TAUX BINAIRE VARIABLE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **GAUTIER, Pierre**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **LEDRU, Thomas**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **LANDOUSY, Christian**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04N 9/31, G02B 26/00, 7/00**

(11) **WO 01/72047** (13) A1

(21) PCT/EP01/02413

(22) **2 Mar/mar 2001 (02.03.2001)**

(25) en (26) en

(30) 09/531,702 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COLOR PROJECTION SYSTEM INCORPORATING ELECTRO-OPTIC LIGHT MODULATOR AND ROTATING LIGHT-TRANSMISSIVE ELEMENT
• SYSTEME DE PROJECTION COULEUR INCORPORANT UN MODULATEUR DE RAYONNEMENT LUMINEUX ELECTRO-OPTIQUE ET UN ELEMENT TRANSMISSIF TOURNANT

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **BRENNESHOLTZ, Matthew, S.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **BAELE, Ingrid, A., F., M.**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04N 9/31**

(11) **WO 01/72048** (13) A2

(21) PCT/US01/09039

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/535,427 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COLOR VIDEO PROJECTION SYSTEM EMPLOYING REFLECTIVE LIQUID CRYSTAL DISPLAY DEVICES
• SYSTEME DE VIDEOPROJECTION COULEURS UTILISANT DES DISPOSITIFS D'AFFICHAGE A CRISTAUX LIQUIDES REFLEXIFS

(71) **INFOCUS CORPORATION** [US/US]; 27700B SW Parkway Avenue, Willsonville, OR 97070 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STAHL, Kurt** [US/US]; 1107 S Cherry Lane, Lake Oswego, OR 97034 (US). **GOHMAN, Jeffrey, A.** [US/US]; 21525 Ornduff Road, Hillsboro, OR 97123 (US).

(74) **PREISS, Richard, B.**; Stoel Rives LLP, Suite 2600, 900 SW Fifth Avenue, Portland, OR 97204-1268 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04N 9/31**

(11) **WO 01/72049** (13) A2

(21) PCT/US01/09040

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/536,177 **23 Mar/mar 2000** US **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SEGMENTED LIGHT PIPE APPARATUS AND METHOD FOR INCREASING LUMINOUS EFFICIENCY OF SINGLE LIGHT-VALVE, COLOR VIDEO PROJECTION DISPLAYS
• APPAREIL A CONDUCTEUR DE LUMIERE SEGMENTE ET PROCEDE PERMETTANT D'ACCROITRE LE RENDEMENT LUMINEUX D'UN MODULATEUR DE LUMIERE SIMPLE, ECRANS DE PROJECTION COULEUR

(71) **INFOCUS CORPORATION** [US/US]; 27700B SW Parkway Avenue, Willsonville, OR 97070 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SLOBODIN, David, E.** [US/US]; 28 Independence Avenue, Lake Oswego, OR 97035 (US).

(74) **PREISS, Richard, B.**; Stoel Rives LLP, Suite 2600, 900 SW Fifth Avenue, Portland, OR 97204-1268 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04N 9/64, 5/12, 9/45**

(11) **WO 01/72050** (13) A1

(21) PCT/EP01/03190

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) de (26) de

(30) 100 13 933.7 **21 Mar/mar 2000** DE **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND DEVICE FOR GENERATING A CLOCK SIGNAL THAT IS COUPLED TO A REFERENCE SIGNAL

- PROCEDE ET DISPOSITIF DE PRODUCTION D'UN SIGNAL DE RYTHME COUPLE A UN SIGNAL DE REFERENCE

(71) **MICRONAS MUNICH GMBH** [DE/DE]; Balanstrasse 73, 81541 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHOENE, Andreas** [DE/DE]; Berg-am-Laim-Strasse 69, 81673 München (DE). **BEINTKEN, Hartmut** [DE/DE]; Schlierseestrasse 29, 81541 München (DE).

(74) **BICKEL, Michael**; Westphal, Mussgnug & Partner, Mozartstrasse 8, 80336 Muenchen (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04N 9/78, 7/035**

(11) **WO 01/72051** (13) A1

(21) PCT/US00/34680

(22) **21 Dec/déc 2000 (21.12.2000)**

(25) en (26) en

(30) 60/190,206 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- METHOD AND APPARATUS FOR PREVENTING DATA CORRUPTION FROM VIDEO RELATED ENHANCEMENTS
- PROCEDE ET APPAREIL PERMETTANT D'INHIBER L'ALTERATION DE DONNEES A PARTIR D'AMELIORATIONS RELATIVES A LA VIDEO

(71) **THOMSON LICENSING S.A.** [FR/FR]; 46, quai Alphonse Le Gallo, F-92648 Boulogne Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GURLEY, Thomas, David, Gurley** [US/US]; 7043 West Green Springs Road, Indianapolis, IN 46214 (US). **TESTIN, William, John** [US/US]; 6808 Winona Drive, Indianapolis, IN 46236 (US).

(74) **TRIPOLI, Joseph, S.** et al. / etc.; Thomson Multimedia Licensing Inc., P.O. Box 5312, Princeton, NJ 08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04N 13/02, 13/00**

(11) **WO 01/72052** (13) A2

(21) PCT/IB01/00676

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,754 **24 Mar/mar 2000** US **(24.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- METHOD AND APPARATUS FOR PARALLEL MULTI-VIEWPOINT VIDEO CAPTURING AND COMPRESSION
- PROCEDE ET APPAREIL DE CAPTURE ET DE COMPRESSION DE DONNEES VIDEO PARALLELE A POINTS DE VUE MULTIPLES

(71) **REALITY COMMERCE CORPORATION** [CA/CA]; 5815 Coach Hill Road S.W., Calgary, Alberta T3H 1E3 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LIU, Ping** [CA/CA]; 8750 Osler Street #111, Vancouver, British Columbia V6P 4E9 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04N 17/00**

(11) **WO 01/72053** (13) A1

(21) PCT/JP01/02379

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) ja (26) ja

(30) 2000-84029 **24 Mar/mar 2000** JP **(24.03.2000)**

(30) 2000-113322 **14 Apr/avr 2000** JP **(14.04.2000)**

(30) 2000-254807 **25 Aug/août 2000** JP **(25.08.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- COMMERCIAL EFFECT MEASURING SYSTEM, COMMERCIAL SYSTEM, AND APPEALING POWER SENSOR
- SYSTEME DE MESURE D'EFFET COMMERCIAL, SYSTEME COMMERCIAL, ET CAPTEUR DE POUVOIR D'ATTRACTION

(71, 72) **WATANABE, Norio** [JP/JP]; 2104-75, Kouyou-cho, Tokorozawa-shi, Saitama 359-1103 (JP).

(72, 75) **MATSUYAMA, Keisuke** [JP/JP]; 1011-3, Kougasaka, Machida-shi, Tokyo 194-0014 (JP).

(74) **TAKAYA, Satoshi** et al. / etc.; Minami-Shinjuku Bldg., 10-12, Yoyogi 2-chome, Shibuya-ku, Tokyo 151-0053 (JP).

(81) CN ID JP KR SG US VN.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04Q 3/00**

(11) **WO 01/72054** (13) A1

(21) PCT/GB01/00921

(22) **2 Mar/mar 2001 (02.03.2001)**

(25) en (26) en

(30) 00302230.8 **20 Mar/mar 2000** EP **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- COMMUNICATIONS NETWORK
- RESEAU DE COMMUNICATIONS

(71) **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY** [GB/GB]; 81 Newgate Street, London EC1A 7AJ (GB).
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(72, 75) **HUNT, Rowland, Geoffrey** [GB/GB]; 11 South Close, Ipswich, Suffolk IP4 2TH (GB). **WILLIAMSON, Paul** [GB/GB]; 6 Crown Place, Woodbridge, Suffolk IP12 1BU (GB).

(74) **WILSON, Peter, David**; BT Group Legal Services, Intellectual Property Dept., Holborn Centre 8th floor, 120 Holborn, London EC1N 2TE (GB).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04Q 3/00**

(11) **WO 01/72055** (13) A2

(21) PCT/US01/09195

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,278 **22 Mar/mar 2000** US **(22.03.2000)**

(30) 09/627,253 **28 Jul/juil 2000** US **(28.07.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- PRESENCE REGISTRATION AND ROUTING NODE
- NOEUD D'ENREGISTREMENT DE PRESENCE ET DE ROUTAGE

(71) **TEKELEC** [US/US]; 26580 West Agoura Road, Calabasas, CA 91302 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MASON, John, R.** [US/US]; 2021 Julian Lane, Clayton, NC 27520 (US). **MARSICO, Peter, Joseph** [US/US]; 201 Westbrook Drive #D15, Carrboro, NC 27510 (US).

(74) **JENKINS, Richard, E.**; Jenkins & Wilson, P.A., University Tower, Suite 1400, 3100 Tower Boulevard, Durham, NC 27707 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)[7] **H04Q 7/00**

(11) **WO 01/72056** (13) A2

(21) PCT/DE01/01005

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) de (26) de

(30) 100 13 798.9 **20 Mar/mar 2000 (20.03.2000)** DE

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR MONITORING THE TRANSMISSION QUALITY IN A CELLULAR RADIO COMMUNICATIONS SYSTEM
• PROCEDE DE SURVEILLANCE DE LA QUALITE DE TRANSMISSION DANS UN SYSTEME DE COMMUNICATION RADIO CELLULAIRE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OESTREICH, Stefan** [DE/DE]; Austrasse 18, 83607 Holzkirchen (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04Q 7/00**

(11) **WO 01/72057** (13) A2

(21) PCT/SE01/00552

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/190,097 **20 Mar/mar 2000 (20.03.2000)** US

(30) 60/191,499 **23 Mar/mar 2000 (23.03.2000)** US

(30) 09/801,869 **9 Mar/mar 2001 (09.03.2001)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TRANSPORT OF RADIO NETWORK-ORIGINATED CONTROL INFORMATION
• TRANSPORT D'INFORMATIONS DE CONTROLE ORIGINAIRES D'UN RESEAU RADIO

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).

(72) **RUNE, Göran**; Sandgårdsgatan 5A, S-582 52 Linköping (SE). **WILLARS, Per**; Rindögatan 19, S-115 36 Stockholm (SE). **VAN LIESHOUT, Gert-Jan**; Soerenseweg 40, NL-7314 CG Apeldoorn (NL).

(74) **MAGNUSSON, Monica**; Ericsson Radio Systems AB, Patent Unit Radio Access, S-164 80 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04Q 7/00**

(11) **WO 01/72058** (13) A2

(21) PCT/US01/08999

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,619 **20 Mar/mar 2000 (20.03.2000)** US

(30) 09/550,955 **17 Apr/avr 2000 (17.04.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND SYSTEM OF MEASURING DATA QUALITY OF SERVICE ON A WIRELESS NETWORK USING MULTIPLE REMOTE UNITS AND A BACK END PROCESSOR
• PROCEDE ET SYSTEME PERMETTANT DE MESURER LA QUALITE DES DONNEES DE SERVICES SUR UN RESEAU SANS FIL AU MOYEN D'UNITES DISTANTES MULTIPLES ET D'UN PROCESSEUR DORSAL

(71) **INVERTIX CORPORATION** [US/US]; Suite 500, 7630 Little River Turnpike, Annandale, VA 22003 (US).

(72) **XANTHOS, James**; 10673 Glen Hannah Drive, Laurel, MD 20723 (US). **MCDOWELL, Mark**; 5008 John Ticer Drive, Alexandria, VA 22304 (US). **STEAD, Graham**; 124 B North Bedford Street, Arlington, VA 22201 (US). **KHALIL, Joseph**; Apartment 155, 3305 Wyndham Circle, Alexandria, VA 22302 (US). **HELINSKI, David**; 5709 North 15th Road, Arlington, VA 22205 (US). **KITCHELL, Joseph**; 5413 Sourgum Drive, Centreville, VA 20120 (US).

(74) **ROBERTS, Jon, L.** et al. / etc.; Roberts Abokhair and Mardula, LLC, Suite 1000, 11800 Sunrise Valley Drive, Reston, VA 20191 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04Q 7/20**

(11) **WO 01/72059** (13) A1

(21) PCT/US01/08366

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/528,203 **17 Mar/mar 2000 (17.03.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • SYSTEM AND METHOD FOR OPTIMALLY SELECTING GUARD BANDS IN A DUAL MODE NETWORK
• SYSTEME ET PROCEDE PERMETTANT LA SELECTION OPTIMALE DE BANDES DE GARDE DANS UN RESEAU BIMODAL

(71) **VERIZON LABORATORIES INC.** [US/US]; 600 Hidden Ridge Drive, Irving, TX 75038 (US).

(72) **GANESH, Rajamani**; 9 Bonair Avenue, Bedford, MA 01730 (US).

(74) **SUCHYTA, Leonard, C.**; c/o Christian R. Andersen, 600 Hidden Ridge Drive, Mailcode HQE03H01, Irving, TX 75038 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04Q 7/20**

(11) **WO 01/72060** (13) A1

(21) PCT/US01/09253

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/532,418 **22 Mar/mar 2000 (22.03.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LOCATION DETERMINATION USING RF FINGERPRINTING
• DETERMINATION D'EMPLACEMENT AU MOYEN D'EMPREINTES RF

(71) **PPM, INC.** [US/US]; 26721 Taaffe Road, Los Altos Hills, CA 94022 (US).

(72) **PEREZ-BREVA, Luis**; General Mitre, 141 2 1, E-08022 Barcelona (ES). **CHONG, Chee-Yee**; 945 Eastwood Place, Los Altos, CA 94024 (US). **DRESSLER, Robert, M.**; 14100 Donelson Place, Los Altos Hills, CA 94022 (US). **RAO, Padmanabha, R.**; 1031 Sandalwood Lane, Milpitas, CA 95035 (US). **SICCARDO, Paolo**; 22261 Ainsworth Drive, Los Altos, CA 94024 (US). **SPAIN, David, S.**; 4760 Alpine Road, Portola Valley, CA 94028 (US).

(74) **SLONE, David, N.** 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA

(BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04Q 7/22**

(11) **WO 01/72061** (13) A1

(21) PCT/DE01/01139

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) de (26) de

(30) 100 14 396.2 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR ALLOCATING RESOURCES IN A RADIO COMMUNICATIONS SYSTEM
• PROCEDE DE DISTRIBUTION DES RESSOURCES DANS UN SYSTEME DE RADIOCOMMUNICATION

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TRAYNARD, Jean-Michel** [DE/DE]; Spicherenstr.14, 81667 München (DE). **MENZEL, Christian** [DE/DE]; Edelweisstr.36, 82216 Maisach (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04Q 7/22, H04L 12/28, 29/06, 12/56**

(11) **WO 01/72062** (13) A1

(21) PCT/GB01/01237

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0006678.7 **21 Mar/mar 2000** GB **(21.03.2000)**

(30) 0017818.6 **21 Jul/juil 2000** GB **(21.07.2000)**

(30) 0018207.1 **26 Jul/juil 2000** GB **(26.07.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND SYSTEM FOR DELIVERING INFORMATION SERVICES
• PROCEDE ET SYSTEME POUR FOURNIR DES SERVICES D'INFORMATIONS

(71) **MAGIC4 LIMITED** [GB/GB]; Chadwick House, Birchwood Park, Warrington, Cheshire WA3 6AE (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JONES, Barry** [GB/GB]; 33 Henmark Close, Callands, Warrington, Cheshire WA5 5TG (GB).

(74) **HACKNEY, Nigel, J.** et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, London, Greater London WC2B 6HP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04Q 7/22, G06F 17/60**

(11) **WO 01/72063** (13) A1

(21) PCT/HU01/00031

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) P 0001207 **23 Mar/mar 2000** HU **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD FOR ASSEMBLING TEXT MESSAGES
• PROCÉDÉ D'ASSEMBLAGE DE MESSAGES TEXTUELS

(71, 72) **CSÁKY, Zsigmond** [HU/HU]; Báthori László u. 5, H-1029 Budapest (HU).

(74) **RÓNASZÉKI, Tibor**; Victor Hugo u. 6-8, H-1132 Budapest (HU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04Q 7/24, 7/38**

(11) **WO 01/72064** (13) A1

(21) PCT/KR01/00413

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) ko (26) en

(30) 2000-14109 **20 Mar/mar 2000** KR **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • GAME PROGRAM DOWNLOADING SYSTEM AND METHOD FOR MOBILE TERMINAL
• SYSTEME DE TELECHARGEMENT DE PROGRAMME DE JEUX ET PROCEDE POUR TERMINAL MOBILE

(71) **MOBILETOP., LTD.** [KR/KR]; Younghan Building 1475-8, Seocho 3-dong, Seocho-ku, Seoul 137-868 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIM, Hee-Seok** [KR/KR]; 3F, 1279-11, Backseok-dong, Ilsan-ku, Goyang-city 411-816 (KR).

(74) **KIM, Won-Ho**; Teheran Bldg., 825-33, Yoksam-dong, Kangnam-Ku, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04Q 7/30, 7/24**

(11) **WO 01/72065** (13) A1

(21) PCT/EP00/11498

(22) **18 Nov/nov 2000 (18.11.2000)**

(25) en (26) en

(30) 00106112.6 **21 Mar/mar 2000** EP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND DEVICES FOR A CELLULAR COMMUNICATION NETWORK
• PROCEDES ET DISPOSITIFS POUR UN RESEAU DE COMMUNICATION CELLULAIRE

(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) **HAMELEERS, Heino** [NL/NL]; Loysonstr. 8, NL-6471 VN Kerkrade (NL). **HUNDSCHEIDT, Frank** [NL/NL]; Spiesstraat 63, NL-6463 BK Kerkrade (NL). **KAIBEL, Martin** [DE/DE]; Luisenstrasse 20/22, 52070 Aachen (DE). **KAIBEL, Kathrin** [DE/DE]; Luisenstrasse 20/22, 52070 Aachen (DE). **KELLER, Ralf** [DE/DE]; Talblick 22, 52144 Wuerselen (DE). **LOHMAR, Thorsten** [DE/DE]; Hirschgraben 9-11, 52062 Aachen (DE).

(74) **MOHSLER, Gabriele**; Ericsson Eurolab Deutschland GmbH, Ericsson Allee 1, 52134 Herzogenrath (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04Q 7/32**

(11) **WO 01/72066** (13) A1

(21) PCT/JP01/02176

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) ja (26) ja

(30) 2000-83203 **21 Mar/mar 2000** JP **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • INSTALLATION SYSTEM AND METHOD FOR CELLULAR TERMINAL SEPARATION TYPE SATELLITE COMMUNICATION PORTABLE TERMINAL
• SYSTEME ET PROCEDE D'INSTALLATION POUR UN TERMINAL CELLULAIRE PORTABLE DE COMMUNICATION PAR SATELLITE, DE TYPE A SEPARATION

(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) **SOEJIMA, Masakazu** [JP/JP]; c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). **HANDA, Kazunori** [JP/JP]; c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). **FUJIMOTO, Yoshinori** [JP/JP]; c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). **NAKATA, Hiroya** [JP/JP]; c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). **YOSHIDA, Kyoko** [JP/JP]; c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).

(74) **YAMAKAWA, Masaki**; c/o Yamakawa International Patent Office, 8th Floor, Shuwa-Tameike Building, 4-2, Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-0014 (JP).

(81) AU CA CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04Q 7/32**

(11) **WO 01/72067** (13) A1

(21) PCT/US00/13288

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 09/531,367 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • VOICEBAND MODEM FOR DATA COMMUNICATIONS OVER DIGITAL WIRELESS NETWORKS
• MODEM EN BANDE DE CONVERSATION POUR LA COMMUNICATION DE DONNEES SUR DES RESEAUX NUMERIQUES SANS FIL

(71) **AIRBIQUITY INC.** [US/US]; 1001 Hildebrand Lane Ne, Suite 200, Bainbridge Island, WA 98110 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **PRESTON, Dan, A.** [US/US]; 11621 Meadowmeer Circle Ne, Bainbridge Island, WA 98110 (US). **PRESTON, Joseph** [US/US]; 12661 Sunrise Drive Ne, Bainbridge Island, WA 98110 (US). **LEYENDECKER, Robert** [US/US]; 17223 Baker Street Sw, Aloha, OR 97007 (US). **EATHERLY, Wayne** [US/US]; 7509 86th Street E, Puyallup, WA 98371 (US). **POCTOR, Rod, L.** [US/US]; 1446 Madrona Drive, Seattle, WA 98122 (US).

(74) **FERRIS, Kassim, M.**; Stoel Rives LLP, 900 SW Fifth Avenue, Suite 2600, Portland, OR 97204-1268 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04Q 7/32**

(11) **WO 01/72068** (13) A1

(21) PCT/US01/08977

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/533,277 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR REGISTERING THE ELECTRONIC LOCATION OF A MOBILE CELLULAR COMMUNICATIONS DEVICE
• PROCEDE ET APPAREIL DESTINES A ENREGISTRER L'EMPLACEMENT ELECTRONIQUE D'UN DISPOSITIF DE COMMUNICATIONS CELLULAIRES MOBILE

(71) **CELLEMETRY, LLC.** [US/US]; 1600 Parkwood Circle, 2nd Floor, Atlanta, GA 30339-3769 (US).

(72) **COMER, Edward, I.**; 4688 Amberwood Trail, Marietta, GA 30067 (US). **BRITAIN, David, J.**; 1280 Oakhaven Drive, Roswell, GA 30075 (US). **EVANS, Thomas, F.**; 2079 Mountain Creek Road, Stone Mountain, GA 30087 (US).

(74) **FROST, Roger, T.**; Kilpatrick Stockton LLP, 2400 Monarch Tower, 3424 Peachtree Road, Atlanta, GA 30326 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04Q 7/34, H04L 12/26**

(11) **WO 01/72069** (13) A1

(21) PCT/SE01/00614

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0000967-0 **22 Mar/mar 2000** SE **(22.03.2000)**

(30) 0100884-6 **14 Mar/mar 2001** SE **(14.03.2001)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • AN APPARATUS AND A METHOD FOR PROVIDING OPERATIONAL STATUS INFORMATION BETWEEN SUBSCRIBERS IN A TELECOMMUNICATIONS NETWORK
• APPAREIL ET PROCEDE DESTINES A FOURNIR UNE INFORMATION D'ETAT OPERATIONNEL ENTRE DES ABONNES DANS UN RESEAU DE TELECOMMUNICATIONS

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).

(72) **RIGNELL, Mårten**; Skvaltvägen 4, S-240 10 Dalby (SE). **MINÖR, Sten**; Vallmovägen 12, S-227 38 Lund (SE).

(74) **STRÖM, Tore** et al. / etc.; Ström & Gulliksson AB, P.O. Box 4188, S-203 13 Malmö (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04Q 7/36, H04L 27/18, H04J 13/04**

(11) **WO 01/72070** (13) A1

(21) PCT/JP01/02113

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) ja (26) ja

(30) 00400767.0 **20 Mar/mar 2000** EP **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TRANSMISSION METHOD OF WORDS REPRESENTING TRANSMISSION PARAMETERS RESPECTIVELY ALLOCATED TO MOBILE STATIONS COMMUNICATING WITH BASE STATION IN MOBILE COMMUNICATION SYSTEM
• PROCEDE DE TRANSMISSION DE MOTS REPRESENTANT DES PARAMETRES DE TRANSMISSION RESPECTIVEMENT ATTRIBUES A DES STATIONS MOBILES EN COMMUNICATION AVEC UNE STATION DE BASE DANS UN SYSTEME DE COMMUNICATION MOBILE

(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) **JECHOUX, Bruno** [FR/FR]; 80, avenue des Buttes de Coesmes, F-35700 Rennes (FR). **RUDOLF, Marian** [DE/FR]; 80, avenue des Buttes de Coesmes, F-35700 Rennes (FR).

(74) **SOGA, Michiteru** et al. / etc.; S. Soga & Co., 8th Floor, Kokusai Building, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04Q 7/36**

(11) **WO 01/72071** (13) A1

(21) PCT/RU00/00095

(22) **21 Mar/mar 2000 (21.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF DEFINING NETWORK CELLS IN A COMMUNICATIONS NETWORK
• PROCEDE POUR DEFINIR LES CELLULES DE RESEAU DANS UN RESEAU DE COMMUNICATION

(71) **MOTOROLA INC.** [US/US]; 1301 E. Algonquin Road, Schaumburg, IL 60196 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VISHNEVSKY, Evgeny Petrovich** [RU/RU]; Obuchovsky Ob. pr., 107-51, St.Petersburg, 193029 (RU). **ANIKONOV, Alexandr Sergeevich** [RU/RU]; pr. Kosygina, 30-2-84, St.Petersburg, 195298 (RU). **MASLOV, Vladimir Grigorievich** [RU/RU]; Bolshoi pr., 31-76, St.Petersburg, 197198 (RU). **USHAKOV, Konstantin, Jurievich** [RU/RU]; Oktyabrskaya Emb., 70-1-47, St.Petersburg, 193079 (RU). **VISHNEVSKY, Stanislav, Evgenievich** [RU/RU]; Obuchovsky Ob. pr., 107-51, St.Petersburg, 193029 (RU).

(74) **RYBAKOV, Vladimir, M.** et al. / etc.; Agency of Patent Attorneys "ARS-PATENT", Shvedsky per., 2-314, a/ya 230, St.Petersburg, 191186 (RU).

(81) JP US.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **H04Q 7/36**

(11) **WO 01/72072** (13) A1

(21) PCT/RU00/00096

(22) **21 Mar/mar 2000 (21.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD OF CELLULAR NETWORK PLANNING AND COMMUNICATION SYSTEM THEREFOR
• PROCÉDÉ DE PLANIFICATION D'UN RÉSEAU CELLULAIRE ET SYSTÈME DE COMMUNICATION CORRESPONDANT

(71) **MOTOROLA INC.** [US/US]; 1301 E. Algonquin Road, Schaumburg, IL 60196 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VISHNEVSKY, Evgeny Petrovich** [RU/RU]; Obuchovsky Ob. pr., 107-51, St. Petersburg, 193029 (RU). **ABIKONOV, Alexandr Sergeevich** [RU/RU]; Kosygyna pr. 30-2-84, St. Petersburg, 195298 (RU). **MASLOV, Vladimir Grigorievich** [RU/RU]; Bolshoi pr. 31-76, St. Petersburg, 197198 (RU). **USHAKOV, Konstantin, Jurievich** [RU/RU]; Oktyabrkaya Emb., 70-1-47, St. Petersburg, 193079 (RU). **VISHNEVSKY, Stanislav Evgenevich** [RU/RU]; Obuchovsky Ob. pr., 107-51, St. Petersburg, 193029 (RU).

(74) **RYBAKOV, Vladimr M.** et al. / etc.; ARS-Patent, Shvedsky per. 2, of 314, P.O.B. 230, Sankt Petersburg, 191186 (RU).

(81) JP US.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **H04Q 7/36**

(11) **WO 01/72073** (13) A1

(21) PCT/US01/06561

(22) **1 Mar/mar 2001 (01.03.2001)**

(25) en (26) en

(30) 60/189,764 **16 Mar/mar 2000** US **(16.03.2000)**

(30) 09/625,289 **25 Jul/juil 2000** US **(25.07.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • A CONGESTION AVOIDANCE APPROACH FOR A SWITCHING COMMUNICATION SYSTEM WITH TRANSMISSION CONSTRAINTS
• APPROCHE D'ELIMINATION D'ENCOMBREMENT DESTINEE A UN SYSTEME DE COMMUNICATION PAR COMMUTATION A CONTRAINTES DE TRANSMISSION

(71) **HUGHES ELECTRONICS CORPORATION** [US/US]; 200 North Sepulveda Boulevard, El Segundo, CA 90245 (US).

(72) **GAO, Zhengping**; 13908 Salconcrest Road, Germantown, MD 20874 (US). **SU, Chi-Jiun**; 7712 Eagleshead Court, Derwood, MD 20855 (US). **DEMERS, Stephanie**; 308 Westgate Drive, Edison, NJ 08820 (US).

(74) **PLASTRIK, Craig, L.** et al. / etc.; Hughes Electronics Corporation, Building 001, MS A109, P.O. Box 956, El Segundo, CA 90245 (US).

(81) AU BR CA IL MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04Q 7/38**

(11) **WO 01/72074** (13) A1

(21) PCT/EP01/01818

(22) **19 Feb/fév 2001 (19.02.2001)**

(25) en (26) en

(30) 0006666.2 **21 Mar/mar 2000** GB **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TRANSMISSION OF CALL DETAIL RECORDS IN A TELECOMMUNICATIONS SYSTEM
• TRANSMISSION D'ENREGISTREMENTS DETAILLES DES APPELS DANS UN SYSTEME DE TELECOMMUNICATION

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).

(72) **AHLBÄCK, Hans, Christian**; Tähkäpolku 2 B 38, FIN-20720 Turku (FI). **HAKALA, Harri, Tapani**; Rossinkatu 2 F 7, FIN-20380 Turku (FI). **HOVI, Mika, Vaino, Oskari**; Tilentekijankatu 8-10 E 57, FIN-20810 Turku (FI).

(74) **LIND, Robert**; 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04Q 7/38, H04L 9/12**

(11) **WO 01/72075** (13) A1

(21) PCT/EP01/02646

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) en (26) en

(30) 0006668.8 **21 Mar/mar 2000** GB **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ENCRYPTING AND DECRYPTING
• CHIFFREMENT ET DECHIFFREMENT

(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) **SILEN, Lars** [FI/FI]; Mankholmsvagen 3, FIN-2380 Esbo (FI).

(74) **LIND, Robert**; 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA

(BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04Q 7/38**

(11) **WO 01/72076** (13) A1

(21) PCT/FI01/00275

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 20000662 **21 Mar/mar 2000** FI **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HANDOVER IN A MULTI-BEARER-TYPE NETWORK
• TRANSFERT INTERCELLULAIRE DANS UN RESEAU DU TYPE A PORTEUSES MULTIPLES

(71) **NOKIA OYJ** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **XU, Lin** [CN/FI]; Vilppulanpolku 4 A 1, FIN-33720 Tampere (FI). **PAILA, Toni** [FI/FI]; Everstinkuja 1 C 66, FIN-02600 Espoo (FI).

(74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. BOX 148, FIN-00121 Helsinki (FI).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04Q 7/38**

(11) **WO 01/72077** (13) A1

(21) PCT/FI01/00282

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 20000675 **22 Mar/mar 2000** FI **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • IMPROVED METHOD AND ARRANGEMENT FOR CONTROLLING CELL CHANGE AND A TERMINAL OF A CELLULAR SYSTEM
• PROCEDE ET AGENCEMENT AMELIORES DE COMMANDE DU CHANGEMENT DE CELLULE ET D'UN TERMINAL D'UN SYSTEME CELLULAIRE

(71) **NOKIA MOBILE PHONES LTD.** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DALSGAARD, Lars** [DK/FI]; Torpantie 56, FIN-90230 Oulu (FI).

(74) **OULUN PATENTTITOIMISTO BERGGREN OY AB**; Teknologiantie 14 D, FIN-90570 Oulu (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04Q 7/38, G08G 1/127**

(11) **WO 01/72078** (13) A1

(21) PCT/FI01/00285

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) fi (26) en

(30) 20000672 **22 Mar/mar 2000** FI **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ORDERING OF VEHICLE, SUCH AS TAXI, OR CAR POOL
• COMMANDE DE VEHICULE, TEL QU'UN TAXI OU UNE VOITURE DE LOCATION

(71, 72) **ALINEN, Henri** [FI/FI]; Kaarinankatu 2a C 62, FIN-20500 Turku (FI).

(74) **TURUN PATENTTITOIMISTO OY**; PL 99, FIN-20521 Turku (FI).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04Q 7/38**

(11) **WO 01/72079** (13) A1

(21) PCT/FR00/00731

(22) **23 Mar/mar 2000 (23.03.2000)**

(25) fr (26) fr

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • RADIOELECTRIC PROTECTION METHOD FOR A ZONE AGAINST THE USE OF MOBILE TELEPHONES
• PROCEDE DE PROTECTION RADIOELECTRIQUE D'UNE ZONE CONTRE L'USAGE DE TELEPHONES MOBILES

(71) **ALCATEL** [FR/FR]; 54, rue la Boétie, F-75008 Paris (FR).
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(72, 75) **PINAULT, Francis** [FR/FR]; 72, rue du Général Leclerc, F-92270 Bois-Colombes (FR). **ROUSSEAU, Didier** [FR/FR]; 1, rue François Villon, F-95000 Cergy (FR). **BRANDON, Alexandre** [FR/FR]; 18, place de la Liberté, F-92250 La Garenne Colombes (FR).

(74) **CROONENBROEK, Thomas** et al. / etc.; Compagnie Financière Alcatel, Dépt. Propriété Industrielle, 30, avenue Kléber, F-75116 Paris (FR).

(81) AU CN HU JP US.

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(51)[7] **H04Q 7/38**

(11) **WO 01/72080** (13) A1

(21) PCT/IT00/00101

(22) **23 Mar/mar 2000 (23.03.2000)**

(25) en (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • ACCESS CHANNEL SCHEDULING IN A RADIO COMMUNICATION SYSTEM
• PROGRAMMATION DE CANAL D'ACCES DANS UN SYSTEME DE RADIOCOMMUNICATION

(71) **SIEMENS INFORMATION AND COMMUNICATION NETWORKS S.P.A.** [IT/IT]; Viale Piero e Alberto Pirelli, 10, I-20126 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DE BENEDITTIS, Rossella** [IT/IT]; Via delle Margherite, 9, I-20020 Barbaiana di Lainate (IT). **PIANA, Fabio, Domenico** [IT/IT]; Via Pazienza, 20, I-20081 Abbiategrasso (IT).

(74) **GIUSTINI, Delio**; Siemens Information and Communication Networks S.P.A., Cascina Castelletto, I-20019 Settimo Milanese (IT).

(81) CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **H04Q 7/38**

(11) **WO 01/72081** (13) A1

(21) PCT/IT00/00102

(22) **23 Mar/mar 2000 (23.03.2000)**

(25) it (26) en

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HANDOVER PROCEDURES IN A RADIO COMMUNICATION SYSTEM
• PROCEDURES DE TRANSFERT DANS UN SYSTEME DE RADIOCOMMUNICATION

(71) **SIEMENS INFORMATION AND COMMUNICATION NETWORKS S.P.A.** [IT/IT]; Viale Piero e Alberto Pirelli, 10, I-20126 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DE BENEDITTIS, Rossella** [IT/IT]; Via delle Margherite, 9, I-20020 Barbaiana di Lainate (IT). **PIANA, Fabio, Domenico** [IT/IT]; Via Pazienza, 20, I-20081 Abbiategrasso (IT).

(74) **GIUSTINI, Delio**; Siemens Information and Communication Networks S.p.A., Cascina Castelletto, I-20019 Settimo Milanese (IT).

(81) CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[7] **H04Q 11/04**

(11) **WO 01/72082** (13) A1

(21) PCT/EP01/03054

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 00830219.2 **23 Mar/mar 2000 (23.03.2000)** EP

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TELECOMMUNICATION PROCESS AND SYSTEM HANDLING DATA ORGANIZED IN CELLS OF VARIABLE LENGTH
• PROCEDE ET SYSTEME DE TELECOMMUNICATION POUR MANIPULER DES DONNEES ORGANISEES EN CELLULES DE LONGUEUR VARIABLE

(71) **SIEMENS INFORMATION AND COMMUNICATION NETWORKS S.P.A.** [IT/IT]; Viale Piero e Alberto Pirelli, 10, I-20126 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RIGOLIO, Giancarlo** [IT/IT]; Via Mons. A. Macchi, 4, I-21013 Gallarate (IT). **MORGANTI, Michele** [IT/IT]; Via A. Tantardini, 62, I-20136 Milano (IT). **GALLASSI, Giorgio** [IT/IT]; Via Cascina Croce, 225, I-20010 Cornaredo (IT).

(74) **GIUSTINI, Delio**; Siemens Information and Communication Networks S.P.A., Cascina Castelletto, I-20019 Settimo Milanese (IT).

(81) CA CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H04Q 11/04**

(11) **WO 01/72083** (13) A2

(21) PCT/US01/09499

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,656 **23 Mar/mar 2000 (23.03.2000)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • GLOBAL NETWORK INFRASTRUCTURE
• INFRASTRUCTURE DE RESEAU GLOBAL

(63) US 60/191,656 (CON) 23 Mar/mar 2000 (23.03.2000)

(71) **GENUITY INC.** [US/US]; 3 Van de Graaff Drive, P.O. Box 3073, Burlington, MA 01803 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIR, Majid** [US/US]; 303 Andre Drive, Irving, TX 75039 (US).

(74) **FEIGENBAUM, David, L.**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04R 1/00**

(11) **WO 01/72084** (13) A2

(21) PCT/GB01/01184

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 0006466.7 **18 Mar/mar 2000 (18.03.2000)** GB

(30) 0006470.9 **18 Mar/mar 2000 (18.03.2000)** GB

(30) 0006471.7 **18 Mar/mar 2000 (18.03.2000)** GB

(30) 0101639.3 **23 Jan/jan 2001 (23.01.2001)** GB

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DUAL MODE AUDIO DEVICE
• DISPOSITIF AUDIO A DEUX MODES

(71) **NEWLANDS TECHNOLOGY LIMITED** [GB/GB]; Unit 3E, Newlands Science Park, Inglemire Lane, Hull HU6 7TQ (GB). **PDD LIMITED** [GB/GB]; 87 Richford Street, London W6 7HJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GREENOUGH, Rodney, David** [GB/GB]; The Dell, 34 Church Lane, Bonby, North Lincolnshire DN20 0PS (GB). **PLANT, Colin, Edward** [GB/GB]; Meadowsweet Cottage, Hambledon Road, Denmead, Hampshire P07 6AQ (GB). **METHERINGHAM, William, John** [GB/GB]; Carr Farm, Hilston Road, Roos, East Yorkshire HU12 0JB (GB). **ASTON, Martin, Geoffrey** [GB/GB]; 4 Pasture Close, Market Weighton, East Yorkshire YO43 3QQ (GB). **JENNER, Alan, Gordon, Ian** [GB/GB]; 32 Westgate, North Cave, Brough HU15 2NJ (GB). **WILKINSON, Anthony, James** [GB/GB]; Alphaschloss, Station Road, Shiptonthorpe, York YO43 3PB (GB). **JOHNSON, David, Anthony** [GB/GB]; 2 Main Street, Kilnwick, Nr Driffield YO25 9JD (GB). **SMITH, Brian, Douglas** [GB/GB]; 15 Fairlawn Avenue, Chiswick, London W4 5EF (GB). **MUNNS, Neil** [GB/GB]; 161 Ella Street, Kingston upon Hull, East Yorkshire HU5 3AT (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 BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04R 1/40**

(11) **WO 01/72085** (13) A2

(21) PCT/US01/09167

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,579 **20 Mar/mar 2000 (20.03.2000)** US

(30) 09/788,271 **16 Feb/fév 2001 (16.02.2001)** US

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DIRECTIONAL PROCESSING FOR MULTI-MICROPHONE SYSTEM
• TRAITEMENT DIRECTIONNEL POUR SYSTEME A PLUSIEURS MICROPHONES

(71) **AUDIA TECHNOLOGY, INC.** [US/US]; 21060 Homestead Road, Suite 200, Cupertino, CA 95014 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOU, Zezhang** [US/US]; 852 Bette Avenue, Cupertino, CA 95014 (US).

(74) **THOMAS, C., Douglass**; Beyer Weaver & Thomas, LLP, P.O. Box 778, Berkeley, CA 94704-0778 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H04R 7/06**

(11) **WO 01/72086** (13) A2

(21) PCT/GB01/01185

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 0007025.0 **23 Mar/mar 2000 (23.03.2000)** GB

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • LOUDSPEAKERS
• HAUT-PARLEURS

(71) **NEW TRANSDUCERS LIMITED** [GB/GB]; 37 Ixworth Place, London SW3 3QH (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BREAM, Charles** [GB/GB]; 41 Whitehall Gardens, Duxford, Cambridgeshire CB2 4QL (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H05B 3/74**

(11) **WO 01/72087** (13) A1

(21) PCT/EP01/01678

(22) **15 Feb/fév 2001 (15.02.2001)**

(25) de (26) de

(30) 100 14 373.3 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • COOK-TOP
• PLAQUE DE CUISSON

(71) **SCHOTT GLAS** [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE).
(only for / seulement pour AT BE CH CY DE DK ES FI FR GR IT LU MC NL PL PT SE TR)

(71) **CARL-ZEISS-STIFTUNG trading as SCHOTT GLAS** [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE).
(only for / seulement pour AU GB IE NZ)

(71) **CARL-ZEISS-STIFTUNG** [DE/DE]; 91719 Heidenheim (DE).
(only for / seulement pour JP)

(72, 75) **KRAUSE, Cora** [DE/DE]; Spanierstrasse 58, 76879 Essingen (DE). **COTLEAR DE WITZMANN, Monica** [DE/DE]; Sommer-Winter-Hohl 24, 55268 Nieder-Olm (DE). **PETTO, Daniela** [DE/DE]; Frankfurter Strasse 19, 55252 Mainz (DE). **SCHULTHEIS, Bernd** [DE/DE]; Silvanerweg 2, 55270 Schwabenheim (DE). **BOOSS, Claudia** [DE/DE]; Am Hofacker 27 A, 67806 Katzenbach (DE). **SAAR, Ella** [DE/DE]; An der Plantage 38, 55120 Mainz-Mombach (DE).

(74) **FUCHS, Jürgen, H.** et al. / etc.; Abraham-Lincoln-Strasse 7, 65189 Wiesbaden (DE).

(81) AU CA JP NZ PL US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H05B 3/74, G01K 1/20**

(11) **WO 01/72088** (13) A1

(21) PCT/GB01/01051

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) en (26) en

(30) 0006898.1 **23 Mar/mar 2000** GB **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TEMPERATURE SENSOR
• CAPTEUR DE TEMPERATURE

(71) **CERAMASPEED LIMITED** [GB/GB]; Zortech Avenue, Oldington, Kidderminster, Worcestershire DY11 7DY (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MCWILLIAMS, Kevin, Ronald** [GB/GB]; 12 Broad Walk, Stratford upon Avon, Warwickshire CV37 6HS (GB).

(74) **JACKSON, Derek, Charles**; Derek Jackson Associates, The Old Yard, Lower Town, Claines, Worcester WR3 7RY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H05B 6/02**

(11) **WO 01/72089** (13) A1

(21) PCT/EP01/03400

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) de (26) de

(30) 100 14 864.6 **24 Mar/mar 2000** DE **(24.03.2000)**

(30) 100 42 139.3 **28 Aug/août 2000** DE **(28.08.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • DEVICE FOR HEATING WORKPIECES
• DISPOSITIF POUR LE CHAUFFAGE DE PIECES

(71) **ELOTHERM GMBH** [DE/DE]; Hammesberger Strasse 31, 42855 Remscheid (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GEZARZICK, Waldemar** [DE/DE]; Güldenwerth 26, 42857 Remscheid (DE). **LEISSNER, Hans-Jürgen** [DE/DE]; Rather Ring 106, 42855 Remscheid (DE). **SCHULTE, Peter** [DE/DE]; Cronenberger Strasse 214, 42119 Wuppertal (DE).

(74) **COHAUSZ & FLORACK (24)**; Kanzlerstrasse 8a, 40472 Düsseldorf (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[6] **H05B 11/00, F27D 17/00**

(11) **WO 01/72090** (13) A1

(21) PCT/US01/08745

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/189,984 **17 Mar/mar 2000** US **(17.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PROCESS AND APPARATUS FOR AUTOMATICALLY CONTROLLING SLAG FOAMING
• PROCEDE ET APPAREIL DE SURVEILLANCE/CONTROLE AUTOMATIQUE DU MOUSSAGE DU LAITIER

(71) **MARTIN MARIETTA MAGNESIA SPECIALTIES, INC.** [US/US]; 2710 Wycliff Road, Raleigh, NC 27610 (US).

(72) **STENDERA, James**; 17 English Elm Court, Baltimore, MD 21228 (US). **VIERS, David**; 106 Saunders, Hampton, VA 23666 (US). **DUCHNAK, Mark**; 106 Cromwell Court, Summerville, SC 29485 (US).

(74) **PRICE, Robert, L.** et al. / etc.; McDermott, Will & Emery, 600 13th Street, N.W., Washington, DC 20005-3096 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H05B 33/10, 33/14**

(11) **WO 01/72091** (13) A1

(21) PCT/JP01/01893

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) ja (26) ja

(30) 2000-80798 **22 Mar/mar 2000** JP **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • METHOD AND APPARATUS FOR MANUFACTURING ORGANIC EL DISPLAY
• PROCEDE ET APPAREIL DE FABRICATION D'UN AFFICHEUR ELECTROLUMINESCENT ORGANIQUE

(71) **IDEMITSU KOSAN CO., LTD.** [JP/JP]; 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8321 (JP).

(72) **SAKAI, Toshio**; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0293 (JP). **EIDA, Mitsuru**; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0293 (JP). **TOKAILIN, Hiroshi**; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0293 (JP).

(74) **WATANABE, Kihei**; Daiichi NS Bldg., 5th Floor, 32, Kanda Suda-cho 1-chome, Chiyoda-ku, Tokyo 101-0041 (JP).

(81) CN IN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H05B 37/02, G05F 5/00, H03H 7/00**

(11) **WO 01/72092** (13) A1

(21) PCT/US01/08989

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/191,125 **22 Mar/mar 2000** US **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • GATE DRIVER MULTI-CHIP MODULE
• MODULE A PLUSIEURS PUCES DE COMMANDE DE GRILLES

(71) **INTERNATIONAL RECTIFIER CORPORATION** [US/US]; 233 Kansas Street, El Segundo, CA 90245 (US).

(72) **JAUREGUI, David**; 9118 Sheridell Avenue, Downey, CA 90240 (US).

(74) **WEINER, Samuel, H.** et al. / etc.; Ostrolenk, Faber, Gerb & Soffen, LLP, 1180 Avenue of the Americas, New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H05H**

(11) **WO 01/72093** (13) A2

(21) PCT/DE01/01105

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) de (26) de

(30) 100 14 034.3 **22 Mar/mar 2000** DE **(22.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • PLASMA ACCELERATOR ARRANGEMENT
• ENSEMBLE ACCELERATEUR A PLASMA

(71) **THOMSON TUBES ELECTRONIQUES GMBH** [DE/DE]; Söflinger Strasse 100, 89077 Ulm (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KORNFELD, Günter** [DE/DE]; Junginger Strasse 93, 89275 Elchingen (DE). **SCHWERTFEGER, Werner** [DE/DE]; Eduard-von-Lang-Strasse 6, 89143 Blaubeuren (DE).

(74) **WEBER, Gerhard**; Postfach 2029, 89010 Ulm (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H05H 1/00, H01L 21/00, C23C 16/00**

(11) **WO 01/72094** (13) A1

(21) PCT/US01/05821

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/190,099 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • HIGH SPEED PHOTORESIST STRIPPING CHAMBER
• CHAMBRE DE DECAPAGE A VITESSE ELEVEE

(71) **TOKYO ELECTRON LIMITED** [JP/JP]; TBS Broadcast Center, 3-6 Akasaka 5-chome, Minato-ku, Tokyo 107 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JOHNSON, Wayne, L.** [US/US]; 13658 S. 32nd Street, Phoenix, AZ 85044 (US).

(74) **CASEY, Michael, R.** et al. / etc.; Oblon, Spivak, McClelland, Maier & Neustadt, P.C., 4th Floor, 1755 Jefferson Davis Highway, Arlington, VA 22202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H05K 1/03**

(11) **WO 01/72095** (13) A2

(21) PCT/US01/40338

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/531,947 **21 Mar/mar 2000** US **(21.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • POLYBUTADIENE AND POLYISOPRENE BASED THEREMOSETTING COMPOSITIONS AND METHOD OF MANUFACTURE
• COMPOSITIONS THERMODURCISSABLES A BASE DE POLYBUTADIENE ET DE POLYISOPRENE, ET PROCEDE DE FABRICATION

(71) **WORLD PROPERTIES, INC.** [US/US]; Suite 410, 7366 North Lincoln Avenue, Lincolnwood, IL 60646 (US).

(72) **LANDI, Vincent, R.**; RR 4, Box 22, Green Hollow Road, Danielson, CT 06239 (US).

(74) **REIMER, Leah, M.**; Cantor Colburn LLP, 55 Griffin Road South, Bloomfield, CT 06002 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H05K 3/00**

(11) **WO 01/72096** (13) A1

(21) PCT/DE01/01127

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) de (26) de

(30) 100 15 349.6 **23 Mar/mar 2000** DE **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • TREATMENT OF CIRCUIT SUPPORTS WITH IMPULSE EXCITATION
• TRAITEMENT DE SUPPORTS DE CIRCUITS AU MOYEN D'UNE EXCITATION PULSEE

(71) **ATOTECH DEUTSCHLAND GMBH** [DE/DE]; Erasmusstrasse 20, 10553 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHRÖDER, Rolf** [DE/DE]; Siegfriedstrasse 25, 90559 Burgthann (DE). **DE BOER, Reinhard** [DE/DE]; Birnhornweg 19, 12107 Berlin (DE). **GRAPENTIN, Hans-Joachim** [DE/DE]; Wundtstrasse 17, 14059 Berlin (DE). **CZECZKA, Regina** [DE/DE]; Potsdamer Chaussee 88, 14476 Gross Glienicke (DE).

(74) **EFFERT, BRESSEL UND KOLLEGEN**; Radickestrasse 48, 12489 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **H05K 3/00**

(11) **WO 01/72097** (13) A2

(21) PCT/JP01/02308

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 2000-82263 **23 Mar/mar 2000** JP **(23.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54) • APPARATUS AND METHOD FOR MOUNTING COMPONENT

- APPAREIL ET PROCEDE DE MONTAGE D'UN COMPOSANT

(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) **UENO, Yasuharu** [JP/JP]; 3-16-33-301, Nakamiya, Asahi-ku, Osaka-shi, Osaka 535-0003 (JP). **MINAMITANI, Shozo** [JP/JP]; 3-9-39-312, Minamikasugaoka, Ibaraki-shi, Osaka 567-0046 (JP). **KANAYAMA, Shinji** [JP/JP]; 3-11-1-102, Shirakashi-cho, Kashihara-shi, Nara 634-0051 (JP). **SHIMIZU, Takashi** [JP/JP]; 9-1, Kaminochonishi, Kishiwada-shi, Osaka 596-0048 (JP). **SIDA, Satoshi** [JP/JP]; 30-5, Kourigaoka 11-chome, Hirakata-shi, Osaka 573-0084 (JP). **ONOBORI, Shunji** [JP/JP]; 16-19, Seikadai 3-chome, Seika-cho, Soraku-gun, Kyoto 619-0238 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)[7] **H05K 7/20**

(11) **WO 01/72098** (13) A2

(21) PCT/US01/07401

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) en (26) en

(30) 09/527,897 **20 Mar/mar 2000** US **(20.03.2000)**

(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- POWER DISTRIBUTION PANEL WITH HEAT SINK
- PANNEAU DE DISTRIBUTION DE PUISSANCE A PUITS THERMIQUE

(71) **ADC TELECOMMUNICATIONS, INC.** [US/US]; 12501 Whitewater Drive, Minnetonka, MN 55343 (US).

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(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(54)
- METHOD AND APPARATUS FOR COOLING ELECTRONIC ENCLOSURES
- PROCEDE ET APPAREIL POUR REFROIDIR DES ENCEINTES ELECTRONIQUES

(71) **LIEBERT CORPORATION** [US/US]; 1050 Dearborn Drive, Columbus, OH 43085 (US).

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(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(43) 27 Sep/sep 2001 (27.09.2001)

(54)
- CONFORMING SHIELDED FORM FOR ELECTRONIC COMPONENT ASSEMBLIES AND METHODS FOR MAKING AND USING SAME
- FORME BLINDEE CONFORME POUR ENSEMBLES DE COMPOSANTS ELECTRONIQUES ET PROCEDES DE FABRICATION ET D'UTILISATION CORRESPONDANTS

(71) **SPRAYLAT CORPORATION** [US/US]; 716 South Columbus Avenue, Mt. Vernon, NY 10550 (US). *(for all designated States except / pour tous les États désignés sauf US)*

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(81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(54)
- DEVICE FOR CONVEYING PRINTED BOARDS
- DISPOSITIF DE TRANSPORT DE PLAQUETTES DE CIRCUITS IMPRIMES

(71) **SIEMENS PRODUCTION AND LOGISTIC SYSTEMS AG** [DE/DE]; Gleiwitzer Strasse 555, 90475 Nürnberg (DE). *(for all designated States except / pour tous les États désignés sauf US)*

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(81) CN JP KR SG US.

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