SECTION I

PUBLISHED INTERNATIONAL APPLICATIONS

DEMANDES INTERNATIONALES PUBLIÉES

(51) **Not classified / non classée**

(11) **WO 00/18209** (13) A2

(21) PCT/BR99/00075

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) en (26) en

(30) PI 9803552–5 **8 Sep/sep 1998 (08.09.1998)** BR

(30) PI 9803553–3 **8 Sep/sep 1998 (08.09.1998)** BR

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ELECTRONIC AUTOMATIC SYSTEM FOR DETECTION OF RELATIVE MOTION, AND SAFETY SIGNALING DEVICE FOR BICYCLES AND OTHER SMALL VEHICLES, USING THIS SYSTEM
• SYSTEME ELECTRONIQUE AUTOMATIQUE DE DETECTION DE MOUVEMENT RELATIF, ET DISPOSITIF DE SIGNALISATION DE SECURITE POUR BICYCLETTES ET AUTRES PETITS VEHICULES UTILISANT UN TEL SYSTEME

(71, 72) **DOS SANTOS SILVA, Israel** [–/BR]; Parque Vila Maria, Rua do Paraíso, 31, CEP–02169–010 São Paulo, SP (BR). **KUNNE, Klaus, Ulrich** [–/BR]; Rua Geneve, 345, Lauzane Paulista, CEP–01134–012 São Paulo, SP (BR). **DE MARCHI, Ítalo, Muglia** [–/BR]; Vila Belmiro, Avenida Bernardino de Campos, 52, CEP–11065–002 Santos, SP (BR).

(74) **DE MARCHI, Ítalo, Muglia**; Vila Belmiro, Avenida Bernardino de Campos, 52, CEP–11065–002 Santos, SP (BR).

(81) CN IN KR US ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51) **Not classified / non classée**

(11) **WO 00/18210** (13) A2

(21) PCT/US99/21776

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/102,281 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FLUORINATED OIL–CONTAINING COMPOSITIONS
• COMPOSITIONS FLUOREES CONTENANT DE L'HUILE

(71) **LOCTITE CORPORATION** [US/US]; 1001 Trout Brook Crossing, Rocky Hill, CT 06067 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FISHER, Edward, A., Y.** [US/US]; 167 New Britian Avenue, Rocky Hill, CT 06067 (US). **ADAMS, Sandra, C.** [US/US]; 2K Robinson Road, Rocky Hill, CT 06067 (US). **BURDZY, Matthew, P.** [US/US]; 67 Morgan Farms Drive, South Windsor, CT 06074 (US).

(74) **BAUMAN, Steven, C.**; Loctite Corporation, 1001 Trout Brook Crossing, Rocky Hill, CT 06067 (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 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; 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) **Not classified / non classée**

(11) **WO 00/18211** (13) A2

(21) PCT/US99/22645

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,343 **29 Sep/sep 1998 (29.09.1998)** US

(30) 09/394,264 **10 Sep/sep 1999 (10.09.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A NOVEL COCHLEAR GENE COCH5B2 AND USES THEREFOR
• GENE COCHLEAIRE COCH5B2 ET SES UTILISATIONS

(71) **BRIGHAM & WOMEN'S HOSPITAL** [US/US]; 75 Francis Street, Boston, MA 02115 (US).

(72) **MORTON, Cynthia, C.**; 15 Nobscot Road, Newton Center, MA 02158 (US). **ROBERTSON, Nahid, G.**; 64 Emerson Road, Wellesley, MA 02481 (US).

(74) **MYERS, P., Louis**; Fish & Richardson, P.C., 225 Franklin Street, Boston, MA 02110–2804 (US).

(81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(h)*

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(51) **Not classified / non classée**

(11) **WO 00/18212** (13) A2

(21) PCT/US99/22668

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,461 **30 Sep/sep 1998 (30.09.1998)** US

(30) 60/108,109 **12 Nov/nov 1998 (12.11.1998)** US

(30) 60/110,749 **3 Dec/déc 1998 (03.12.1998)** US

(30) 60/113,002 **18 Dec/déc 1998 (18.12.1998)** US

(30) 60/135,426 **21 May/mai 1999 (21.05.1999)** US

(30) 60/144,022 **15 Jul/juil 1999 (15.07.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PLATELET–DERIVED GROWTH FACTOR C, DNA CODING THEREFOR, AND USES THEREOF
• FACTEUR DE CROISSANCE C DERIVE DES PLAQUETTES, ADN LE CODANT ET SES UTILISATIONS

(71) **LUDWIG INSTITUTE FOR CANCER RESEARCH** [US/US]; 605 Third Avenue, New York, NY 10158 (US). **HELSINKI UNIVERSITY LICENSING LTD.** [FI/FI]; OY (FI/FI), P.O. Box 26, FIN–00014 (FI).

(72) **ERIKSSON, Ulf**; Stockholm (SE). **AASE, Karin**; Stockholm (SE). **LEE, Xuri**; Stockholm (SE). **PONTEN, Annica**; Stockholm (SE). **UUTELA, Marko**; Stockholm (SE). **ALITALO, Kari**; Helsinki (FI). **OESTMAN, Arne**; Uppsala (SE). **HELDIN, Carl–Henrik**; Uppsala (SE). **BETSHOLZ, Christer**; Uppsala (SE).

(74) **EVANS, Joseph, D.**; Evenson, McKeown, Edwards & Lenahan, P.L.L.C., Suite 700, 1200 G Street, N.W., Washington, DC 20005 (US).

(81) AE AU BA BB BG BR CA CN CU CZ EE GD HR HU ID IL IN IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO RU SG SI SK SL TR TT UA UZ VN YU; 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 : *(h)*

(51)[7] **A01D 34/81**

(11) **WO 00/18213** (13) A1

(21) PCT/EP99/06880

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) de (26) de

(30) 198 44 439.7 **28 Sep/sep 1998 (28.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HAND–OPERATED LAWN MOWER WITH MOTOR
• TONDEUSE A MOTEUR A GUIDAGE MANUEL

(71) **WOLF–GARTEN GMBH & CO. KG** [DE/DE]; Industriestrasse, D–57518 Betzdorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SPIES, Walther** [DE/DE]; Mozartstrasse 14, D–57080 Siegen (DE).

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

(81) US; 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] **A01G 7/00**

(11) **WO 00/18214** (13) A1

(21) PCT/GB99/03257

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 9821078.4 **30 Sep/sep 1998 (30.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AERIAL STEM TUBERS AS AN ALTERNATIVE SYSTEM FOR SEED TUBER PRODUCTION
• TUBERCULES A TIGES AERIENS EN TANT QUE SYSTEME SUBSTITUTIF DE PRODUCTION DE PLANTS DE POMME DE TERRE

(71, 72) **MARSHALL, Robert, Mayberry** [GB/GB]; 1005 Paisley Road West, Glasgow G52 1EQ (GB).

(74) **MURGITROYD & COMPANY**; 373 Scotland Street, Glasgow G5 8QA (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 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; 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)[6] **A01G 9/10 // 9/00**

(11) **WO 00/18215** (13) A1

(21) PCT/SE98/01652

(22) **16 Sep/sep 1998 (16.09.1998)**

(25) sv (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE FOR PROMOTING GROWTH FROM SEED TO PLANT
• DISPOSITIF PERMETTANT DE FAVORISER LA CROISSANCE DE GRAINES EN PLANTES

(71) **DALED AB** [SE/SE]; Långåkersgatan 16, S–442 43 Kungälv (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ERIKSSON, Albert** [SE/SE]; Långåkersgatan 16, S–442 43 Kungälv (SE).

(74) **AWAPATENT AB**; Box 11394, S–404 28 Göteborg (SE).

(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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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] **A01G 27/06, 27/04, 25/06**

(11) **WO 00/18216** (13) A1

(21) PCT/US99/22555

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,465 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LINKED SUB–IRRIGATION RESERVOIR SYSTEM
• SYSTEME DE SUB–IRRIGATION A RESERVOIRS EN RESEAU

(71, 72) **NALBANDIAN, A., Eugene** [US/US]; Suite B–8, 420 31st Street, Newport Beach, CA 92663 (US).

(72) **HEWITT, Charles**; P.O. Box 720980, Pinion Hills, CA 92373 (US).

(74) **ALTMAN, Daniel, E.**; KNOBBE, MARTENS, OLSON AND BEAR, LLP, 16th Floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).

(81) AE AL AM AT 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 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; 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 : *(c)*

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(51)[7] **A01J 5/007, 5/00**

(11) **WO 00/18217** (13) A1

(21) PCT/US99/21986

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 09/162,535 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CENTRAL DAIRY SYSTEM CONTROL CABINET
• ARMOIRE DE COMMANDE D'UN SYSTEME CENTRALISE DE LAITERIE

(71) **BABSON BROS. CO.** [US/US]; 1880 Country Farm Drive, Naperville, IL 60563 (US).

(72) **KEEFFE, Kevin**; 2117 State Street, La Crosse, WI 54601 (US). **GOMPPER, Brion**; 1038 East Avenue North, Onalaska, WI 54650 (US).

(74) **SMITH, Jeffry, W.**; Lathrop & Clark LLP, Suite 400, 740 Regent Street, P.O. Box 1507, Madison, WI 53701–1507 (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; 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 : *(c)*

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(51)[7] **A01J 5/01, A01K 11/00, A01J 5/017**

(11) **WO 00/18218** (13) A1

(21) PCT/US99/18742

(22) **17 Aug/août 1999 (17.08.1999)**

(25) en (26) en

(30) 09/161,836 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MILK FLOW MONITOR AND MILKER UNIT DETACHER
• MONITEUR D'ECOULEMENT DE LAIT ET DETACHEUSE D'UNITES DE TRAITE

(71) **BABSON BROS. Co.** [US/US]; 1880 Country Farm Drive, Naperville, IL 60563 (US).

(72) **GOMPPER, Brion**; 1038 East Avenue North, Onalaska, WI 54650 (US). **KEEFFE, Kevin**; 2117 State Street, La Crosse, WI 54601 (US).

(74) **SMITH, Jeffry, W.**; Lathrop & Clark LLP, Suite 400, 740 Regent Street, P.O. Box 1507, Madison, WI 57301–1507 (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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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)[6] **A01K 1/015, 1/035**

(11) **WO 00/18219** (13) A1

(21) PCT/EP98/06109

(22) **25 Sep/sep 1998 (25.09.1998)**

(25) de (26) de

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • COVERING FOR THE RESTING PLACE OF AN ANIMAL
• ELEMENT DE RECOUVREMENT DE LITIERE

(71, 72) **MICHEL, Heinrich** [DE/DE]; Zu den Buchen 2a, D–56269 Marienhausen (DE).

(74) **SCHNEIDERS & BEHRENDT**; Huestrasse 23, D–44787 Bochum (DE).

(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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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] **A01K 1/015, 1/035, 1/03**

(11) **WO 00/18220** (13) A1

(21) PCT/GB99/03218

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 9821115.4 **30 Sep/sep 1998 (30.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ANIMAL BED
• LITIERE POUR ANIMAUX

(71, 72) **JONES, John, Peter** [GB/GB]; J. & J. Services, Unit 1, Sharpes Industrial Estate, Alexandra Road, Swadlincote, Derbyshire DE11 9AZ (GB).

(74) **WATKINS, Rosalind, Philippa**; Swindell & Pearson, 48 Friar Gate, Derby DE1 1GY (GB).

(81) AU CA US; 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] **A01K 11/00, 1/12, 1/00, G08B 13/14**

(11) **WO 00/18221** (13) A1

(21) PCT/US99/18743

(22) **17 Aug/août 1999 (17.08.1999)**

(25) en (26) en

(30) 09/162,434 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LIVESTOCK SORTING SYSTEM
• SYSTEME DE TRIAGE DE BETAIL

(71) **BABSON BROS. CO.** [US/US]; 1880 Country Farm Drive, Naperville, IL 60563 (US).

(72) **GOMPPER, Brion**; 1038 East Avenue North, Onalaska, WI 54630 (US). **KEEFFE, Kevin**; 2117 State Street, La Crosse, WI 54601 (US). **MAYER, Donald**; W22264 11th Street, Trempealeau, WI 54661–9215 (US).

(74) **SMITH, Jeffry, W.**; Lathrop & Clark LLP, Suite 400, 740 Regent Street, P.O. Box 1507, Madison, WI 53701–1507 (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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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] **A01K 87/00**

(11) **WO 00/18222** (13) A1

(21) PCT/FI99/00801

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) fi (26) en

(30) 982115 **30 Sep/sep 1998 (30.09.1998)** FI

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FISHING ROD
• CANNE A PECHE

(71) **ROSNELL PATENTTI OY** [FI/FI]; Ylä–Narvantie 5, FIN–37370 Narva (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROSNELL, Markku** [FI/FI]; Ylä–Narvantie 5, FIN–37370 Narva (FI).

(74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FIN–00121 Helsinki (FI).

(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 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; 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] **A01K 97/02**

(11) **WO 00/18223** (13) A1

(21) PCT/GB99/03110

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 9820928.1 **26 Sep/sep 1998 (26.09.1998)** GB

(30) 9917989.7 **2 Aug/août 1999 (02.08.1999)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IMPROVEMENTS IN AND RELATING TO BAIT DISPENSERS
• AMELIORATIONS SE RAPPORTANT AUX DISTRIBUTEURS D'APPATS

(71, 72) **GODDARD, Guy, Austin** [GB/GB]; 19 Bishopdale Close, Nine Elms, Swindon SN5 9UZ (GB).

(74) **A. R. DAVIES & CO.**; 27 Imperial Square, Cheltenham GL50 1RQ (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 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; 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] **A01M 29/00**

(11) **WO 00/18224** (13) A1

(21) PCT/JP99/06981

(22) **13 Dec/déc 1999 (13.12.1999)**

(25) ja (26) ja

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SCARING DEVICE AND BARE WIRE FOR SCARING DEVICE
• APPAREIL D'EFFAROUCHEMENT ET FIL NU POUR APPAREILS D'EFFAROUCHEMENT

(71, 72) **TOYOTA, Junzo** [JP/JP]; 4–2–701, Yuuhigaokacho, Tennouji–ku, Osaka–shi, Osaka 543–0075 (JP).

(74) **NAKAJIMA, Shiro**; 6F, Yodogawa 5–Bankan, 2–1, Toyosaki 3–chome, Kita–ku, Osaka–shi, Osaka 531–0072 (JP).

(81) AU CA CN JP KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(a), (f)*

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(51)[7] **A01N 1/02, B65D 81/38, F17C 3/08, F25D 3/00**

(11) **WO 00/18225** (13) A1

(21) PCT/US99/22581

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/161,919 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PORTABLE APPARATUS FOR STORING AND/OR TRANSPORTING BIOLOGICAL SAMPLES, TISSUES AND/OR ORGANS
• DISPOSITIF PORTABLE POUR LE STOCKAGE ET/OU LE TRANSPORT D'ECHANTILLONS, DE TISSUS ET/OU D'ORGANES BIOLOGIQUES

(71) **LIFE SCIENCE HOLDINGS, INC.** [US/US]; 1510 West Montana Street, Chicago, IL 60614–2013 (US).

(72) **OWEN, Donald, R.**; Vital Assist, Inc., Suite I, 5701 Crawford Street, Harahan, LA 70123 (US).

(74) **OLIFF, James, A.** et al. / etc.; Oliff & Berridge, PLC, P.O. Box 19928, Alexandria, VA 22320 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; 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] **A01N 1/02**

(11) **WO 00/18226** (13) A2

(21) PCT/US99/22582

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/162,128 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • APPARATUS AND METHOD FOR MAINTAINING AND/OR RESTORING VIABILITY OF ORGANS
• DISPOSITIF ET PROCEDE PERMETTANT DE MAINTENIR ET/OU DE RESTAURER LA VIABILITE D'ORGANES

(71) **LIFE SCIENCE HOLDINGS, INC.** [US/US]; 1510 West Montana Street, Chicago, IL 60614–2013 (US).

(72) **OWEN, Donald, R.**; Vital Assist, Inc., Suite I, 5701 Crawford Street, Harahan, LA 70123 (US). **KRAVITZ, David, C.**; Life Science Holdings, Inc., Suite 500, 1510 West Montana Street, Chicago, IL 60614–2013 (US).

(74) **OLIFF, James, A.** et al. / etc.; Oliff & Berridge, plc, P.O. Box 19928, Alexandria, VA 22320 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; 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] **A01N 25/04, 43/90 // (A01N 43/90, 25:04)**

(11) **WO 00/18227** (13) A1

(21) PCT/US99/22046

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 09/160,856 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NON–AQUEOUS SUSPENSION CONCENTRATE
• SUSPENSION CONCENTREE NON AQUEUSE

(71) **AMERICAN CYANAMID COMPANY** [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).

(72) **AVEN, Michael**; Rathenaustrasse 8, D–55131 Mainz (DE).

(74) **MAZZARESE, Joseph, M.**; American Home Products Corporation, Patent Law Dept. – 2B2, One Campus Drive, Parsippany, NJ 07054 (US) et al. / etc.

(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 ZA ZW; 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)[6] **A01N 37/00**

(11) **WO 00/18228** (13) A1

(21) PCT/US99/22672

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,663 **1 Oct/oct 1998** US **(01.10.1998)**

(30) 60/102,664 **1 Oct/oct 1998** US **(01.10.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MULTI–PART ANTI–MICROBIAL STERILIZATION COMPOSITIONS AND METHODS
• PROCEDES ET COMPOSITIONS DE STERILISATION ANTIMICROBIENNE EN PARTIES MULTIPLES

(71) **MINNTECH CORPORATION** [US/US]; 14605 28th Avenue North, Minneapolis, MN 55447 (US).

(72) **HENDERSON, Mary, Beth**; 615 Upton Avenue South, Minneapolis, MN 55405 (US). **STANLEY, Patricia, M.**; 3701 Pillsbury Avenue South, Minneapolis, MN 55409 (US). **ONSTAD, Bradley, K.**; 11531 Kentucky Avenue North, Champlin, MN 55316 (US).

(74) **LESTER, Michelle, N.**; Nixon & Vanderhye P.C., Suite 800, 1100 North Glebe Road, Arlington, VA 22201–4714 (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; 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] **A01N 37/04 // (A01N 37/04, 37:04)**

(11) **WO 00/18229** (13) A1

(21) PCT/US99/22274

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/162,393 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ALIPHATIC CARBOXYLIC ACID DIESTERS AS NON–SELECTIVE HERBICIDES
• DIESTERS D'ACIDE CARBOXYLIQUE ALIPHATIQUE COMME HERBICIDES NON SELECTIFS

(71) **DIXIE CHEMICAL COMPANY** [US/US]; 300 Jackson Hill, Houston, TX 77007 (US).

(72) **SMILEY, Robert, A.**; 1103 Norbee Drive, Wilmington, DE 19803 (US).

(74) **JONES, John, Wilson**; Locke Liddell & Sapp LLP, 3400 Chase Tower, 600 Travis, Houston, TX 77002–3095 (US).

(81) AU BR CA JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[7] **A01N 37/18, 57/00**

(11) **WO 00/18230** (13) A1

(21) PCT/US99/22199

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/161,804 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • COMBINATION OF BISPHOSPHONATE AND TETRACYCLINE
• COMBINAISON DE BISPHOSPHONATE ET DE TETRACYCLINE

(71) **THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK** [US/US]; P.O. Box 9, Albany, NY 12201–0009 (US).

(72) **RAMAMURTHY, Nungavarm, S.**; 10 Lynam Court, Smithtown, NY 11787 (US). **GOLUB, Lorne, M.**; 29 Whitney Gate, Smithtown, NY 11787 (US). **SORSA, Timo, A.**; Lounaisvayla 17, FIN–00200 Helsinki (FI). **TERONEN, Olli, P.**; Kylanvanhimmankja 9B, FIN–00640 Helsinki (FI). **SALO, Tuula, A.**; Fyysikontie 8, FIN–90570 Oulu (FI).

(74) **BARON, Ronald, J.**; Hoffmann & Baron, LLP, 6900 Jericho Turnpike, Syosset, NY 11791 (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 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; 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] **A01N 43/06**

(11) **WO 00/18231** (13) A1

(21) PCT/US99/22195

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/101,813 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHODS FOR TREATING OR PREVENTING VIRAL INFECTIONS AND ASSOCIATED DISEASES
• PROCEDES DE TRAITEMENT OU DE PREVENTION D'INFECTIONS VIRALES ET DE MALADIES ASSOCIEES

(71) **VIROPHARMA INCORPORATED** [US/US]; 405 Eagleview Boulevard, Exton, PA 19341 (US).
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(72, 75) **YOUNG, Dorothy, C.** [US/US]; 5 Ironwood Drive, Collegeville, PA 19426 (US). **BAILEY, Thomas, R.** [US/US]; 217 Amanda Lane, Phoenixville, PA 19460 (US).

(74) **HAGAN, Patrick, J.** et al. / etc.; Dann, Dorfman, Herrell and Skillman, Suite 720, 1601 Market Street, Philadelphia, PA 19103–2307 (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 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; 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] **A01N 43/20, A61K 38/21**

(11) **WO 00/18232** (13) A1

(21) PCT/US99/22902

(22) **1 Oct/oct 1999 (01.10.1999)**

(25) en (26) en

(30) 60/102,616 **1 Oct/oct 1998** US **(01.10.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD OF TREATMENT OF CARDIOVASCULAR INJURIES
• TRAITEMENT DE LESIONS CARDIO–VASCULAIRES

(71) **CHILDREN'S MEDICAL CENTER CORPORATION** [US/US]; 320 Longwood Avenue, Boston, MA 02115 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOULTON, Karen, S.** [US/US]; – (US). **FOLKMAN, Judah** [US/US]; – (US).

(74) **EISENSTEIN, Ronald, I.** et al. / etc.; Nixon Peabody LLP, 101 Federal Street, Boston, MA 02110 (US).

(81) AU CA JP US; 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] **A01N 43/58, C07D 241/36**

(11) **WO 00/18233** (13) A1

(21) PCT/US99/22405

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/165,892 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SYNTHETIC ANALOGS OF ECTEINASCIDIN–743
• ANALOGUES SYNTHETIQUES D'ECTEINASCIDINE 743

(71) **PRESIDENT AND FELLOWS OF HARVARD COLLEGE** [US/US]; Holyoke Center, Suite 727, 1350 Massachusetts Avenue, Cambridge, MA 02138–5701 (US).

(72) **COREY, Elias, J.**; 20 Avon Hill Street, Cambridge, MA 02140 (US).

(74) **LINEK, Ernest, V.** et al. / etc.; Banner & Witcoff, Ltd., 28th floor, 28 State Street, Boston, MA 02109 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC 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; 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)[6] **A01N 43/78**

(11) **WO 00/18234** (13) A1

(21) PCT/US98/20611

(22) **29 Sep/sep 1998 (29.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • THIAZOLIDENEDIONES ALONE OR IN COMBINATION WITH OTHER THERAPEUTIC AGENTS FOR TUMOR THERAPY
• THIAZOLIDENEDIONES UTILISES SEULS OU EN COMBINAISON AVEC D'AUTRES AGENTS THERAPEUTIQUES AU COURS D'UNE THERAPIE ANTITUMORALE

(71) **BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM** [US/US]; 201 West Seventh Street, Austin, TX 78701 (US).

(72) **COPLAND, John, Alton, III**; 7447 Cambridge #71, Houston, TX 77054 (US). **GASIC, Slavisa**; 515 First Street #346, Galveston, TX 77550 (US). **URBAN, Randall**; 1210 Merriwood, Friendswood, TX 77546 (US). **SOLOFF, Melvyn**; 3510 Rigaud, Galveston, TX 77554 (US).

(74) **HODGINS, Daniel, S.**; Arnold, White & Durkee, P.O. Box 4433, Houston, TX 77210 (US).

(81) CA JP.

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(51)[7] **A01N 57/20 // (A01N 57/20, 25:24, 25:04)**

(11) **WO 00/18235** (13) A1

(21) PCT/EP99/07787

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 988001 **29 Sep/sep 1998** MX **(29.09.1998)**

(30) 60/125,136 **19 Mar/mar 1999** US **(19.03.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD OF SUGARCANE FLOWER INHIBITION AND NEW COMPOSITION
• PROCEDE D'INHIBITION DE LA FLEUR DE CANNE A SUCRE ET NOUVELLE COMPOSITION

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

(72, 75) **LIGON, Robert, Carlisle** [US/US]; 8000 Shillingstone Place, Raleigh, NC 27615 (US). **TOLEDO RIVERA, Juan Carlos** [GT/GT]; Rhône–Poulenc Agro, 2nd Av. 8–29 Zone 14, Guatemala City (GT).

(74) **AVENTIS CROPSCIENCE S.A.**; Département Propriété Industrielle – DPI, Boîte postale 9163, F–69263 Lyon 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 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; 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] **A01N 57/20, 57/12, 63/02, 59/06, 25/00**

(11) **WO 00/18236** (13) A1

(21) PCT/JP99/05174

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) ja (26) ja

(30) 10/271696 **25 Sep/sep 1998** JP **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • WEED–CONTROLLING AGENTS
• AGENTS HERBICIDES

(71) **SANKYO COMPANY, LIMITED** [JP/JP]; 5–1, Nihonbashi Honcho 3–chome, Chuo–Ku, Tokyo 103–8426 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HORIBE, Yoshimichi** [JP/JP]; Sankyo Company, Limited, 1041, Yasu, Yasu–Cho, Yasu–Gun, Shiga 520–2342 (JP). **AMAGASA, Tadashi** [JP/JP]; Sankyo Company, Limited, 1041, Yasu, Yasu–Cho, Yasu–Gun, Shiga 520–2342 (JP). **SATO, Kazuo** [JP/JP]; Sankyo Company, Limited, 1041, Yasu, Yasu–Cho, Yasu–Gun, Shiga 520–2342 (JP). **AOKI, Atsushi** [JP/JP]; Hokkai Sankyo Co., Ltd., 27–4, Kitanosato, Kitahiroshima–Shi, Hokkaido 061–1111 (JP).

(74) **NAKAMURA, Minoru** et al. / etc.; Room 646, Shin–Tokyo Building, 3–1, Marunouchi 3–chome, Chiyoda–ku, Tokyo 100–8355 (JP).

(81) AU BR CA CN KR RU UA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **A01N 59/22, A61K 33/36**

(11) **WO 00/18237** (13) A1

(21) PCT/US98/20522

(22) **1 Oct/oct 1998 (01.10.1998)**

(25) en (26) en

(30) 09/163,561 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • STABLE GLYCERIN IODINE CONCENTRATE COMPOSITIONS
• COMPOSITIONS DE CONCENTRES D'IODE ET DE GLYCERINE STABLES

(71) **WEST AGRO, INC.** [US/US]; 11100 North Congress Avenue, Dansas City, MO 64153 (US).

(72) **FORET, Christ**; 4315 W. 54th Street, Shawnee Mission, KS 66205 (US).

(74) **COLLINS, John, M.**; Hovey, Williams, Timmons & Collins, Suite 400, 2405 Grand Boulevard, Kansas City, MO 64108 (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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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] **A01N 61/00, A61K 31/00, 39/395, C07H 21/04, C07K 16/00, C12N 1/20, 5/02, 9/64, 15/00, 15/74, C12P 19/34, 21/04, 21/06, C12Q 1/44, 1/48, 1/68, G01N 33/53, 33/573**

(11) **WO 00/18238** (13) A1

(21) PCT/US99/22518

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/163,951 **30 Sep/sep 1998** US **(30.09.1998)**

(30) 09/345,881 **30 Jun/juin 1999** US **(30.06.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IDENTIFICATION OF DIFFERENTIALLY METHYLATED AND MUTATED NUCLEIC ACIDS
• IDENTIFICATION D'ACIDES NUCLEIQUES MUTES ET METHYLES DIFFERENTIELLEMENT

(71) **NORTH SHORE–LONG ISLAND JEWISH RESEARCH** [US/US]; 300 Community Drive, Manhasset, NY 11030 (US).

(72) **DUFFY, Hao–Peng, Xu**; 29 North Drive, Centerport, NY 11721 (US).

(74) **SINDER, Stuart, J.** et al. / etc.; Kenyon & Kenyon, One Broadway, New York, NY 10004 (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 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; 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] **A01N 63/00, C12N 5/10, 15/09**

(11) **WO 00/18239** (13) A1

(21) PCT/US99/22207

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/101,812 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • REVERSIBLY IMMORTALIZED HEPATOCYTES AND METHODS OF USE
• HEPATOCYTES IMMORTALISES DE FAÇON REVERSIBLE ET PROCEDES D'UTILISATION

(71) **UNIVERSITY OF NEBRASKA BOARD OF REGENTS** [US/US]; Regents Hall, 3835 Holdrege Street, Lincoln, NE 68598 (US). **HARVARD–MIT DIVISION OF HEALTH SCIENCE AND TECHNOLOGY** [US/US]; Cambridge, MA (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FOX, Ira, J.** [US/US]; 600 S. 42nd Street, Ohama, NE 68198 (US). **LABOULCH, Phillippe** [US/US]; Cambridge, MA (US).

(74) **REED, Janet, E.** et al. / etc.; Dann, Dorfman, Herrell and Skillman, Suite 720, 1601 Market Street, Philadelphia, PA 19103 (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 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; 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] **A01N 63/00, C12N 7/01, 15/86**

(11) **WO 00/18240** (13) A1

(21) PCT/US99/23016

(22) **1 Oct/oct 1999 (01.10.1999)**

(25) en (26) en

(30) 60/102,933 **1 Oct/oct 1998 (01.10.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • GENE DELIVERY SYSTEM AND METHODS OF USE
• SYSTEME DE TRANSPORT DE GENE ET PROCEDES D'UTILISATION ASSOCIES

(63) US 60/102,933 (CIP) 1 Oct/oct 1998 (01.10.1998)

(71) **UNIVERSITY OF SOUTHERN CALIFORNIA** [US/US]; University Park, Suite 313, 3716 South Hope Street, Los Angeles, CA 90007 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KASHAHRA, Nori** [–/US]; Institute for Genetic Medicine and Departments of Pathology and Biochemistry and Molecular Biology, University of Southern California, 2250 Alcazar Street, CSC–240, Los Angeles, CA 90033 (US). **LOGG, Christopher** [–/US]; Institute for Genetic Medicine and Departments of Pathology and Biochemistry and Molecular Biology, University of Southern California, 2250 Alcazar Street, CSC–240, Los Angeles, CA 90033 (US). **ANDERSEN, W., French** [–/US]; NOR 6316, Mail Code 9999, Gene Therapy Program, University of Southern California, 2250 Alcazar Street, Los Angeles, CA 90033 (US).

(74) **HARRIS, Scott, C.**; Fish & Richardson P.C., Suite 1400, 4225 Executive Square, La Jolla, CA 92037 (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 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; 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] **A01N 63/04, C12N 1/14**

(11) **WO 00/18241** (13) A1

(21) PCT/CA99/00899

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,582 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • *GLIOCLADIUM ROSEUM* STRAINS USEFUL FOR THE CONTROL OF FUNGAL PATHOGENS IN PLANTS
• SOUCHES DE *GLIOCLADIUM ROSEUM* PERMETTANT DE LUTTER CONTRE LES PATHOGENES FONGIQUES CHEZ LES PLANTES

(71) **HER MAJESTY THE QUEEN IN RIGHT OF AGRICULTURE OF CANADA as represented by THE MINISTER OF AGRICULTURE AND AGRI–FOOD CANADA** [CA/CA]; Cereal Research Centre, 195 Dafoe Road, Winnipeg, Manitoba R3T 2M9 (CA).
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(72, 75) **XUE, Allen, G.** [CA/CA]; 10 Lindal Crescent, Morden, Manitoba R6M 1R1 (CA).

(74) **GALE, Edwin, J.** et al. / etc.; Kirby, Eades, Gale, Baker, Box 3432, Station D, Ottawa, Ontario K1P 6N9 (CA).

(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 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; 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)[6] **A21D 2/16, 2/18, A23G 3/00**

(11) **WO 00/18242** (13) A1

(21) PCT/JP99/05294

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) ja (26) ja

(30) 10/274036 **28 Sep/sep 1998 (28.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS FOR PRODUCING BAKED SNACKS
• PROCEDE DE PRODUCTION D'EN–CAS CONFECTIONNES

(71) **FUJI OIL CO., LTD.** [JP/JP]; 1–5, Nishi-shinsaibashi 2–chome, Chuo–ku, Osaka–shi, Osaka 542–0086 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IBUKI, Masahisa** [JP/JP]; Fuji Oil Co., Ltd. Hannan Business Operation Complex, 1, Sumiyoshi cho, Izumisano–shi, Osaka 598–8540 (JP). **NAKAMURA, Ichiro** [JP/JP]; Fuji Oil Co., Ltd. Hannan Business Operation Complex, 1, Sumiyoshi cho, Izumisano–shi, Osaka 598–8540 (JP).

(74) **FUJI OIL CO. LTD.**; R & D Patent Dept., 1, Sumiyoshi–cho, Izumisano–shi, Osaka 598–8540 (JP).

(81) US; 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] **A22B 5/00, 5/18**

(11) **WO 00/18243** (13) A1

(21) PCT/DK99/00499

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) da (26) en

(30) PA 1998 01219 **25 Sep/sep 1998 (25.09.1998)** DK

(30) PA 1999 00165 **8 Feb/fév 1999 (08.02.1999)** DK

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SYSTEM FOR DISINFECTION AND METHOD
• SYSTEME DE DESINFECTION ET PROCEDE S'Y RAPPORTANT

(71) **SFK–DANFOTECH A/S** [DK/DK]; Indkildevej 2–4, Postboks 821, DK–9100 Aalborg (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NIELSEN, Bjarne** [DK/DK]; Hjortevej 55, DK–9200 Aalborg SV (DK). **ANDERSEN, Knud, Krogh** [DK/DK]; Birkelsevej 13, DK–9440 Åbybro (DK).

(74) **LARSEN & BIRKEHOLM A/S**; Skandinavisk Patentbureau, Banegårdspladsen 1, DK–1570 Copenhagen V (DK).

(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 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; 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] **A22B 5/20**

(11) **WO 00/18244** (13) A1

(21) PCT/DK99/00491

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) da (26) en

(30) PA 1998 01213 **25 Sep/sep 1998** DK **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • APPARATUS AND METHOD FOR CUTTING UP THE BELLY OF A SLAUGHTERED ANIMAL AND USE THEREOF
• APPAREIL ET PROCEDE PERMETTANT DE DECOUPER LE VENTRE D'UN ANIMAL ABATTU ET UTILISATION DE CET APPAREIL

(71) **SFK–DANFOTECH A/S** [DK/DK]; Indkildevej 2–4, Postboks 821, DK–9100 Aalborg (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NIELSEN, Bjarne** [DK/DK]; Hjortevej 55, DK–9200 Aalborg SV (DK).

(74) **LARSEN & BIRKEHOLM A/S**; Skandinavisk Patentbureau, Banegårdspladsen 1, P.O. Box 362, DK–1570 Copenhagen V (DK).

(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 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; 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] **A22C 21/00**

(11) **WO 00/18245** (13) A1

(21) PCT/DK99/00493

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) da (26) en

(30) PA 1998 01169 **16 Sep/sep 1998** DK **(16.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND APPARATUS FOR SUSPENDING ANIMALS TO BE SLAUGHTERED, IN PARTICULAR CHICKENS
• PROCEDE ET APPAREIL DE SUSPENSION D'ANIMAUX A ABATTRE, EN PARTICULIER DE POULETS

(71) **LINDHOLST & CO. A/S** [DK/DK]; Vestermoellevej 9, DK–8380 Trige (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KJELDSEN, Poul** [DK/DK]; Jeppe Aakjaersvej 33, DK–8400 Ebeltoft (DK). **KVORNING, Keld** [DK/DK]; Skovsmindevej 7, DK–8963 Auning (DK).

(74) **PATRADE A/S**; Aaboulevarden 21, DK–8000 Aarhus C (DK).

(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 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; 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 : *(c)*

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(51)[7] **A23B 4/02, 4/24, 5/18, 4/027, 7/157**

(11) **WO 00/18246** (13) A1

(21) PCT/FR99/02226

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) fr (26) fr

(30) 98/12025 **25 Sep/sep 1998** FR **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SOLUTION USEFUL FOR BACTERIAL DECONTAMINATION OF FOODSTUFFS AND METHOD FOR USING SAME
• SOLUTION UTILE POUR LA DECONTAMINATION BACTERIENNE DE DENREES ALIMENTAIRES ET SON PROCEDE D'UTILISATION

(71) **RHODIA CHIMIE** [FR/FR]; 25, quai Paul Doumer, F–92408 Courbevoie Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VINCENT, Sophie** [FR/FR]; 38–40, avenue Jean Jaurès, F–94110 Arcueil (FR).

(74) **RICALENS, François**; Rhodia Services, Direction de la Propriété Industrielle, 25, quai Paul Doumer, F–92408 Courbevoie Cedex (FR).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GD GE HR HU ID IL IN IS JP KG KP KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA US UZ VN YU ZA; 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] **A23C 11/04, A23K 1/18, 1/16**

(11) **WO 00/18247** (13) A1

(21) PCT/US99/20469

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) en (26) en

(30) 09/163,778 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CANINE MILK SUBSTITUTE
• SUCCEDANE DE LAIT CANIN

(71) **THE IAMS COMPANY** [US/US]; 7250 Poe Avenue, Dayton, OH 45414 (US).

(72) **LEPINE, Allan**; 5451 Hickory Court, Lewisburg, OH 45338 (US).

(74) **LUNA, Susan, M.** 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 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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **A23C 19/09, 19/084**

(11) **WO 00/18248** (13) A1

(21) PCT/EP99/06252

(22) **26 Aug/août 1999 (26.08.1999)**

(25) de (26) de

(30) 198 44 900.3 **30 Sep/sep 1998** DE **(30.09.1998)**

(30) 199 33 940.6 **20 Jul/juil 1999** DE **(20.07.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR PRODUCING SLICES OF BULK FOODSTUFF MATERIALS
• PROCEDE PERMETTANT DE PRODUIRE DES TRANCHES DE PATE ALIMENTAIRE

(71) **NATEC REICH, SUMMER GMBH & CO. KG** [DE/DE]; Kolpingstrasse 32, D–88178 Heimenkirch (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAUR, Wilhelm** [DE/DE]; Brugg 49 1/4, D–88167 Gestratz (DE).

(74) **COHAUSZ DAWIDOWICZ & PARTNER**; Schumannstrasse 97–99, D–40237 Düsseldorf (DE).

(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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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)[6] **A23C 21/00, 21/08, A23J 1/20, 3/08**

(11) **WO 00/18249** (13) A1

(21) PCT/NZ99/00163

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 332080 **28 Sep/sep 1998 (28.09.1998)** NZ

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS FOR CONTROLLING MAILLARD–TYPE GLYCATION OF WHEY PROTEINS AND PRODUCTS WITH ENHANCED FUNCTIONAL PROPERTIES
• PROCEDE POUR REGULER LA GLYCOSYLATION DE TYPE MAILLARD DES PROTEINES DE LACTOSERUM ET PRODUITS AYANT DES PROPRIETES FONCTIONNELLES ACCRUES

(71) **NEW ZEALAND DAIRY RESEARCH INSTITUTE** [NZ/NZ]; Fitzherbert West, Palmerston North (NZ).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOLAND, Michael, John** [NZ/NZ]; 52B Ihaka Street, Palmerston North (NZ). **HILL, Jeremy, Paul** [GB/NZ]; 57 Ortimer Drive, Palmerston North (NZ). **HIGGS, Kerianne, Carol** [NZ/NZ]; 9 Huata Place, Palmerston North (NZ). **HAGGARTY, Neill, Ward** [GB/NZ]; 6 Oban Place, Palmerston North (NZ). **CAMPANELLA, Maria, Estela, Puchulu** [AR/US]; 3008 Benton Street, West Lafayette, IN 47906–1130 (US).

(74) **CALHOUN, Douglas, C.** et al. / etc.; A.J. Park & Son, 6th floor, Huddart Parker Building, Post Office Square, P.O. Box 949, Wellington 6015 (NZ).

(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 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; 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] **A23G 3/10, 3/02**

(11) **WO 00/18250** (13) A1

(21) PCT/US99/22299

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 09/162,189 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS AND APPARATUS FOR PRODUCING SHEARFORM MATRIX MATERIAL
• PROCEDE ET APPAREIL DE PRODUCTION DE MATIERES POUR MATRICE A FORME DE CISAILLEMENT

(71) **FUISZ TECHNOLOGIES LTD.** [US/US]; 14555 Avion at Lakeside, Chantilly, VA 20151 (US).

(72) **FUISZ, Richard, C.**; 1287 Ballantrae Farm Drive, McLean, VA 22101 (US). **BAYARD, Claude**; 2301 S. Jefferson Davis Highway, Arlington, VA 22202 (US). **BOGUE, Beuford, A.**; 6360 Cotswold Way, Broad Run, VA 20137 (US). **MATHEWS, Eric**; 7738 Old Carolina Road, Gainesville, VA 20155 (US). **SIRIS, Supapong**; 13720 Rosetree Court, Chantilly, VA 20151 (US).

(74) **SCHMIDT, Richard, D.**; Fuisz Technologies Ltd., 14555 Avion at Lakeside, Chantilly, VA 20151 (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; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[7] **A23J 1/20, A23C 9/14**

(11) **WO 00/18251** (13) A1

(21) PCT/FI99/00800

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 982114 **30 Sep/sep 1998 (30.09.1998)** FI

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD OF PROCESSING A PROTEINOUS MATERIAL, A PRODUCT SO OBTAINED, AND USE THEREOF
• TRAITEMENT D'UN MATERIAU PROTEIQUE, PRODUIT AINSI OBTENU ET SON UTILISATION

(71) **VALIO LTD** [FI/FI]; Meijeritie 4, FIN–00370 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAARALA, Outi** [FI/FI]; Fredrikinkatu 75 A 5, FIN–00100 Helsinki (FI). **TOSSAVAINEN, Olli** [FI/FI]; Tornihaukantie 4 as 21, FIN–02620 Espoo (FI). **KEROJOKI, Outi** [FI/FI]; Isoniitynkatu 7 F 25, FIN–00520 Helsinki (FI). **SALMINEN, Kari** [FI/FI]; Mannerheimintie 60 A 8, FIN–00260 Helsinki (FI). **ERIKSSON, Marika** [FI/FI]; Orapihlajantie 3 D 43, FIN–00320 Helsinki (FI).

(74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FIN–00121 Helsinki (FI).

(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 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; 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] **A23K 1/00, 1/18**

(11) **WO 00/18252** (13) A1

(21) PCT/DE99/03125

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) de (26) de

(30) 198 44 393.5 **28 Sep/sep 1998 (28.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CHUNKY PRODUCT USED IN ANIMAL FOOD COMPOSITIONS AND PROCESS FOR PRODUCING THE SAME
• PRODUIT EN MORCEAUX UTILISE DANS DES COMPOSITIONS D'ALIMENTS POUR ANIMAUX ET PROCEDE DE PRODUCTION CORRESPONDANT

(71) **EFFEM GMBH** [DE/DE]; Eitzer Landstrasse 215, D–27283 Verden/Aller (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHLEBUSCH, Johannes** [DE/DE]; Joseph–Haydn–Strasse 8, D–28209 Bremen (DE). **SCHMIDT, Siegfried** [DE/DE]; Weizenmühlerstrasse 96, D–27283 Verden/Aller (DE). **WAIGAND, Siegfried** [DE/DE]; Mühlenberg 20B, D–27283 Verden/Aller (DE). **HEMUS, John** [GB/DE]; Eitzer Ziegelei 19, D–27283 Verden/Aller (DE).

(74) **GODDAR, Heinz**; Boehmert & Boehmert, Hollerallee 32, D–28209 Bremen (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 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; 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] **A23K 1/18, 3/00, B65D 81/34, B65B 55/06**

(11) **WO 00/18253** (13) A1

(21) PCT/EP99/07406

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 98203299.7 **29 Sep/sep 1998** EP **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • RETORTED PET FOOD IN A FIBRE–BASED CONTAINER
• ALIMENTS STERILISES POUR ANIMAUX DOMESTIQUES DANS UN RECIPIENT A BASE DE FIBRES

(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) **DUPONT, Christophe** [FR/FR]; 10, rue Robert Desnos, F–80480 Salouel (FR). **GASSER, Rupert, Josef** [AT/CH]; 37, rue des Pâquiers, CH–1450 St–Croix (CH).

(74) **MCCONNELL, Bruce**; 55, avenue Nestlé, CH–1800 Vevey (CH).

(81) AU BR CA HU JP KR MX NO NZ PL RU US ZA; 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] **A23L**

(11) **WO 00/18254** (13) A2

(21) PCT/US99/22427

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/101,803 **25 Sep/sep 1998** US **(25.09.1998)**

(30) 09/307,414 **8 May/mai 1999** US **(08.05.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD OF PROTECTING HEAT– OR OXYGEN–LABILE COMPOUNDS TO PRESERVE ACTIVITY AND BIOAVAILABILITY
• PROCEDE PERMETTANT DE PROTEGER DES COMPOSES S'AVERANT LABILES EN PRESENCE D'OXYGENE ET/OU DE CHALEUR DE MANIERE A PRESERVER LEUR ACTIVITE ET BIODISPONIBILITE

(71) **KEMIN INDUSTRIES, INC.** [US/US]; 2100 Maury Street, Des Moines, IA 50301–0070 (US).

(72) **CATRON, Douglas, Howard**; 618–5th Street S.E., Altoona, IA 50009 (US). **MANN, James, Oscar**; 4620 Parkridge Avenue, Pleasant Hill, IA 50317 (US).

(74) **HERINK, Kent, A. Esq.**; Davis, Brown, Koehn, Shors, & Roberts, P.C., The Financial Center, Suite 2500, 666 Walnut Street, Des Moines, IA 50309–3993 (US).

(81) AL AM AT AU AZ BA BB 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; 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] **A23L 1/16, 1/162**

(11) **WO 00/18255** (13) A1

(21) PCT/JP99/05328

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) ja (26) ja

(30) 10/274106 **29 Sep/sep 1998** JP **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS FOR PRODUCING NOODLES
• PROCEDE DE PRODUCTION DE NOUILLES

(71) **FUJI OIL CO., LTD.** [JP/JP]; 1–5, Nishi-shinsaibashi 2–chome, Chuo–ku, Osaka–shi, Osaka 542–0086 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IBUKI, Masahisa** [JP/JP]; Fuji Oil Co., Ltd., Hannan Business Operation Complex, 1, Sumiyoshicho, Izumisano–shi, Osaka 598–8540 (JP). **NAKAMURA, Ichiro** [JP/JP]; Fuji Oil Company, Ltd., Hannan Business Operation Complex, 1, Sumiyoshi-cho, Izumisano–shi, Osaka 598–8540 (JP).

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

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(51)[6] **A23L 1/30**

(11) **WO 00/18256** (13) A1

(21) PCT/US99/22447

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 09/162,259 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MULTIPLE LIQUID FLOW ELECTROSPRAY INTERFACE
• INTERFACE D'ELECTRONEBULISATION COMPORTANT DE MULTIPLES CANAUX POUR LIQUIDES

(71) **VARIAN, INC.** [US/US]; 3120 Hansen Way, Palo Alto, CA 94304 (US).

(72) **WELLS, Gregory, J.**; 3011 Beechwood Court, Fairfield, CA 94533 (US). **TONG, Roger, C.**; 949 Fresno Avenue, Berkeley, CA 94707 (US). **YEE, Peter, P.**; 10089 Alcosta Boulevard, San Ramon, CA 94583 (US).

(74) **FISHMAN, Bella** et al. / etc.; Varian, Inc., Legal Dept., 3120 Hansen Way, D–102, Palo Alto, CA 94304 (US).

(81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **A23L 1/32**

(11) **WO 00/18257** (13) A1

(21) PCT/JP99/05068

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) ja (26) ja

(30) 10/287353 **25 Sep/sep 1998** JP **(25.09.1998)**

(30) 11/113712 **21 Apr/avr 1999** JP **(21.04.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS FOR PRODUCING POWDERY ACID–TREATED EGG
• PROCEDE DE PRODUCTION D'OEUFS EN POUDRE TRAITES A L'ACIDE

(71, 72) **HAGIWARA, Yoshihide** [JP/JP]; 4–14, Hiraisanso, Takarazuka–shi, Hyogo 665–0817 (JP).

(72, 75) **HAGIWARA, Hideaki** [JP/JP]; 4–14, Hiraisanso, Takarazuka–shi, Hyogo 665–0817 (JP).

(74) **ODAJIMA, Heikichi** et al. / etc.; Odajima Patent Office, Nippon Jitensha Building, 9–15, Akasaka 1–chome, Minato–ku, Tokyo 107–0052 (JP).

(81) AU CA CN JP KR US; 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] **A23L 2/00**

(11) **WO 00/18258** (13) A2

(21) PCT/US99/22469

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/162,864 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LOW ACID BEVERAGES SUPPLEMENTED WITH NUTRITIONAL CALCIUM SOURCES

• BOISSONS A FAIBLE TENEUR EN ACIDE ENRICHIES EN SOURCES NUTRITIONNELLES CALCIQUES

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

(72) **YANG, David, Kee**; 6881 Fox Hill Lane, Cincinnati, OH 45236 (US). **HEISEY, Matthew, Thomas**; 1259 Garden Circle, Wyoming, OH 45215 (US). **ANDON, Mark, Benson**; 1821 Augusta Boulevard, Fairfield, OH 45014 (US).

(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 KR (Utility model / modèle d'utilité) 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 UZ VN YU ZA ZW; 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] **A23L 2/39, 2/44, A61K 33/06, 33/32, 47/02, A23L 2/40**

(11) **WO 00/18259** (13) A1

(21) PCT/GB99/03196

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 9820815.0 **25 Sep/sep 1998 (25.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NUTRITIONAL AND PHARMACEUTICAL COMPOSITIONS
• COMPOSITIONS NUTRITIONNELLES ET PHARMACEUTIQUES

(71, 72) **WHITTLE, Brian, Anthony** [GB/GB]; "Mere Close", Hull Road, Hornsea, East Yorkshire HU18 1RJ (GB).

(74) **W.P. THOMPSON & CO.**; Coopers Building, Church Street, Liverpool L1 3AB (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 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; 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] **A23N 12/02**

(11) **WO 00/18260** (13) A1

(21) PCT/FR99/02312

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) fr (26) fr

(30) 98/12412 **30 Sep/sep 1998 (30.09.1998)** FR

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE FOR CONTINUOUSLY WASHING PRODUCTS, IN PARTICULAR VEGETABLE PRODUCTS
• DISPOSITIF DE LAVAGE EN CONTINU DE PRODUITS, NOTAMMENT DE VEGETAUX

(71) **FREEZE AGRO INGENIERIE** [FR/FR]; Kerhamon, F–29800 Pencran (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LE LEZ, Jean** [FR/FR]; 2, rue Kerhamon, F–29800 Pencran (FR).

(74) **LE FAOU, Daniel**; Cabinet Regimbeau, 11, rue Franz Heller, Boîte Postale 19107, F–35019 Rennes Cedex 7 (FR).

(81) CA CN JP KR MX US; 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] **A41D 25/02**

(11) **WO 00/18261** (13) A1

(21) PCT/IT99/00297

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) MI98U000632 **28 Sep/sep 1998 (28.09.1998)** IT

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AN EXTENDED USE–LIFE IMPROVED TIE
• CRAVATE AMELIOREE A DUREE D'UTILISATION PROLONGEE

(71, 72) **DE LUCA, Stefano** [IT/IT]; Viale Campania, 40, I–20133 Milano (IT).

(74) **CICOGNA, Franco**; Ufficio Internazionale Brevetti, Via Visconti di Modrone, 14/A, I–20122 Milano (IT).

(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; 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] **A42B**

(11) **WO 00/18262** (13) A2

(21) PCT/US99/22267

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/160,655 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INSERT–MOLDED HELMET
• CASQUE MOULE PAR INSERTION

(71) **SPORTSCOPE, INC.** [US/US]; Suite 2200, 20 N. Wacker Drive, Chicago, IL 60608 (US).

(72) **WATTERS, Robert, D.**; 500 Laurier Avenue West #2007, Ottawa, Ontario K1R 5E1 (CA). **TUTTON, John, C.**; Box 184, North Gower, Ontario K0A 2T0 (CA). **BALATTI, Aldo, F.**; 6999 Donwill Drive, Greely, Ontario K4P 1M7 (CA). **FLETCHER, Mark, A.**; 315 Holmwood Avenue #817, Ottawa, Ontario K2S 1E6 (CA). **SHEWCHENKO, Nicholas**; 6 Arthur Street, Box 78, Rural Road #1, Chelsea, Quebec J0X 1N0 (CA). **BAYNE, Timothy, Douglas**; 601–1150 Fisher Avenue, Ottawa, Ontario K1Z 8M6 (CA). **WITHNALL, Christopher, Robert, Patrick**; 61 Sedona Street, Nepean, Ontario K2J 4K4 (CA).

(74) **RECHTIN, Michael, D.** et al. / etc.; Foley & Lardner, Suite 3300, 330 North Wabash Avenue, Chicago, IL 60611 (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 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 RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZW; 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)[6] **A43B 7/06**

(11) **WO 00/18263** (13) A1

(21) PCT/US99/22312

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/162,188 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SELF–VENTILATING INSERT FOR FOOTWEAR
• PIECE RAPPORTEE AUTOVENTILEE POUR ARTICLES CHAUSSANTS

(71, 72) **CLARK, Gregory** [US/US]; 245 Newtown Turnpike, Weston, CT 06883 (US).

(74) **GOTTS, Lawrence, J.** et al. / etc.; Crowell & Moring LLP, 1001 Pennsylvania Avenue, N.W., Washington, DC 20004–2595 (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; 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] **A43B 9/00, 23/08, 5/06, 3/14**

(11) **WO 00/18264** (13) A1

(21) PCT/US99/21781

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/162,163 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SHOE CONSTRUCTION
• FABRICATION DE CHAUSSURES

(71) **THE ROCKPORT COMPANY, INC.** [US/US]; 220 Donald J. Lynch Boulevard, Marlboro, MA 01752 (US).

(72) **DUCLOS, Gary, P.**; 12 Coombs Circle, Newburyport, MA 01950 (US).

(74) **DURKIN, Tracy–Gene, G.** 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) CA JP; 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] **A43C**

(11) **WO 00/18265** (13) A2

(21) PCT/KR99/00594

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 1998/18899 U **30 Sep/sep 1998** KR **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SHOELACE TIGHTENING DEVICE
• DISPOSITIF A SERRER LES LACETS

(71, 72) **CHOE, Sang, Ceol** [KR/KR]; #102–1513 Hanbo Apt., 766–1 Sange–dong, Nowon–gu, Seoul 139–200 (KR).

(74) **PARK, Young, Sun**; Baak Jang & Park, Kinam Building 1318–2, 9th floor, Seocho–4–dong, Seocho–gu, Seoul 137–074 (KR).

(81) BR CA CN ID JP MX RU; 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] **A43C 11/20**

(11) **WO 00/18266** (13) A1

(21) PCT/FR99/02185

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) fr (26) fr

(30) 98/12396 **30 Sep/sep 1998** FR **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SPORT SHOE WITH LACING DISTRIBUTION
• CHAUSSURE DE SPORT A REPARTITEUR DE LAÇAGE

(71) **CARON, Yves, Marie** [FR/FR]; Le Cabarot, rue Pasteur, F–38660 Saint Geoire en Valdaine (FR).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **BIBOLLET, Jean, Claude** [FR/FR]; Le Glapigny, Boîte postale 1, F–74230 Thônes (FR).

(74) **HECKE, Gérard**; Cabinet Hecke, WTC Europole, 5, place Robert Schuman, Boîte postale 1537, F–38025 Grenoble Cedex 1 (FR).

(81) CA CN JP KR US; 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] **A43D 11/00, 3/02**

(11) **WO 00/18267** (13) A1

(21) PCT/EP99/07180

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) de (26) de

(30) 198 44 539.3 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SHOE LAST FOR MANUFACTURING SHOES
• FORME POUR FABRIQUER DES CHAUSSURES

(71, 72) **KERN, Andreas** [DE/DE]; Neutorstrasse 2, D–63456 Hanau (DE).

(74) **GRIMM, Ekkehard**; Edith–Stein–Strasse 22, D–63075 Offenbach/Main (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; 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] **A44B 18/00**

(11) **WO 00/18268** (13) A1

(21) PCT/US99/21842

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) en (26) en

(30) 98118254.6 **25 Sep/sep 1998** EP **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HOOK FASTENING MATERIAL FOR MECHANICAL FASTENERS COMPRISING DIFFERING PRONGS
• MATERIAU DE FIXATION A CROCHETS DESTINE A DES ATTACHES MECANIQUES COMPRENANT DIFFERENTES LANGUETTES

(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) **KOST, Stefan, Hans** [DE/DE]; Sudhang 16, D–65719 Hofheim (DE). **CELLIERS, Jeremy, Michael** [CA/US]; 1309 Duncan Avenue, Cincinnati, OH 45208 (US).

(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 KR (Utility model / modèle d'utilité) 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; 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] **A44B 18/00**

(11) **WO 00/18269** (13) A1

(21) PCT/US99/22206

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/102,025 **28 Sep/sep 1998** US **(28.09.1998)**

(30) 09/390,100 **3 Sep/sep 1999** US **(03.09.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • RESILIENT ATTACHMENT MATERIALS FOR PERSONAL CARE PRODUCTS
• DISPOSITIFS DE FIXATION ELASTIQUES POUR ARTICLES DE SOIN PERSONNELS

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

(72) **MARTIN, Timothy, Ray**; 13095 Bethany Road, Alpharetta, GA 30004 (US). **SCHMIDT, Richard, John**; 285 Spring Ridge Trace, Roswell, GA 30076 (US).

(74) **ROBINSON, James, B.** et al. / etc.; 401 N. Lake St., Neenah, WI 54956 (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 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; 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)[6] **A44B 19/32, B32B 31/26, 7/12**

(11) **WO 00/18270** (13) A1

(21) PCT/US99/22639

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/160,651 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • WATER RESISTANT SLIDE FASTENER AND PROCESS FOR PREPARING SAME
• FERMETURE A GLISSIERE RESISTANT A L'EAU ET PROCEDE D'ELABORATION DE CELLE–CI

(63) US 09/160,651 (CIP)
25 Sep/sep 1998 (25.09.1998)

(71) **HODER, Harold** [US/US]; 31 Country Club Road, Woodbridge, CT 06525 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **PRESS, Stuart** [US/US]; 254 Thimble Island Road, Stony Creek, CT 06405 (US).

(74) **BACHMAN, Robert, H.** et al. / etc.; Bachman & LaPointe, P.C., Suite 1201, 900 Chapel Street, New Haven, CT 06510–2802 (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 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; 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)[6] **A45B 25/06**

(11) **WO 00/18271** (13) A1

(21) PCT/JP99/01612

(22) **30 Mar/mar 1999 (30.03.1999)**

(25) ja (26) ja

(30) 10/277671 **30 Sep/sep 1998** JP **(30.09.1998)**

(30) 10/317577 **9 Nov/nov 1998** JP **(09.11.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • RUNNER OF UMBRELLA
• COULANT DE PARAPLUIE

(71) **MISUZU SEIKO KABUSHIKI KAISHA** [JP/JP]; 1892–1, Orimoto–cho, Tsuzuki–ku, Yokohama–shi, Kanagawa–ken 224–0043 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SATO, Hiromi** [JP/JP]; Misuzu Seiko Kabushiki Kaisha, 1892–1, Orimoto–cho, Tsuzuki–ku, Yokohama–shi, Kanagawa–ken 224–0043 (JP).

(74) **YANAGIDA, Masashi** et al. / etc.; Yanagida & Associates, 7F, Benex S–1, 3–18–20, Shin–Yokohama, Kohoku–ku, Yokohama–shi, Kanagawa–ken 222–0033 (JP).

(81) AU BR CA CN ID KR MX NO NZ RU SG US; 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] **A45D 29/20, 34/00, 40/00**

(11) **WO 00/18272** (13) A1

(21) PCT/US99/22100

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 60/101,846 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • COSMETIC SET
• NECESSAIRE A FARDS

(71) **COTY, INC.** [US/US]; 1325 Avenue of the Americas, New York, NY 10019 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FINOCCHIARO, Sylvie, A.** [FR/US]; Apartment #9F, 410 West 24th Street, New York, NY 10011 (US). **GERBRON, Jacques, A.** [FR/FR]; 19, avenue Carnot, F–06500 Menton (FR).

(74) **VIKSNINS, Ann, S.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (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 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; 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)[6] **A47B 83/02**

(11) **WO 00/18273** (13) A1

(21) PCT/US98/02979

(22) **26 Sep/sep 1998 (26.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MUSICAL HIGH CHAIR
• CHAISE HAUTE MUSICALE

(71, 72) **YOUNGBLOOD, Tina** [US/US]; 5937 Roseville Drive, Dallas, TX 75241 (US).

(81) AT CA CN ES FI GB IL JP KE LU PL PT SE SG TR YU; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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] **A47C 1/032, 3/025**

(11) **WO 00/18274** (13) A1

(21) PCT/EP99/07044

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) VI98A000182 **25 Sep/sep 1998** IT **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CHAIR WITH VARIABLE PITCH
• CHAISE A INCLINAISON VARIABLE

(71, 72) **CIONCADA, Enrico** [IT/IT]; Viale del Bosco, 1, I–84100 Salerno (IT).

(74) **BONINI, Ercole**; Studio Ing. E. Bonini SRL, Corso Fogazzaro, 8, I–36100 Vicenza (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 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; 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] **A47C 27/00**

(11) **WO 00/18275** (13) A1

(21) PCT/US99/21782

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/101,754 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MULTIPLE MODULE MATTRESS SYSTEM
• SYSTEME DE MATELAS A MODULES MULTIPLES

(71, 72) **FOGEL, Isaac** [US/US]; Classic Corporation, 8214 Wellmoor Court, Jessup, MD 20794 (US).

(74) **GARRETT, Arthur, S.** et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, NW, Washington, DC 20005–3315 (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 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; 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] **A47G 19/14, B65D 23/06**

(11) **WO 00/18276** (13) A1

(21) PCT/GB99/03212

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 9820925.7 **26 Sep/sep 1998** GB **(26.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A SPOUT OR LIP FOR POURING A LIQUID
• GOULOT OU BEC DESTINE A VERSER UN LIQUIDE

(71, 72) **KUMAR, Damini** [GB/GB]; Sushil Cottage, Chandlers Hill, Iver Heath, Iver, Buckinghamshire SL0 0EA (GB).

(74) **REDDIE & GROSE**; 16 Theobalds Road, London WC1X 8PL (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 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; 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] **A47J 27/08**

(11) **WO 00/18277** (13) A1

(21) PCT/FR99/02293

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) fr (26) fr

(30) 98/12259 **28 Sep/sep 1998** FR **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE FOR LOCKING/UNLOCKING A PRESSURE COOKER WITH LUG–BAYONET TYPE CLOSURE
• DISPOSITIF DE VERROUILLAGE/DEVERRROUILLAGE D'UN APPAREIL DE CUISSON SOUS PRESSION A FERMETURE A BAIONNETTES

(71) **SEB S.A.** [FR/FR]; Les 4 M, Chemin du Petit–Bois, Boîte Postale 172, F–69132 Ecully Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHAMEROY, Eric** [FR/FR]; Chemin de Grande Cour, F–21260 Véronnes (FR). **RHETAT, Eric, Christian, Jacques** [FR/FR]; 14C, avenue de la Concorde, F–21000 Dijon (FR). **BARAILLE, Eric, Laurent** [FR/FR]; Les Roches d'Or, 22, boulevard de l'Université, F–21000 Dijon (FR).

(74) **MARTIN, Didier**; Cabinet Didier Martin, 47, rue Benoît Bennier, F–69260 Charbonnières les Bains (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 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; 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] **A47J 27/082, 36/16**

(11) **WO 00/18278** (13) A1

(21) PCT/FR99/02295

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) fr (26) fr

(30) 98/12260 **28 Sep/sep 1998** FR **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PRESSURE COOKER COMPRISING MEANS SUPPORTING A COOKING BASKET IN HIGH POSITION
• APPAREIL DE CUISSON SOUS PRESSION COMPORTANT DES MOYENS DE SUPPORT D'UN PANIER DE CUISSON EN POSITION HAUTE

(71) **SEB S.A.** [FR/FR]; Les 4 M, Chemin du Petit–Bois, Boîte postale 172, F–69132 Ecully Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **POTY, Jean–François** [FR/FR]; 3, rue de la Marseillaise, F–21000 Dijon (FR).

(74) **MARTIN, Didier**; Cabinet Didier Martin, 47, rue Benoît Bennier, F–69260 Charbonnières les Bains (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 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; 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] **A47J 27/092**

(11) **WO 00/18279** (13) A1

(21) PCT/FR99/02294

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) fr (26) fr

(30) 98/12258 **28 Sep/sep 1998** FR **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SAFETY DEVICE FOR OPENING A PRESSURE COOKER WITH LUG–BAYONET TYPE CLOSURE
• DISPOSITIF DE SECURITE A L'OUVERTURE D'UN APPAREIL DE CUISSON SOUS PRESSION A FERMETURE A BAIONNETTES

(71) **SEB S.A.** [FR/FR]; Les 4M, Chemin du Petit Bois, Boîte postale 172, F–69132 Ecully Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHAMEROY, Eric** [FR/FR]; Chemin de Grande Cour, F–21260 Véronnes (FR). **RHETAT, Eric, Christian, Jacques** [FR/FR]; 14C, avenue de la Concorde, F–21000 Dijon (FR). **BARAILLE, Eric, Laurent** [FR/FR]; Les Roches d'Or, 22, boulevard de l'Université, F–21000 Dijon (FR).

(74) **MARTIN, Didier**; Cabinet Didier Martin, 47, rue Benoît Bennier, F–69260 Charbonnières les Bains (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 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; 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] **A47J 31/54**

(11) **WO 00/18280** (13) A1

(21) PCT/FR99/02274

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) fr (26) fr

(30) 98/12184 **25 Sep/sep 1998** FR **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • WATER FRONT FOR ELECTRICAL HOUSEHOLD APPLIANCE COMPRISING A DEVICE REDUCING SCALING
• CHAUDIERE POUR APPAREIL ELECTROMENAGER COMPRENANT UN DISPOSITIF REDUISANT L'ENTARTRAGE

(71) **SEB S.A.** [FR/FR]; Les 4M, Chemin du Petit Bois, F–69130 Ecully (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERTRY, Didier** [FR/FR]; Les Clercs, F–74150 Massingy (FR).

(74) **KIEHL, Hubert**; SEB Développement, Chemin du Petit Bois, Boîte postale 172, F–69132 Ecully Cedex (FR).

(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 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; 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)[6] **A47J 39/00, 39/02**

(11) **WO 00/18281** (13) A1

(21) PCT/AU99/00815

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) PP 6131 **25 Sep/sep 1998** AU **(25.09.1998)**

(30) 28147/99 **14 May/mai 1999** AU **(14.05.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HEATING APPARATUS
• APPAREIL DE CHAUFFAGE

(71) **OZLINE GROUP PTY LIMITED** [AU/AU]; 3/105 Molesworth Street, Lismore, NSW 2480 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BURNELL, Robert, Dennis, George** [AU/AU]; 13 Loedna Place, Lennox Head, NSW 2478 (AU). **CHAMBERS, Athol** [AU/AU]; 86 Blaney Street, Currumbin, QLD 4223 (AU).

(74) **CULLEN & CO.**; Level 12, 240 Queen Street, Brisbane, QLD 4000 (AU).

(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 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; 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] **A47K 5/12**

(11) **WO 00/18282** (13) A1

(21) PCT/US99/21499

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 60/102,455 **30 Sep/sep 1998** US **(30.09.1998)**

(30) 09/356,265 **16 Jul/juil 1999** US **(16.07.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DUAL USE DISPENSING SYSTEM
• SYSTEME DE DISTRIBUTION DOUBLE EMPLOI

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

(72) **LEWIS, Richard, Paul**; 3429 Woodrun Trail, Marietta, GA 30062 (US).

(74) **KLEMBUS, Nancy, M.** et al. / etc.; 401 N. Lake St., Neenah, WI 54956 (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 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; 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] **A47K 10/36**

(11) **WO 00/18283** (13) A1

(21) PCT/FR99/01915

(22) **3 Aug/août 1999 (03.08.1999)**

(25) fr (26) fr

(30) 98/12272 **28 Sep/sep 1998** FR **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • APPARATUS DISPENSING WIPING MATERIAL IN A FRONT POSITION OF THE REEL
• APPAREIL DISTRIBUTEUR DE MATERIAU D'ESSUYAGE DANS UNE POSITION FRONTALE DE LA BOBINE

(71, 72) **GRANGER, Maurice** [FR/FR]; 17, rue Marcel Pagnol, F–42270 Saint Priest en Jarez (FR).

(74) **DUPUIS, François** et al. / etc.; Cabinet Laurent & Charras, 3, place de l'Hôtel de Ville, Boîte postale 203, F–42005 Saint Etienne Cedex (FR).

(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 ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **A47K 10/48, 10/46, E03C 1/266, B02C 18/42, A61B 19/00**

(11) **WO 00/18284** (13) A1

(21) PCT/US99/22417

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/161,371 **28 Sep/sep 1998** US **(28.09.1998)**

(30) 09/362,215 **28 Jul/juil 1999** US **(28.07.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HAND WASHING AND DRYING APPARATUS AND SYSTEM INCLUDING WASTE DISPOSAL APPARATUS AND METHOD
• APPAREIL DE LAVAGE ET DE SECHAGE DES MAINS ET SYSTEME COMPRENANT UN APPAREIL ET UN PROCEDE D'ELIMINATION DE DECHETS

(71) **144 LIMITED PARTNERSHIP** [US/US]; c/o Chardack, Mark, 705 A Weed Street, New Canaan, CT 06840 (US).

(72) **CHARDACK, William, M.**; 547 Golfview Drive, Gulfstream, FL 33483 (US). **PFRETZSCHNER, Charles, A.**; 910 S.W. 15th Avenue, Delray Beach, FL 33444 (US).

(74) **WRIST, Christopher, Philip** et al. / etc.; Fitzpatrick, Cella, Harper & Scinto, 30 Rockefeller Plaza, New York, NY 10112–3801 (US).

(81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[7] **A47L**

(11) **WO 00/18285** (13) A2

(21) PCT/KR99/00585

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 1998/18929 U **29 Sep/sep 1998** KR **(29.09.1998)**

(30) 1998/26332 U **21 Dec/déc 1998 (21.12.1998)** KR

(30) 1999/13575 U **6 Jul/juil 1999 (06.07.1999)** KR

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SNIVEL SUCTION INSTRUMENT CAPABLE OF PREVENTING SNIVEL REMOVED FROM A PATIENT'S NOSE FROM BEING INTRODUCED INTO AN OPERATOR'S MOUTH
• DISPOSITIF D'ASPIRATION DE LA MORVE POUR EMPECHER LA MORVE S'ECOULANT DU NEZ D'UN PATIENT DE S'INTRODUIRE DANS SA BOUCHE

(71, 72) **LEE, Chang, Yeun** [KR/KR]; Samhwan Apt. 205–105, 120–10, Dadae 2–Dong, Saha–Gu, Pusan 604–052 (KR).

(74) **JANG, Seong, Ku**; KEC Building, 17th floor, 275–7, Yangjae–Dong, Seocho–Ku, Seoul 137–130 (KR).

(81) CN JP US; 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] **A47L 5/24, 9/02, 9/24**

(11) **WO 00/18286** (13) A1

(21) PCT/IB99/01751

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/164,536 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MULTI–PURPOSE ATTACHMENT TOOL FOR A HAND–HELD VACUUM CLEANER
• SUCEUR POLYVALENT POUR ASPIRATEUR A MAIN

(71) **HEADWATERS RESEARCH & DEVELOPMENT, INC.** [CA/US]; 308 Billings Avenue, Ottawa, Ontario K1H 5L3 (CA).

(72) **BAILEY, Kevin**; 634 Warell Avenue, Ottawa, Ontario K2A 3AB (CA). **ANDERSON, Troy, Gene**; 26 Phillips Street, Marblehead, MA 01945 (US). **LEUNG, Ambrose**; 26A, Block 5, 38 Castle Peak Road, Sham Tseng, N.T., Hong Kong SR (CN). **LEUNG, Benson**; 26A, Block 5, 38 Castle Peak Road, Sham Tseng, N.T., Hong Kong SR (CN).

(74) **DURIGON, Albert, Peter**; 20 Eustis Street, Cambridge, MA 02140 (US).

(81) AU CH JP NZ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **A61B 3/00**

(11) **WO 00/18287** (13) A1

(21) PCT/US99/21763

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 60/101,872 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ACQUIRED PENDULAR NYSTAGMUS TREATMENT DEVICE
• DISPOSITIF DE TRAITEMENT DU NYSTAGMUS PENDULAIRE ACQUIS

(71) **CASE WESTERN RESERVE UNIVERSITY** [US/US]; 10900 Euclid Avenue, Cleveland, OH 44106 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STAHL, John, S.** [US/US]; 3304 Chalfant Road, Shaker Heights, OH 44120 (US). **LEHMKUHLE, Mark, J.** [US/US]; 112 South University Street, Apartment B, Salt Lake City, UT 84102 (US). **WU, Kelvin** [US/US]; 2187 Murray Hill Road, #5, Cleveland, OH 44106 (US). **BURKE, Bennett, Curtis** [US/US]; 1815 William Howard Taft Road, #208, Cincinnati, OH 45206 (US).

(74) **MINNICH, Richard, J.**; Fay, Sharpe, Fagan, Minnich & McKee, LLP, Suite 700, 1100 Superior Avenue, Cleveland, OH 44114–2518 (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; 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)[6] **A61B 5/00**

(11) **WO 00/18288** (13) A1

(21) PCT/JP99/05337

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) ja (26) ja

(30) 10/291557 **29 Sep/sep 1998 (29.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROBE COVER REMOVAL MECHANISM AND EAR TYPE CLINICAL THERMOMETER
• MECANISME DE RETRAIT DU CAPUCHON D'UNE SONDE ET THERMOMETRE CLINIQUE QUE L'ON INSERE DANS L'OREILLE

(71) **TERUMO KABUSHIKI KAISHA** [JP/JP]; 44–1, Hatagaya 2–chome, Shibuya–ku, Tokyo 151–0072 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMAKA, Masataka** [JP/JP]; Terumo Kabushiki Kaisha, 2656–1, Ohbuchi, Fuji–shi, Shizuoka 417–0801 (JP).

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

(81) AU CN KR SG US; 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] **A61B 5/00**

(11) **WO 00/18289** (13) A1

(21) PCT/US99/22294

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 09/163,856 **30 Sep/sep 1998 (30.09.1998)** US

(30) 09/198,039 **23 Nov/nov 1998 (23.11.1998)** US

(30) 09/241,929 **1 Feb/fév 1999 (01.02.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND DEVICE FOR PREDICTING PHYSIOLOGICAL VALUES
• PROCEDE ET DISPOSITIF DE PREDICTION DE VALEURS PHYSIOLOGIQUES

(71) **CYGNUS, INC.** [US/US]; 400 Penobscot Drive, Redwood City, CA 94063 (US).

(72) **DUNN, Timothy, C.**; 971 Alabama Street, San Francisco, CA 94110 (US). **JAYALAKSHMI, Yalia**; 1339 Bedford Avenue, Sunnyvale, CA 94087 (US). **KURNIK, Ronald, T.**; 961 Haddock Street, Foster City, CA 94404 (US). **LESHO, Matthew, J.**; 3045 Los Prados Street, #112, San Mateo, CA 94403 (US). **OLIVER, Jonathan, James**; 733 6th Street, Oakland, CA 94609 (US). **POTTS, Russell, O.**; 76 Uranus Terrace, San Francisco, CA 94114 (US). **TAMADA, Janet, A.**; 505 Cypress Point Drive #271, Mountain view, CA 94043 (US). **WATERHOUSE, Steven, Richard**; 1660 Bay Street #203, San Francisco, CA 94123 (US). **WEI, Charles, W.**; 2827 Huxley Place, Fremont, CA 94556 (US).

(74) **MCCLUNG, Barbara, G.**; Cygnus, Inc., 400 Penobscot Drive, Redwood City, CA 94063 (US) et al. / etc.

(81) CA JP KR; 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] **A61B 5/00**

(11) **WO 00/18290** (13) A1

(21) PCT/US99/22491

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 60/102,256 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • OXIMETER SENSOR WITH ENCODED TEMPERATURE CHARACTERISTIC
• CAPTEUR D'OXYMETRE A CARACTERISTIQUE DE TEMPERATURE CODEE

(71) **MALLINCKRODT INC.** [US/US]; 675 McDonnell Boulevard, Hazelwood, MO 63042 (US).

(72) **BERNSTEIN, Michael, J.**; 2713 Sherbear Drive, San Ramon, CA 94583 (US). **FEIN, Michael, E.**; 1909 Lime Tree Lane, Mountain View, CA 94040 (US). **SHEA, William, L.**; 4049 Findlay Way, Livermore, CA 94550 (US). **CRONE, Willem, A.**; 7150 Melvina, Palermo, CA 95948 (US). **MANNHEIMER, Paul, D.**; 4119 Sugar Maple Drive, Danville, CA 94506 (US). **CHEW, Bradford**; 805 Springbrook Drive, San Ramon, CA 94583 (US). **MERCHANT, Adnan**; 300 Blake Avenue, Fremont, CA 94536 (US).

(74) **HAUGHEY, Paul, C.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111–3834 (US).

(81) AU CA JP; 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] **A61B 5/00**

(11) **WO 00/18291** (13) A1

(21) PCT/US99/22492

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 60/102,315 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MULTIPLE–CODE OXIMETER CALIBRATION ELEMENT
• ELEMENT DE CALIBRATION D'OXYMETRE A CODES MULTIPLES

(71) **MALLINCKRODT INC.** [US/US]; 675 McDonnell Boulevard, Hazelwood, MO 63042 (US).

(72) **MIDDLEMAN, Lee**; 16 Coal Mine View, Portola Valley, CA 94028 (US). **MANNHEIMER, Paul, D.**; 4119 Sugar Maple Drive, Danville, CA 94506 (US). **BERNSTEIN, Michael, J.**; 2713 Sherbear Drive, San Ramon, CA 94583 (US). **FEIN, Michael, E.**; 1909 Lime Tree Lane, Mountain View, CA 94040 (US).

(74) **HAUGHEY, Paul, C.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th Floor, Two Embarcadero Center, San Francisco, CA 94111–3834 (US).

(81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **A61B 5/00**

(11) **WO 00/18292** (13) A1

(21) PCT/US99/22528

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/164,176 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PERSONAL BIORHYTHMIC CYCLE INDICATOR
• INDICATEUR DE CYCLE BIORYTHMIQUE PERSONNEL

(71, 72) **JACKSON, Joseph** [US/US]; 13621 Cerise Avenue #1, Hawthorne, CA 90250 (US).

(74) **BLAKELY, Roger, W.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025–1026 (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 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; 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 5/00, G06F 19/00**

(11) **WO 00/18293** (13) A1

(21) PCT/US99/22586

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/163,807 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DIABETES MANAGEMENT SYSTEM AND METHOD FOR CONTROLLING BLOOD GLUCOSE
• SYSTEME DE TRAITEMENT DU DIABETE ET METHODE DE CONTROLE DE LA GLYCEMIE

(71) **HEALTH HERO NETWORK, INC.** [US/US]; Suite 111, 2570 W. El Camino Real, Mountain View, CA 94040 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WORTHINGTON, David, R., L.** [–/US]; 331 Scenic Drive, La Honda, CA 94020 (US). **BROWN, Stephen, J.** [–/US]; 3324 Woodside Road, Woodside, CA 94062 (US).

(74) **ALBOSZTA, Marek**; 426 Lowell Avenue, Palo Alto, CA 94301 (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; 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 5/00**

(11) **WO 00/18294** (13) A1

(21) PCT/US99/22638

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,447 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHODS, SYSTEMS, AND ASSOCIATED IMPLANTABLE DEVICES FOR DYNAMIC MONITORING OF TUMORS
• PROCEDES, SYSTEMES ET DISPOSITIFS IMPLANTABLES ASSOCIES ASSURANT UN PHASAGE DYNAMIQUE DES TUMEURS

(71) **SICEL MEDICAL GROUP** [US/US]; 909 Blenheim Place, Raleigh, NC 27612 (US). **NORTH CAROLINA STATE UNIVERSITY** [US/US]; 1 Holladay Hall, Campus Box 7003, Raleigh, NC 27695–7003 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCARANTINO, Charles, W.** [US/US]; 909 Blenheim Drive, Raleigh, NC 27612 (US). **NAGLE, H., Troy** [US/US]; 18 Heath Place, Durham, NC 27705 (US). **HALL, Lester, C.** [US/US]; 817 Colleton Road, Raleigh, NC 27610 (US). **MUELLER, Jeffrey** [US/US]; 111 Lamlash Lane, Cary, NC 27511 (US). **KIM, Chang–Soo** [KR/US]; Apartment A6, 3500 Milltree Road, Raleigh, NC 27612 (US).

(74) **RICHARDSON, Julie, H.**; Myers, Bigel, Sibley & Sajovec, P.A., P.O. Box 37428, Raleigh, NC 27627 (US).

(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 EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; 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 5/103**

(11) **WO 00/18295** (13) A1

(21) PCT/EP99/06907

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) de (26) de

(30) 98/12125 **25 Sep/sep 1998 (25.09.1998)** FR

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE FOR MEASURING AT LEAST ONE CHARACTERISTIC OR FEATURE IN AN AREA OF A MATERIAL
• DISPOSITIF DE MESURE D'AU MOINS UNE PROPRIETE OU UNE CARACTERISTIQUE D'UNE ZONE D'UN TISSU

(71) **LABORATOIRES SEROBIOLOGIQUES (SOCIETE ANONYME)** [FR/FR]; F–54425 Pulnoy (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PAULY, Gilles** [FR/FR]; 5, rue des Bégonias, F–54000 Nancy (FR).

(74) **CABINET NUSS**; 10, rue Jacques Kablé, F–67080 Strasbourg Cedex (FR).

(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; 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 5/103**

(11) **WO 00/18296** (13) A1

(21) PCT/EP99/06927

(22) **18 Sep/sep 1999 (18.09.1999)**

(25) de (26) de

(30) 198 44 045.6 **25 Sep/sep 1998 (25.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ARRAY AND METHOD FOR ILLUMINATING THE SKIN SURFACE OF AN EXAMINED PERSON
• DISPOSITIF ET PROCEDE D'ECLAIRAGE D'UNE SURFACE DE PEAU D'UNE PERSONNE EXAMINEE

(71, 72) **PANZ, Ulla–Monika** [DE/DE]; Hauptstrasse 57, D–71566 Althütte (DE).

(74) **WOLF, Eckhard** et al. / etc.; Wolf & Lutz, Hauptmannsreute 93, D–70193 Stuttgart (DE).

(81) JP US; 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] **A61B 5/107**

(11) **WO 00/18297** (13) A1

(21) PCT/EP99/06926

(22) **18 Sep/sep 1999 (18.09.1999)**

(25) de (26) de

(30) 198 44 042.1 **25 Sep/sep 1998 (25.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • APPARATUS FOR MEASURING HAIR LENGTH
• APPAREIL DE MESURE DE LA LONGUEUR DES CHEVEUX

(71, 72) **PANZ, Ulla–Monika** [DE/DE]; Hauptstrasse 57, D–71566 Althütte (DE).

(74) **WOLF, Eckhard** et al. / etc.; Wolf & Lutz, Hauptmannsreute 93, D–70193 Stuttgart (DE).

(81) JP US; 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] **A61B 5/20, G01F 23/296**

(11) **WO 00/18298** (13) A1

(21) PCT/DK99/00502

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) PA 1998 01214 **25 Sep/sep 1998 (25.09.1998)** DK

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AN APPARATUS AND METHOD OF MEASURING THE FLOW OF A LIQUID, IN PARTICULAR URINE, FROM A PATIENT
• APPAREIL ET PROCEDE POUR MESURER L'ECOULEMENT D'UN LIQUIDE, NOTAMMENT DE L'URINE, CHEZ UN PATIENT

(71) **MAERSK MEDICAL A/S** [DK/DK]; Unovej 1, DK–3390 Hundested (DK). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **STISEN, Børge** [DK/DK]; Boserupvej 25, DK–3230 Græsted (DK).

(74) **HOFMAN–BANG A/S**; Hans Bekkevolds Allé 7, DK–2900 Hellerup (DK).

(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 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; 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 6/00**

(11) **WO 00/18299** (13) A1

(21) PCT/FI99/00785

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 982103 **29 Sep/sep 1998 (29.09.1998)** FI

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD TO MEASURE THE RELATIVE PERFUSION OF THE LUNGS
• PROCEDE DE MESURE D'UNE PERFUSION PULMONAIRE RELATIVE

(71, 72) **KIURU, Aaro** [FI/FI]; Honkatie 28/8, FIN–20540 Turku (FI).

(72, 75) **SVEDSTRÖM, Erkki** [FI/FI]; Varputie 5, FIN–23100 Mynämäki (FI).

(74) **LAITINEN, Pauli, S.**; Patentti–Laitinen OY, P.O. Box 29, FIN–02771 Espoo (FI).

(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; 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)[6] **A61B 6/14**

(11) **WO 00/18300** (13) A1

(21) PCT/US99/22237

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/102,206 **29 Sep/sep 1998 (29.09.1998)** US

(30) 09/406,258 **24 Sep/sep 1999 (24.09.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DENTAL X–RAY AIMING DEVICE FOR LONGITUDINAL RADIOGRAPHIC ANALYSIS
• DISPOSITIF DE RADIOGRAPHIE DENTAIRE A VISEE POUR ANALYSE RADIOGRAPHIQUE LONGITUDINALE

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

(72, 75) **DOVE, S., Brent** [US/US]; 12418 Wandering Trail, San Antonio, TX 78249 (US). **ADLER, Marden, E.** [US/US]; 7402 Sun Scape Way, San Antonio, TX 78250 (US).

(74) **O'DELL, David, M.** et al. / etc.; Haynes and Boone, L.L.P., Suite 3100, 901 Main Street, Dallas, TX 75202–3789 (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 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 ZW; 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)[6] **A61B 17/00**

(11) **WO 00/18301** (13) A1

(21) PCT/US99/21744

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) en (26) en

(30) 09/161,193 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BIOLOGICAL SEALANT MIXTURE AND SYSTEM FOR USE IN PERCUTANEOUS OCCLUSION OF PUNCTURE SITES AND TRACTS IN THE HUMAN BODY AND METHOD
• MELANGE ET SYSTEME DE SCELLEMENT BIOLOGIQUE UTILISE POUR L'OCCLUSION PERCUTANEE DE SITES DE PONCTION ET DE CONDUITS DANS LE CORPS HUMAIN, ET PROCEDE ASSOCIE

(71) **BIOINTERVENTIONAL CORPORATION** [US/US]; 5990 Stoneridge Drive #112, Pleasanton, CA 94588 (US).

(72) **EPSTEIN, Gordon, H.**; 135 Kootenai Drive, Fremont, CA 94539 (US). **LEMPERT, Todd, E.**; 244 Scenic Avenue, Piedmont, CA 94611 (US). **MARTIN, Brian, B.**; 315 Alder Road, Boulder Creek, CA 95006 (US).

(74) **HOHBACH, Harold, C.** et al. / etc.; Flehr Hocbach Test Albritton & Herbert LLP, Suite 3400, Four Embarcadero Center, San Francisco, CA 94111–4187 (US).

(81) CA IL JP; 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] **A61B 17/00**

(11) **WO 00/18302** (13) A2

(21) PCT/US99/22553

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/163,884 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IMPLANT DELIVERY SYSTEM
• SYSTEME DE MISE EN PLACE D'IMPLANTS

(71) **C. R. BARD, INC.** [US/US]; 730 Central Avenue, Murray Hill, NJ 07974 (US).

(72) **GAMBALE, Richard, A.**; 382 Dunstable Road, Tyngsboro, MA 01879 (US). **AHERN, John, E.**; 30 Lynn Fells Parkway, Melrose, MA 02176 (US). **PARASCANDOLA, Michael**; 14 Hazelnut Lane, Londonderry, NH 03053 (US).

(74) **PERULLO, John, F.**; Kirkpatrick & Lockhart LLP, 75 State Street, Boston, MA 02109–1808 (US).

(81) CA JP MX; 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] **A61B 17/00**

(11) **WO 00/18303** (13) A1

(21) PCT/US99/22598

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,728 **1 Oct/oct 1998 (01.10.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MINIMALLY INVASIVE CARDIAC SURGERY PROCEDURE
• TECHNIQUE DE CHIRURGIE CARDIAQUE PEU INVASIVE

(71) **CARDEON CORPORATION** [US/US]; 10161 Bubb Road, Cupertino, CA 95070 (US).

(72) **MACOVIAK, John, A.**; 5412 Thunderbird Lane, La Jolla, CA 92037 (US). **SAMSON, Wilfred, J.**; 19639 Farwell Avenue, Saratoga, CA 95070 (US).

(74) **HANKE, Gunther**; Fulwider Patton Lee & Utecht, LLP, Suite 1550, 200 Oceangate, Long Beach, CA 90802 (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; 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 17/32**

(11) **WO 00/18304** (13) A2

(21) PCT/IB99/01767

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) en (26) en

(30) 60/101,801 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SURGICAL SYSTEM CONSOLE
• CONSOLE SYSTEME CHIRURGICALE

(71) **SHERWOOD SERVICES AG** [CH/CH]; Schwertstrasse 9, CH–8200 Schaffhausen (CH).

(72) **CIMINO, William**; 578 W. Sagebrush, Louisville, CO 80027 (US). **MORAHAN, Kristen**; 189 S. Cleveland Avenue, Louisville, CO 80027 (US). **BLYTHE, Robert**; 3010 Spinnaker Drive, Longmont, CO 80503 (US).

(74) **MARSH, Roy, D.**; Hoffmann Eitle, Arabellastrasse 4, D–81925 München (DE).

(81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **A61B 17/32**

(11) **WO 00/18305** (13) A1

(21) PCT/US99/22695

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/164,420 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ULTRASONIC DEVICE FOR PROVIDING REVERSIBLE TISSUE DAMAGE TO HEART MUSCLE
• DISPOSITIF A ULTRASONS SERVANT A PROVOQUER UNE LESION REVERSIBLE DANS LE MUSCLE CARDIAQUE

(63) US 09/164,420 (CON)
30 Sep/sep 1998 (30.09.1998)

(71) **HEARTEN MEDICAL** [US/US]; 15042 Parkway Loop, Suite A, Tustin, CA 92780 (US). **NGUYEN, Hien, V.** [US/US]; 3106 West Borchard Avenue, Santa Ana, CA 92704 (US).
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(72, 75) **LAUFER, Michael, D.** [US/US]; 1259 El Camino Real, #211, Menlo Park, CA 94025 (US). **STAMBAUGH, Bruce, D.** [US/US]; 118 South Trevor, Anaheim, CA 92806 (US).

(74) **KREBS, Robert, E.**; Burns, Doane, Swecker & Mathis, LLP, P.O. Box 1404, Alexandria, VA 22313–1404 (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 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; 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 17/34, A61M 29/00**

(11) **WO 00/18306** (13) A1

(21) PCT/US99/21866

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) en (26) en

(30) 09/160,882 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICES AND METHODS FOR PERCUTANEOUS SURGERY
• DISPOSITIFS ET PROCEDES DE CHIRURGIE PERCUTANEE

(71) **SDGI HOLDINGS, INC.** [US/US]; Suite 508, 300 Delaware Avenue, Wilmington, DE 19801 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FOLEY, Kevin, T.** [US/US]; 2877 Keasler Circle West, Germantown, TN 38139 (US). **SMITH, Maurice, M.** [US/US]; 9285 Oak Knoll Cove, Cordova, TN 38018 (US). **CLAYTON, John, B.** [US/US]; 1405 Stoneham, Superior, CO 80027 (US). **MOCTEZUMA, Joseph** [US/US]; 3791 St. Philip, Memphis, TN 38133 (US). **ROEHM, Thomas, E., III** [US/US]; P.O. Box 1372, 410 Highway 59, Braden, TN 38010 (US).

(74) **COLLIER, Douglas, A.** et al. / etc.; Woodard, Emhardt, Naughton, Moriarty & Mcnett, Suite 3700, Bank One Center/Tower, 111 Monument Circle, Indianapolis, IN 46204 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR 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 TZ UA UG US UZ VN YU ZA ZW; 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)[6] **A61B 17/36, 17/39**

(11) **WO 00/18307** (13) A1

(21) PCT/US99/22683

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/163,849 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ENDOCARDIAL DEVICE FOR PRODUCING REVERSIBLE DAMAGE TO HEART TISSUE
• DISPOSITIF ENDOCARDIAQUE SERVANT A PROVOQUER UNE LESION REVERSIBLE DANS LE TISSU CARDIAQUE

(63) US 09/163,849 (CON) 30 Sep/sep 1998 (30.09.1998)

(71) **HEARTEN MEDICAL** [US/US]; 15042 Parkway Loop, Suite A, Tustin, CA 92780 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAUFER, Michael, D.** [US/US]; 1259 El Camino Real, #211, Menlo Park, CA 94025 (US). **STAMBAUGH, Bruce, D.** [US/US]; 118 South Trevor, Anaheim, CA 92806 (US). **NGUYEN, Hien, V.** [US/US]; 3106 West Borchard Avenue, Santa Ana, CA 92704 (US).

(74) **KREBS, Robert E.**; Burns, Doane, Swecker & Mathis, LLP, P.O. Box 1404, Alexandria, VA 22313–1404 (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 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; 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)[6] **A61B 17/36**

(11) **WO 00/18308** (13) A1

(21) PCT/US99/22694

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/164,419 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE FOR PRODUCING REVERSIBLE DAMAGE TO HEART TISSUE
• DISPOSITIF SERVANT A PROVOQUER UNE LESION REVERSIBLE DANS LE TISSU CARDIAQUE

(63) US 09/164,419 (CIP) 30 Sep/sep 1998 (30.09.1998)

(71) **HEARTEN MEDICAL** [US/US]; 15042 Parkway Loop, Suite A, Tustin, CA 92780 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAUFER, Michael, D.** [US/US]; 1259 El Camino Real, #211, Menlo Park, CA 94025 (US). **STAMBAUGH, Bruce, D.** [US/US]; 118 South Trevor, Anaheim, CA 92806 (US). **NGUYEN, Hien, V.** [US/US]; 3106 West Borchard Avenue, Santa Ana, CA 92704 (US).

(74) **KREBS, Robert, E.**; Burns, Doane, Swecker & Mathis, LLP, P.O. Box 1404, Alexandria, VA 22313–1404 (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 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; 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)[6] **A61B 17/58**

(11) **WO 00/18309** (13) A1

(21) PCT/US99/22700

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/163,946 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BIOABSORBABLE SURGICAL SCREW AND WASHER SYSTEM
• ENSEMBLE RONDELLE ET VIS CHIRURGICALE BIOABSORBABLE

(71) **BIONX IMPLANTS OY** [FI/FI]; Hermiankatu 6–8 L, FIN–33720 Tampere (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TORMALA, Pertti** [FI/FI]; Sarrenkarjenkuja 5 As. 2, FIN–33300 Tampere (FI). **TASTO, James, P.** [US/US]; Suite 200, 6719 Alvarado Road, San Diego, CA 92120 (US).

(74) **MAYER, Richard, L.** et al. / etc.; Kenyon & Kenyon, One Broadway, New York, NY 10004 (US).

(81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **A61B 17/70**

(11) **WO 00/18310** (13) A1

(21) PCT/CH98/00415

(22) **29 Sep/sep 1998 (29.09.1998)**

(25) de (26) de

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE FOR JOINING A LONGITUDINAL SUPPORT AND BONE FIXATION MEANS
• DISPOSITIF POUR ASSEMBLER UN SUPPORT LONGITUDINAL ET UN MOYEN DE FIXATION D'OS

(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)

(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) **SCHLÄPFER, Fridolin** [CH/CH]; Leimen, CH–8750 Glarus (CH). **HESS, Martin** [CH/CH]; Schützenstrasse 2, CH–4434 Hölstein (CH).

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

(81) AU BR CA JP KR MX NZ US; 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] **A61B 17/70**

(11) **WO 00/18311** (13) A1

(21) PCT/IB99/01607

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 98/12243 **30 Sep/sep 1998 (30.09.1998)** FR

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SPINAL OSTEOSYNTHESIS DEVICE WITH MEDIAN VERTEBRAL HOOK
• DISPOSITIF D'OSTEOSYNTHESE VERTEBRALE AVEC CROCHET VERTEBRAL MEDIAN

(71) **SOCIETE DE FABRICATION DE MATERIEL ORTHOPEDIQUE (SOFAMOR)** [FR/FR]; 13, rue de la Perdrix, F–93290 Tremblay en France (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARGENSON, Claude** [FR/FR]; Villa Gimar, 54, boulevard Mont Boron, F–06000 Nice (FR). **DE PERETTI, Ferdinand** [FR/FR]; Le Versailles, Résidence de France, Avenue des Chênes, F–06100 Nice (FR). **HOVORKA, Istvan** [FR/FR]; 259, Promenade des Anglais, F–06200 Nice (FR).

(74) **MARTIN, Jean–Paul**; Cabinet Lavoix, 2, place d'Estienne–d'Orves, F–75441 Paris Cedex 09 (FR).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR 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 TZ UA UG US UZ VN YU ZA ZW; 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 17/70**

(11) **WO 00/18312** (13) A1

(21) PCT/US99/22232

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/161,141 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MULTI–AXIS CONNECTIONS BETWEEN SPINAL STABILIZERS AND SCREWS
• CONNEXIONS A PLUSIEURS AXES ENTRE STABILISATEURS VERTEBRAUX, ET VIS CORRESPONDANTES

(63) US 09/161,141 (CIP)
25 Sep/sep 1998 (25.09.1998)

(71) **PERUMALA CORPORATION** [US/US]; 942 Wild Rose Lane, Brownsville, TX 78520 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PISHARODI, Madhavan** [US/US]; 942 Wild Rose Lane, Brownsville, TX 78520 (US).

(74) **WISNER, Mark, R.**; Wisner & Associates, Suite 930, 2925 Briarpark, Houston, TX 77042–3728 (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 HR 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 TJ TM TR TT UA UG US UZ VN; 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] **A61B 17/86, 17/68**

(11) **WO 00/18313** (13) A1

(21) PCT/US99/22387

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 09/162,036 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INTERNAL CORD FIXATION DEVICE
• DISPOSITIF INTERNE DE FIXATION A CORDON

(71) **DAOS LIMITED** [CA/CA]; 23 Adelaide Street N., Lindsay, Ontario K9V 4S5 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DAKIN, Edward, B.** [CA/CA]; P.O. Box 540, 23 Adelaide Street N., Lindsay, Ontario K9V 4S5 (CA). **LIPPINCOTT, Albert, L., III** [US/US]; 3150 E. 200th Street, Prior Lake, MN 55372 (US).

(74) **HALLER, James, R.** et al. / etc.; Fredrikson & Byron P.A., 1100 International Centre, 900 2nd Avenue South, Minneapolis, MN 55402–3397 (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 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 TZ UA UG US UZ VN YU ZW; 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 18/14**

(11) **WO 00/18314** (13) A1

(21) PCT/US99/22500

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/164,002 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND DEVICE FOR CAUSING A STRICTURE OF A BODY PASSAGEWAY
• METHODE ET DISPOSITIF DE RETRECISSEMENT D'UN PASSAGE CORPOREL

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

(72) **LENNOX, Charles, D.**; 17 Williams Drive, Hudson, NH 03051 (US).

(74) **BLUNDELL, Isabelle, A., S.**; Testa, Hurwitz & Thibeault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).

(81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[7] **A61C 3/00**

(11) **WO 00/18315** (13) A1

(21) PCT/SE99/01483

(22) **30 Aug/août 1999 (30.08.1999)**

(25) sv (26) en

(30) 9803057–0 **10 Sep/sep 1998 (10.09.1998)** SE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DENTAL INSTRUMENT
• INSTRUMENT DENTAIRE

(71) **MEDITEAM DENTALUTVECKLING I GÖTEBORG AB** [SE/SE]; Göteborgsvägen 74, S–433 63 Sävedalen (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STJERNKVIST, Thomas** [SE/SE]; Skanstorget 10 B, S–411 22 Göteborg (SE). **SVENSSON, Thomas** [SE/SE]; Ellösgatan 19, S–416 74 Göteborg (SE).

(74) **HOLMBERG, Claes**; MediTeam AB, Göteborgsvägen 74, S–433 63 Sävedalen (SE).

(81) AU BR CA IL JP KR MX PL RU US ZA; 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] **A61F**

(11) **WO 00/18316** (13) A2

(21) PCT/US99/21957

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 60/101,959 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SUSTAINED RELEASE, AND COMFORTABLE OPHTHALMIC COMPOSITION AND METHOD FOR OCULAR THERAPY
• COMPOSITION OPHTALMIQUE AGREABLE, A LIBERATION PROLONGEE, ET PROCEDE DE THERAPIE OCULAIRE

(71) **ALCON LABORATORIES, INC.** [US/US]; 6201 South Freeway, Fort Worth, TX 76134–2099 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CASTILLO, Ernesto, J.** [US/US]; 6118 Blueridge Court, Arlington, TX 76016 (US). **SARKAR, Ruma** [IN/US]; 6855 High Country Drive, Fort Worth, TX 76132 (US). **SINGH, Onkar, N.** [IN/US]; 5606 Rachel Court, Arlington, TX 76017 (US). **WEINER, Alan, L.** [US/US]; 6615 Nantucket Lane, Arlington, TX 76001 (US). **YARBOROUGH, Cody** [US/US]; 124 N. McKinley Avenue, Fort Collins, CO 80521 (US).

(74) **PRICE, Robert, L.** et al. / etc.; McDermott, Will & Emery, 600 13th Street, N.W., Washington, D.C. 20005 (US).

(81) AU BR CA JP MX US; 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] **A61F**

(11) **WO 00/18317** (13) A2

(21) PCT/US99/22018

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 09/160,647 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • POSTURE AND DEVICE ORIENTATION SENSING AND CALIBRATION FOR IMPLANTABLE MEDICAL DEVICES
• DETECTION D'ORIENTATION DE DISPOSITIF ET DE POSTURE ET ETALONNAGE DE DISPOSITIFS MEDICAUX IMPLANTABLES

(71) **MEDTRONIC, INC.** [US/US]; 7000 Central Avenue Northeast, Minneapolis, MN 55432 (US).

(72) **SHELDON, Todd, J.**; 38 East Pleasant Lake Road, Eagan, MN 55123 (US). **COMBS, William, J.**; 6255 Fallbrook Road, Eden Prairie, MN 55344 (US). **ERICKSON, Mark, K.**; 3217 45th Avenue South, Minneapolis, MN 55406 (US). **CINBIS, Can**; 5686 Pleasant Drive, Shoreview, MN 55126 (US).

(74) **ATLASS, Michael, B.** et al. / etc.; Medtronic, Inc. MS 301, 7000 Central Avenue Northeast, Minneapolis, MN 55432 (US).

(81) CA JP; 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] **A61F 2/00**

(11) **WO 00/18318** (13) A1

(21) PCT/US99/20623

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 09/162,071 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FIBRILLAR MATRICES
• MATRICES FIBRILLAIRES

(71) **THE REGENTS OF THE UNIVERSITY OF MICHIGAN** [US/US]; 3003 South State Street, Ann Arbor, MI 48109–1280 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MA, Peter, X.** [US/US]; 3208 Foxway Court, Ann Arbor, MI 48105 (US). **ZHANG, Ruiyun** [US/US]; 2604 Traver Boulevard, Ann Arbor, MI 48105 (US).

(74) **MACKNIGHT, Kamrin, T.** et al. / etc.; Medlen & Carroll, LLP, Suite 2200, 220 Montgomery Street, San Francisco, CA 94104 (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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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 2/00**

(11) **WO 00/18319** (13) A1

(21) PCT/ZA99/00104

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 98/8945 **30 Sep/sep 1998** ZA **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DISTENSIBLE SLING FOR URINARY INCONTINENCE
• FRONDE SUSCEPTIBLE DE SE DILATER DESTINEE A L'INCONTINENCE URINAIRE

(71) **BURGER, Nicolaas, Daniel, Lombard** [ZA/ZA]; Generaal Louis Botha Drive, 0010 Constantia Park (ZA). **OTTERMANN, Rudolf, Werner** [ZA/ZA]; Farm Wolfshohle, Oorzaak, 0350 Froondal (ZA). **VON WIELLIGH, Adam, Jacobus** [ZA/ZA]; Farm De Kroon, 0250 Brits (ZA).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **PRETORIUS, Johannes, Jacobus** [ZA/ZA]; 101 Rodene Avenue, Lynnrodene, 0040 Pretoria (ZA).

(74) **DUNLOP, Alan, J., S.** et al. / etc.; Hahn & Hahn Inc., 222 Richard Street, Hatfield, 0083 Pretoria (ZA).

(81) AE AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ (Utility model / modèle d'utilité) DE (Utility model / modèle d'utilité) DK (Utility model / modèle d'utilité) DM 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 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; 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 2/02, A61M 1/10**

(11) **WO 00/18320** (13) A1

(21) PCT/US99/22769

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/165,887 **30 Sep/sep 1998** US **(30.09.1998)**

(30) 09/316,611 **21 May/mai 1999** US **(21.05.1999)**

(30) 09/326,416 **4 Jun/juin 1999** US **(04.06.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE AND METHOD FOR RESTRUCTURING HEART CHAMBER GEOMETRY
• DISPOSITIF ET PROCEDE DE RECONSTRUCTION DE LA GEOMETRIE D'UNE CAVITE CARDIAQUE

(71) **THE UNIVERSITY OF CINCINNATI** [US/US]; Room G–7 Wherry Hall, Mail Location 0829, Cincinnati, OH 45267 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MELVIN, David, B.** [US/US]; 1130 Black Horse Run, Loveland, OH 45140 (US).

(74) **ROTMAN, Phillip, A., II** et al. / etc.; Dinsmore & Shohl LLP, 1900 Chemed Center, 255 East Fifth Street, Cincinnati, OH 45202 (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 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; 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)[6] **A61F 2/04**

(11) **WO 00/18321** (13) A1

(21) PCT/US99/20895

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/161,314 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HYDROPHILIC SYNTHETIC BLOOD VESSELS
• VAISSEAUX SANGUINS SYNTHETIQUES HYDROPHILES

(71) **INTERA TECHNOLOGIES, INC.** [US/US]; Bonny Oaks Industrial Park, Building C4301, Founders Way, Chattanooga, TN 37422 (US).

(72) **MALLEN, Ted, A.**; 121 Rolling Hills Drive, Chattanooga, TN 37343 (US).

(74) **KELLY, Richard, D.** et al. / etc.; Oblon, Spivak, McClelland, Maier & Neustadt, P.C., Suite 400, 1755 South Jefferson Davis Highway, Arlington, VA 22202 (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; 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)[6] **A61F 2/06, A61M 29/00**

(11) **WO 00/18322** (13) A1

(21) PCT/AU99/00832

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) PP 6243 **29 Sep/sep 1998** AU **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • EXPANDING INTRALUMINAL DEVICE
• DISPOSITIF INTRALUMINAL DE DILATATION

(71, 72) **WHITE, Geoffrey, H.** [AU/AU]; 22 Nicholson Street, East Balmain, NSW 2041 (AU).

(74) **F B RICE & CO**; 605 Darling Street, Balmain, NSW 2041 (AU).

(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 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; 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 2/06**

(11) **WO 00/18323** (13) A2

(21) PCT/US99/19831

(22) **27 Aug/août 1999 (27.08.1999)**

(25) en (26) en

(30) 09/163,854 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHODS AND APPARATUS FOR CROSSING VASCULAR OCCLUSIONS
• PROCEDES ET DISPOSITIF PERMETTANT DE TRAVERSER DES OCCLUSIONS VASCULAIRES

(71) **LUMEND, INC.** [US/US]; 400 Chesapeake Drive, Redwood City, CA 94063 (US).

(72) **SELMON, Matthew, R.**; 99 Walnut Avenue, Atherton, CA 94027 (US). **MILO, Charles, F.**; 977 East Grant Place, San Mateo, CA 94402 (US). **CO, Fred**; 622 Bucher Avenue, Santa Clara, CA 95051 (US). **CAMPELLO, Mark**; 304 Park Boulevard, Millbrae, CA 94030 (US). **FRENCH, Ronald**; 555 Bryant Street #184, Palo Alto, CA 94301 (US). **AGUILAR, Amiel**; 4020 El Camino Real #2205, Palo Alto, CA 94306 (US).

(74) **GREGORY, Richard, L., Jr.**; Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304–1050 (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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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 2/06, 2/0652**

(11) **WO 00/18324** (13) A2

(21) PCT/US99/22400

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/163,831 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ENDOLUMINAL GRAFTS HAVING CONTINUOUSLY CURVILINEAR WIREFORMS
• GREFFES ENDOLUMINALES COMPORTANT DES FORMES DE FIL CURVILIGNES CONTINUES

(71) **BAXTER INTERNATIONAL INC.** [US/US]; One Baxter Parkway, Deerfield, IL 60015 (US).

(72) **RHEE, Richard**; 24344 Darrin Drive, Diamond Bar, CA 91765 (US). **MCINTYRE, John**; 1163 Cordoba Way, Vista, CA 92083 (US). **OH, Seik**; 26571 White Oaks Drive, Laguna Hills, CA 92653 (US).

(74) **GLUCK, Peter, J.** et al. / etc.; Baxter Healthcare Corporation, P.O. Box 15210, Irvine, CA 92623–5210 (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 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; 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 2/06**

(11) **WO 00/18325** (13) A1

(21) PCT/US99/22542

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/164,173 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FLEXIBLE TRANSMYOCARDIAL IMPLANT TO INDUCE ANGIOGENESIS
• IMPLANT TRANSMYOCARDIQUE SOUPLE INDUISANT L'ANGIOGENESE

(71) **C.R. BARD, INC.** [US/US]; 730 Central Avenue, Murray Hill, NJ 07974 (US).

(72) **GAMBALE, Richard, A.**; 382 Dunstable Road, Tyngsboro, MA 01879 (US). **FORCUCCI, Stephen, J.**; 84 Hibbert Street, Arlington, MA 02174 (US). **WEISER, Michael, F.**; 516 Martin's Pond Road, Groton, MA 01450 (US). **CHOH, Richard, T.**; P.O. Box 1332, Waltham, MA 02154 (US). **FORDE, Sean**; 16 Frank Street, Watertown, MA 02172 (US).

(74) **PERULLO, John, F.**; Kirkpatrick & Lockhart LLP, 75 State Street, Boston, MA 02109–1808 (US).

(81) CA JP MX; 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] **A61F 2/06**

(11) **WO 00/18326** (13) A1

(21) PCT/US99/22543

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/164,163 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FLEXIBLE TRANSMYOCARDIAL IMPLANT ANGIOGENESIS
• ANGIOGENESE INDUITE PAR UN IMPLANT TRANSMYOCARDIQUE SOUPLE

(71) **C. R. BARD, INC.** [US/US]; 730 Central Avenue, Murray Hill, NJ 07974 (US).

(72) **GAMBALE, Richard, A.**; 382 Dunstable Road, Tyngsboro, MA 01879 (US). **FORCUCCI, Stephen, J.**; 84 Hibbert Street, Arlington, MA 02174 (US). **WEISER, Michael, F.**; 516 Martin's Pond Road, Groton, MA 01450 (US). **CHOH, Richard, T.**; P.O. Box 1332, Waltham, MA 02154 (US). **FORDE, Sean**; 16 Frank Street, Watertown, MA 02172 (US).

(74) **PERULLO, John, F.**; Kirkpatrick & Lockhart LLP, 75 State Street, Boston, MA 02109–1808 (US).

(81) CA JP MX; 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] **A61F 2/06**

(11) **WO 00/18327** (13) A1

(21) PCT/US99/22806

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/105,768 **30 Sep/sep 1998** US **(30.09.1998)**

(30) 09/321,496 **27 May/mai 1999** US **(27.05.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FLUID CONTAINING ENDOLUMINAL STENT
• EXTENSEUR ENDOLUMINAL CONTENANT UN FLUIDE

(71) **IMPRA, INC.** [US/US]; 1625 West 3rd Street, P.O. Box 1740, Tempe, AZ 85280–1740 (US).

(72) **EDWIN, Tarun**; 1655 W. Tyson, Chandler, AZ 85224 (US). **BANAS, Christopher**; 102 Rock Squirrel, San Antonio, TX 78231 (US).

(74) **KIRCHANSKI, Stefan, J.** et al. / etc.; Graham & James LLP, 14th Floor, 801 S. Figueroa Street, Los Angeles, CA 90017–5554 (US).

(81) CA JP MX; 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] **A61F 2/06**

(11) **WO 00/18328** (13) A1

(21) PCT/US99/22808

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,518 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SELECTIVE ADHERENCE OF STENT–GRAFT COVERINGS, MANDREL AND METHOD OF MAKING STENT–GRAFT DEVICE
• ENVELOPPES D'EXTENSEUR IMPLANTABLE A ADHERENCE SELECTIVE, MANDRIN A CET EFFET ET PROCEDE DE FABRICATION DE CET EXTENSEUR IMPLANTABLE

(71) **IMPRA, INC.** [US/US]; 1625 West 3rd Street, P.O. Box 1740, Tempe, AZ 85280–1740 (US).

(72) **EDWIN, Tarun**; 1655 W. Tyson Street, Chandler, AZ 85224 (US). **RANDALL, Scott, L.**; 1803 East Nido Avenue, Mesa, AZ 85202 (US). **BANAS, Christopher**; 102 Rock Squirrel, San Antonio, TX 78231 (US). **MCCREA, Brendan**; 4158 East Graythorn Avenue, Mesa, AZ 85044 (US).

(74) **KIRCHANSKI, Stefan, J.** et al. / etc.; Graham & James LLP, 14th floor, 801 S. Figueroa Street, Los Angeles, CA 90017–5554 (US).

(81) CA JP MX; 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] **A61F 2/06**

(11) **WO 00/18329** (13) A1

(21) PCT/US99/22812

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,404 **30 Sep/sep 1998** US **(30.09.1998)**

(30) 09/310,763 **12 May/mai 1999** US **(12.05.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • APPARATUS FOR LOADING A BAG ENCLOSED STENT ON A CATHETER
• DISPOSITIF PERMETTANT DE MUNIR UN CATHETER D'UN EXTENSEUR ENFERME DANS UNE POCHE

(71) **IMPRA, INC.** [US/US]; 1625 West 3rd Street, P.O. Box 1740, Tempe, AZ 85280–1740 (US).

(72) **LAYNE, Richard**; 2220 E. Bellerive Place, Chandler, AZ (US).

(74) **KIRCHANSKI, Stefan, J.** et al. / etc.; Graham & James LLP, 14th floor, 801 S. Figueroa Street, Los Angeles, CA 90017–5554 (US).

(81) CA JP MX; 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] **A61F 2/06**

(11) **WO 00/18330** (13) A1

(21) PCT/US99/22825

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,498 **30 Sep/sep 1998** US **(30.09.1998)**

(30) Not furnished / non communiqué **30 Sep/sep 1999** US **(30.09.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DELIVERY MECHANISM FOR IMPLANTABLE STENT
• MECANISME DE MISE EN PLACE D'EXTENSEUR IMPLANTABLE

(71) **IMPRA, INC.** [US/US]; 1625 West 3rd Street, P.O. Box 1740, Tempe, AZ 85280–1740 (US).

(72) **BROOKS, Christopher, J.**; 13 Meadow Lane, Glen Head, NY 11545 (US). **MCCREA, Brendan**; 4158 Greythorn Avenue, Phoenix, AZ 85044 (US). **VANROYEN, Donald**; Apartment 4B, 284 West End Avenue, New York, NY 10023 (US).

(74) **KIRCHANSKI, Stefan, J.** et al. / etc.; Graham & James LLP, 14th floor, 801 S. Figueroa Street, Los Angeles, CA 90017–5554 (US).

(81) CA JP MX; 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] **A61F 2/0656, 2/0652, A61L 31/0056, 51/1256**

(11) **WO 00/18331** (13) A2

(21) PCT/US99/22640

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/162,547 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DRUG DELIVERY SYSTEMS
• SYSTEMES D'ADMINISTRATION DE MEDICAMENTS

(71) **C. R. BARD, INC.** [US/US]; 730 Central Avenue, Murray Hill, NJ 07974 (US).

(72) **GAMBALE, Richard, A.**; 382 Dunstable Road, Tyngsboro, MA 01879 (US).

(74) **PERULLO, John, F.**; Kirkpatrick & Lockhart LLP, 75 State Street, Boston, MA 02109–1808 (US).

(81) CA JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **A61F 2/08**

(11) **WO 00/18332** (13) A1

(21) PCT/US99/22701

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/163,998 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CHUTE FOR ENDOSTEAL LIGAMENT FIXATION
• GUIDE SERVANT A FIXER UN LIGAMENT DANS L'ENDOSTEUM

(71) **BIONX IMPLANTS OY** [FI/FI]; Hermiankatu 6–8 L, FIN–33720 Tampere (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TORMALA, Pertti** [FI/FI]; Saarenkajenkuja 5 As. 2, FIN–33300 Tampere (FI). **TASTO, James, P.** [US/US]; Suite 200, 6719 Alvarado Road, San Diego, CA 92120 (US).

(74) **MAYER, Richard, L.** et al. / etc.; Kenyon & Kenyon, One Broadway, New York, NY 10004 (US).

(81) AU CA JP US; 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] **A61F 2/24**

(11) **WO 00/18333** (13) A1

(21) PCT/US99/21997

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 09/161,809 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HEART VALVE HAVING TISSUE RETENTION WITH ANCHORS AND AN OUTER SHEATH
• VALVULE CARDIAQUE PRESENTANT UN DISPOSITIF DE RETENTION DE TISSUS COMPRENANT DES POINTS D'ANCRAGE ET UNE GAINE EXTERIEURE

(63) US 09/161,809 (CON) 28 Sep/sep 1998 (28.09.1998)

(71) **AUTOGENICS** [GB/GB]; 5.02 Kelvin Campus, West of Scotland Science Park, Glasgow G20 0SP (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LANE, Ernest** [US/US]; 8542 Keel Drive, Huntington Beach, CA 92646 (US). **TOMPKINS, David** [GB/GB]; 24a Sidney Road, Walton–on–Thames, Surrey KT12 2NA (GB). **HEMSLEY, David** [GB/GB]; 23 Hill Rise, Rickmansworth, Hertz WD3 2NY (GB).

(74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson & Bear, LLP, Sixteenth Floor, 620 Newport Center Drive, Newport Beach, CA 92660 (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 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; 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 2/24**

(11) **WO 00/18334** (13) A1

(21) PCT/US99/22255

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/161,045 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MECHANICAL HEART VALVE ASSEMBLY WITH SUPER–ELASTIC LOCK WIRE
• ENSEMBLE VALVULE CARDIAQUE MECANIQUE A FIL DE BLOCAGE SUPER–ELASTIQUE

(71) **SULZER CARBOMEDICS INC.** [US/US]; 1300 East Anderson Lane, Austin, TX 78752 (US).

(72) **JONES, Melanie, E.**; 3106 Hailey Lane, Round Rock, TX 78664 (US). **KELLEY, Timothy, A.**; 903 Oaklands Drive, Round Rock, TX 78681 (US). **SCOGGINS, Rebecca**; 2507 Inwood Place, Austin, TX 78703 (US). **COLVIN, James, L.**; 3934 Lago Vista Drive, Austin, TX 78734 (US). **MORTON, Michael, C.**; 4110 Sevilla Drive, Georgetown, TX 78628 (US). **NELSON, Kathryn, M.**; 7504 Reed Drive, Leander, TX 78641 (US). **SINGLETON, Bill**; 206 Oakwood Drive, Georgetown, TX 78628 (US). **SAUTER, Joseph, A.**; 5101 Beverly Skyline, Austin, TX 78731 (US). **WILSON, Anne**; 6203 Plum Hollow Overlook, Austin, TX 78746 (US). **DEBUTTS, Jack**; 7814 Cheno Cortina Trail, Austin, TX 78749 (US). **NOETH, Carrie**; 3906 Hillside Drive, Round Rock, TX 78681 (US).

(74) **SCOTT, Timothy, L.**; Sulzer Medica USA Inc., Suite 1600, 3 East Greenway Plaza, Houston, TX 77046 (US).

(81) CA JP; 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] **A61F 2/40**

(11) **WO 00/18335** (13) A1

(21) PCT/US99/22263

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/163,065 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IMPLANTABLE HUMERAL PROSTHESIS HAVING OFFSET HEAD AND STEM CONNECTION
• PROTHESE HUMERALE IMPLANTABLE A TETE MONTEE DE FAÇON EXCENTREE SUR LA TIGE

(71) **SULZER ORTHOPEDICS INC.** [US/US]; 9900 Spectrum Drive, Austin, TX 78717 (US).

(72) **PRYBYLA, Robert, G.**; 2 Woodhollow Trail, Round Rock, TX 78664 (US).

(74) **LYREN, Philip, S.**; Sulzer Medica USA Inc., Suite 1600, 3 East Greenway Plaza, Houston, TX 77046 (US).

(81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **A61F 5/00, A61K 51/00**

(11) **WO 00/18336** (13) A1

(21) PCT/US99/21641

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 09/162,721 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TARGETED THERAPY TO A BIOMEDICAL DEVICE
• THERAPIE CIBLEE SUR UN DISPOSITIF BIOMEDICAL

(71) **S.E.T.–SMART ENDOLUMENAL TECHNOLOGIES LTD.** [IL/IL]; Antke Street 68, 96782 Jerusalem (IL).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **FRIEDMAN, Mark, M.** [US/IL]; Alharizi Street 1, 43406 Raanana (IL).
(only for / seulement pour TJ)

(72, 75) **MOSSERI, Salomon** [IL/FR]; 9, rue Etex, F–75018 Paris (FR).

(74) **FRIEDMAN, Mark, M.**; c/o CASTORINA, Anthony, Suite 207, 2001 Jefferson Davis Highway, Arlington, VA 22202 (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; 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 5/01**

(11) **WO 00/18337** (13) A1

(21) PCT/SE99/01680

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 9803257–6 **25 Sep/sep 1998** SE **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • KNEE BRACE WITH SAGITTAL ADJUSTMENT
• ORTHESE DE GENOU COMPORTANT UN REGLAGE SAGITTAL

(71) **CAMP SCANDINAVIA AB** [SE/SE]; Karbingatan 38, S–254 67 Helsingborg (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SMITS, Jan, F., A.** [NL/NL]; Holterbergweide 26, NL–5709 MP Helmond (NL).

(74) **ALBIHNS PATENTBYRÅ MALMÖ AB**; P.O. Box 4289, S–203 14 Malmö (SE).

(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 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; 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)[6] **A61F 7/02, 13/00, 13/02, A61L 15/00, A01N 25/34**

(11) **WO 00/18338** (13) A1

(21) PCT/US99/21140

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 09/162,587 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHODS AND APPARATUS FOR IMPROVED ADMINISTRATION OF FENTANYL AND SUFENTANIL
• PROCEDE ET APPAREIL D'ADMINISTRATION DE FENTANYL ET DE SUFFENTANIL

(71) **ZARS, INC.** [US/US]; Suite 320, 350 West 800 North, Salt Lake City, UT 84103 (US).

(72) **ZHANG, Jie**; 6232 South Lorreen Drive, Salt Lake City, UT 84121 (US). **ZHANG, Hao**; Apartment 15J, 5306 Cobble Creek Road, Salt Lake City, UT 84117 (US).

(74) **KRIEGER, Michael, F.** et al. / etc.; Kirton & McConkie, 1800 Eagle Gate Tower, Salt Lake City, UT 84111 (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 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; 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 7/02, 13/00, 13/02, A61L 15/00, A61M 37/00, A01N 25/34**

(11) **WO 00/18339** (13) A1

(21) PCT/US99/22698

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/162,890 **29 Sep/sep 1998** US **(29.09.1998)**

(30) 09/317,313 **24 May/mai 1999** US **(24.05.1999)**

(30) 09/317,372 **24 May/mai 1999** US **(24.05.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHODS AND APPARATUS FOR IMPROVED ADMINISTRATION OF PHARMACEUTICALLY ACTIVE COMPOUNDS
• PROCEDES ET DISPOSITIFS SERVANT A AMELIORER L'ADMINISTRATION DE COMPOSES ACTIFS SUR LE PLAN PHARMACEUTIQUE

(71) **ZARS, INC.** [US/US]; Suite 320, 350 West 800 North, Salt Lake City, UT 84103 (US).

(72) **ZHANG, Jie**; 6232 South Lorreen Drive, Salt Lake City, UT 84121 (US). **ZHANG, Hao**; Apartment 15J, 5306 Cobble Creek Road, Salt Lake City, UT 84117 (US).

(74) **KRIEGER, Michael, F.** et al. / etc.; Kirton & McConkie, 1800 Eagle Gate Tower, Salt Lake City, UT 84111 (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 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; 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 9/007**

(11) **WO 00/18340** (13) A1

(21) PCT/US99/21054

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 09/163,985 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IRRIGATION SLEEVE FOR PHACOEMULSIFICATION APPARATUS
• GAINE D'IRRIGATION POUR APPAREIL DE PHACOEMULSIFICATION

(71) **ALLERGAN SALES, INC.** [US/US]; 2525 Dupont Drive, Irvine, CA 92612 (US).

(72) **ROCKLEY, Paul, W.**; 14 Mattina Drive, Newport Coast, CA 92657 (US).

(74) **DONOVAN, Stephen** et al. / etc.; Allergan Sales, Inc., 2525 Dupont Drive, Irvine, CA 92612 (US).

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

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(51)[6] **A61F 11/00**

(11) **WO 00/18341** (13) A1

(21) PCT/US99/19833

(22) **30 Aug/août 1999 (30.08.1999)**

(25) en (26) en

(30) 09/161,654 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DIVING MASK SUPPLEMENTED WITH A DEVICE FOR EQUALIZING PRESSURE ACROSS THE EARDRUM OF DIVERS
• MASQUE DE PLONGEE EQUIPE D'UN DISPOSITIF D'EQUILIBRAGE DE LA PRESSION DE PART ET D'AUTRE DE LA MEMBRANE TYMPANIQUE

(71) **SAFE DIVE LTD.** [IL/IL]; Katzir Street 2a, Tel Hashomer, 52656 Ramat Gan (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHARON, Arieh** [IL/IL]; Bet Shamai 11, 52404 Ramat Gan (IL). **ROSENSTEIN, Howard** [US/IL]; P.O.Box 234, 40295 Hofit (IL).

(74) **FRIEDMAN, Mark, M.**; c/o Castorina, Anthony, Suite 207, 2001 Jefferson Davis Highway, Arlington, VA 22202 (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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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)[6] **A61F 11/00**

(11) **WO 00/18342** (13) A1

(21) PCT/US99/22561

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,529 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • STENT DELIVERY SYSTEM
• SYSTEME DE POSE DE STENTS

(71, 72) **YADAV, Jay, S.** [US/US]; 109 Waverly Lane, South Russell, OH 44022 (US).

(74) **DIPPERT, William, H.** et al. / etc.; Cowan, Liebowitz & Latman, P.C., 1133 Avenue of the Americas, New York, NY 10036–6799 (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 US UZ VN YU ZW; 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 13/00**

(11) **WO 00/18343** (13) A1

(21) PCT/IB99/01570

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 98/8838 **28 Sep/sep 1998 (28.09.1998)** ZA

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A WOUND DRESSING
• PANSEMENT

(71, 72) **MOUTON, Johannes, Petrus** [ZA/ZA]; 70 Adriana Crescent, Gateway, Centurion, 0014 Pretoria (ZA).

(74) **FORBES, Craig, Paul**; Adams & Adams, 1140 Prospect Street, Hatfield, 0083 Pretoria (ZA).

(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 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; 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 13/08, G01L 5/00, G01M 19/00**

(11) **WO 00/18344** (13) A1

(21) PCT/US99/21676

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 60/101,700 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND DEVICE FOR MEASURING DONNING PROPERTIES OF HOSIERY
• PROCEDE ET DISPOSITIF POUR MESURER LES PROPRIETES DE MISE EN PLACE D'UN ARTICLE DE BONNETERIE

(71) **BEIERSDORF–JOBST, INC.** [US/US]; 5825 Carnegie Boulevard, Charlotte, NC 28209–4633 (US).
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(72, 75) **YAKOPSON, Simon, Myron** [US/US]; 710 36th Avenue, NE, Hickory, NC 28601 (US). **LOVELESS, John, David** [US/US]; 1321 32nd Street, S.W., Hickory, NC 28602 (US). **TUCKER, Devin, Michael** [US/US]; 3520 Honeysuckle Drive, Matthews, NC 28105 (US).

(74) **LIPSCOMB, Ernest, B., III** et al. / etc.; Alston & Bird LLP, P.O. Drawer 34009, Charlotte, NC 28234–4009 (US).

(81) AU US; 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] **A61F 13/20**

(11) **WO 00/18345** (13) A1

(21) PCT/FI99/00779

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) fi (26) en

(30) 982079 **28 Sep/sep 1998 (28.09.1998)** FI

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TAMPON WITH INDICATION MEANS
• TAMPON AVEC MOYEN INDICATEUR

(71, 72) **TOJKANDER, Erja, Anita, Helena** [FI/FI]; Koivutie 8, FIN–18200 Heinola (FI).

(74) **LAITINEN, Pauli, S.**; Patentti–Laitinen Oy, P.O. Box 29, FIN–02771 Espoo (FI).

(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; 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] **A61G 5/10**

(11) **WO 00/18346** (13) A1

(21) PCT/SE99/01500

(22) **1 Sep/sep 1999 (01.09.1999)**

(25) sv (26) en

(30) 9803137–0 **16 Sep/sep 1998 (16.09.1998)** SE

(30) 9803561–1 **16 Oct/oct 1998 (16.10.1998)** SE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • WHEELCHAIR HAND RIM WITH FRICTION
• VOLANT DE MANOEUVRE DE CHAISE ROULANTE AVEC FROTTEMENT

(71, 72) **NIKLASSON, Karl–Olof** [SE/SE]; Lycke 3785, S–453 91 Lysekil (SE).

(74) **CEGUMARK AB**; Box 53047, S–400 14 Göteborg (SE).

(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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **A61H**

(11) **WO 00/18347** (13) A2

(21) PCT/US99/22070

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 60/102,468 **30 Sep/sep 1998 (30.09.1998)** US

(30) 09/399,023 **20 Sep/sep 1999 (20.09.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INTERACTIVE PRESSURE SUPPORT SYSTEM AND METHOD
• SYSTEME INTERACTIF D'ASSISTANCE PAR PRESSURISATION ET PROCEDE CORRESPONDANT

(71) **RESPIRONICS, INC.** [US/US]; 1501 Ardmore Boulevard, Pittsburgh, PA 15221–4401 (US).

(72) **MECHLENBURG, Douglas, M.**; 2155 Cayuga Drive, Pittsburgh, PA 15239 (US). **ESTES, Mark, C.**; Mini–Med Co., 12744 San Fernando Road, Sylmar, CA 91342 (US).

(74) **GASTINEAU, Cheryl L.**; Reed Smith Shaw & McClay, LLP, P.O. Box 488, Pittsburgh, PA 15230 (US).

(81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **A61H 5/00**

(11) **WO 00/18348** (13) A1

(21) PCT/US99/22554

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,599 **1 Oct/oct 1998 (01.10.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ANKLE BRACE
• DISPOSITIF DE MAINTIEN POUR CHEVILLE

(71, 72) **ASCHEMAN, James, M.** [US/US]; 1908 Ridgewood Avenue, White Bear Lake, MN 55110 (US).

(74) **SHERRILL, Michael, S.** et al. / etc.; Michael S. Sherrill Law Offices, Suite 200, 4756 Banning Avenue, White Bear Lake, MN 55110–3205 (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; 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).

(51)[7] **A61H 33/06**

(11) **WO 00/18349** (13) A1

(21) PCT/FI99/00787

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) fi (26) en

(30) 982065 **25 Sep/sep 1998 (25.09.1998)** FI

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR CONTROLLING AN ELECTRIC SAUNA STOVE
• PROCEDE DE COMMANDE D'UN POELE ELECTRIQUE DE SAUNA

(71, 72) **SIRKJÄRVI, Paavo** [FI/FI]; Kuovinkuja 3, FIN–15610 Lahti (FI). **VALLITTU, Jouko** [FI/FI]; Otsokatu 15, FIN–15900 Lahti (FI).

(74) **BERGGREN OY AB**; P.O. Box 16, FIN–00101 Helsinki (FI).

(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 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; 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] **A61J 7/04**

(11) **WO 00/18350** (13) A1

(21) PCT/SE99/01612

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) sv (26) en

(30) 9803259–2 **25 Sep/sep 1998 (25.09.1998)** SE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • RESPONSE BLANK
• FORMULAIRE

(71) **CYPAK AB** [SE/SE]; Svanvägen 16, S–183 77 Täby (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EHRENSVÄRD, Jakob** [SE/SE]; Svanvägen 16, S–183 77 Täby (SE). **GRIP, Stina** [SE/SE]; Svanvägen 16, S–183 77 Täby (SE).

(74) **LENNEFORS, Stefan** et al. / etc.; AB Stockholms Patentbyrå, Zacco & Bruhn, P.O. Box 23101, S–104 35 Stockholm (SE).

(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 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; 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 00/18351** (13) A2

(21) PCT/US99/19836

(22) **30 Aug/août 1999 (30.08.1999)**

(25) en (26) en

(30) 09/146,755 **4 Sep/sep 1998 (04.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AGLYCO PRODUCTS AND METHODS OF USE
• PRODUITS AGLYCO ET UTILISATION DE CEUX–CI

(71, 72) **BOGOCH, Samuel** [CA/US]; 46 East 91st Street, New York, NY 10028 (US). **BOGOCH, Elenore, S.** [US/US]; 46 East 91st Street, New York, NY 10028 (US).

(74) **BRAINARD, Charles, R.** et al. / etc.; Kenyon & Kenyon, Suite 700, 1500 K Street, N.W., Washington, DC 20005 (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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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 00/18352** (13) A2

(21) PCT/US99/22166

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/102,020 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A METHOD FOR TREATING INFLAMMATORY DISEASES BY ADMINISTERING A THROMBIN INHIBITOR
• PROCEDE DE TRAITEMENT DE MALADIES INFLAMMATOIRES PAR ADMINISTRATION D'UN INHIBITEUR DE LA THROMBINE

(71) **MERCK & CO., INC.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHAFER, Jules** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). **VISCO, Denise, M.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).

(74) **MERCK & CO., INC.**; 126 East Lincoln Avenue, Rahway, NJ 07065 (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 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 US UZ VN YU ZA ZW; 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 00/18353** (13) A2

(21) PCT/US99/22354

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 60/102,056 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A NOVEL INHIBITOR OF CATARACT FORMATION
• NOUVEL INHIBITEUR DE FORMATION DE CATARACTE

(71) **THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK** [US/US]; P.O. Box 9, Albany, NY 12201–0009 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RYAN, Maria, Emanuel** [US/US]; 5 Vannina Place, Huntington, NY 11743 (US). **GOLUB, Lorne, M.** [US/US]; 29 Whitney Gate, Smithtown, NY 11787 (US). **RAMAMURTHY, Nungavaram, S.** [US/US]; 10 Lynam Court, Smithtown, NY 11787 (US).

(74) **BARON, Ronald, J.**; Hoffmann & Baron, LLP, 6900 Jericho Turnpike, Syosset, NY 11791 (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 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; 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 00/18354** (13) A2

(21) PCT/US99/22771

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,397 **30 Sep/sep 1998 (30.09.1998)** US

(30) 60/102,398 **30 Sep/sep 1998 (30.09.1998)** US

(30) 60/136,190 **27 May/mai 1999** US **(27.05.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INVAPLEX FROM GRAM NEGATIVE BACTERIA, METHOD OF PURIFICATION AND METHODS OF USE
• INVAPLEX OBTENU A PARTIR DE BACTERIES A GRAM NEGATIF, PROCEDE DE PURIFICATION ET PROCEDES D'UTILISATION

(71) **WALTER REED ARMY INSTITUTE OF RESEARCH** [US/US]; Dept. of the Army, Washington, DC (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OAKS, Edwin, V.** [US/US]; 3106 Arrowhead Farms Road, Gambrills, MD 21054 (US). **TURBYFILL, Kevin, Ross** [US/US]; 10198 Further Lane, Waldorf, MD 20601 (US).

(74) **HARRIS, Charles, H.** et al. / etc.; United States Army Medical Research and Material Command, 504 Scott Street, Fort Detrick, MD 21702 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; 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 00/18355** (13) A2

(21) PCT/US99/22772

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 60/102,397 **30 Sep/sep 1998** US **(30.09.1998)**

(30) 60/102,398 **30 Sep/sep 1998** US **(30.09.1998)**

(30) 60/136,190 **27 May/mai 1999** US **(27.05.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • USE OF PURIFIED INVAPLEX FROM GRAM NEGATIVE BACTERIA AS A VACCINE
• UTILISATION EN TANT QUE VACCIN D'INVAPLEX PURIFIE OBTENU A PARTIR DE BACTERIES A GRAM NEGATIF

(71) **WALTER REED ARMY INSTITUTE OF RESEARCH** [US/US]; Dept. of the Army, Washington, DC (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OAKS, Edwin, V.** [US/US]; 3106 Arrowhead Farms Road, Gambrills, MD 21054 (US). **TURBYFILL, Kevin, Ross** [US/US]; 10198 Further Lane, Waldorf, MD 20601 (US). **HARTMAN, Antoinette, Berrong** [US/US]; 13128 Clifton Road, Silver Spring, MD 20904 (US).

(74) **HARRIS, Charles, H.**; United States Army Medical Research and Material Command, 504 Scott Street, Fort Detrick, MD 21702 (US) et al. / etc.

(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 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; 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 6/00**

(11) **WO 00/18356** (13) A1

(21) PCT/GB99/03242

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/163,698 **30 Sep/sep 1998** US **(30.09.1998)**

(30) 09/407,649 **28 Sep/sep 1999** US **(28.09.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IMPROVED DENTURE ADHESIVE
• ADHESIF AMELIORE POUR DENTIER

(71) **BLOCK DRUG COMPANY, INC.** [US/US]; 257 Cornelison Avenue, Jersey City, NJ 07302 (US).
(for all designated States except / pour tous les États désignés sauf SD)

(71) **WHALLEY, Kevin** [GB/GB]; 57–60 Lincoln's Inn Fields, London WC2A 3LS (GB).
(only for / seulement pour SD)

(72) **CLARKE, Hal, Christopher**; 815 Sharon Court, Woodbridge, NJ 07095 (US).

(74) **ABLEWHITE, Alan, James**; Marks & Clerk, 57–60 Lincoln's Inn Fields, London WC2A 3LS (GB).

(81) AU BR CA JP KR MX SD; 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 7/00, 9/107**

(11) **WO 00/18357** (13) A1

(21) PCT/EP99/06865

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) de (26) de

(30) 198 43 876.1 **25 Sep/sep 1998** DE **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SELF–EMULSIFYING WATER–IN–OIL EMULSION BASES
• BASES D'EMULSIONS DU TYPE EAU DANS L'HUILE AUTO–EMULSIONNANTES

(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, D–40589 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANSMANN, Achim** [DE/DE]; Kirchberg 25, D–40699 Erkrath (DE). **BRÜNING, Stefan** [DE/DE]; Benrather Schlossallee 14, D–40597 Düsseldorf (DE). **KAWA, Rolf** [DE/DE]; Fontanestrasse 28, D–40789 Monheim (DE). **STRAUSS, Gabriele** [DE/DE]; Wiedfeld 2, D–40589 Düsseldorf (DE).

(81) AU BG BR BY CA CN CZ HU ID IN IS JP KR LT LV MX NO NZ PL RO RU SI SK TR UA US ZA; 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 7/00**

(11) **WO 00/18358** (13) A2

(21) PCT/US99/22215

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/102,458 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD OF TREATING HAIR LOSS USING KETOAMIDES
• METHODE DE TRAITEMENT DE LA CHUTE DES CHEVEUX AU MOYEN DE CETOAMIDES

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

(72) **TIESMAN, Jay, Patrick**; 6353 Delcrest Drive, Fairfield, OH 45014 (US). **FULMER, Andrew, Wayne**; 6452 Wilderness Trail, West Chester, OH 45069 (US). **MCIVER, John, McMillan**; 9999 Indian Springs Drive, Cincinnati, OH 45241 (US). **DEGENHARDT, Charles, Raymond**; 10555 Wellingwood Court, Cincinnati, OH 45240 (US). **EICKHOFF, David, Joseph**; 505 Garden Way, Edgewood, KY 41017 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217–1087 (US).

(81) AU BR CA CN JP MX; 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 7/06**

(11) **WO 00/18359** (13) A1

(21) PCT/FR99/02275

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) fr (26) fr

(30) 98/12039 **25 Sep/sep 1998** FR **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • COSMETIC COMPOSITION COMPRISING AT LEAST A POLYMER OBTAINABLE FROM A HYDROXYSTYRENE
• COMPOSITION COSMETIQUE COMPRENANT AU MOINS UN POLYMERE SUSCEPTIBLE D'ETRE OBTENU A PARTIR D'HYDROXYSTYRENE

(71) **L'OREAL** [FR/FR]; 14, rue Royale, F–75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DUPUIS, Christine** [FR/FR]; 15, rue Seveste, F–75018 Paris (FR). **ROBINAULT, Jean–Luc** [FR/FR]; 50, rue du Landy, F–92110 Clichy (FR).

(74) **MISZPUTEN, Laurent**; L'Oréal / D.P.I., 6, rue Bertrand Sincholle, F–92585 Clichy Cedex (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 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; 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 00/18360** (13) A1

(21) PCT/FR99/02276

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) fr (26) fr

(30) 98/12040 **25 Sep/sep 1998** FR **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • USE OF POLYMERS OBTAINABLE FROM HYDROXYSTYRENE IN HAIR COMPOSITIONS
• UTILISATION DE POLYMERES SUSCEPTIBLES D'ETRE OBTENUS A PARTIR D'HYDROXYSTYRENE DANS DES COMPOSITIONS CAPILLAIRES

(71) **L'OREAL** [FR/FR]; 14, rue Royale, F–75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DUPUIS, Christine** [FR/FR]; 15, rue Seveste, F–75018 Paris (FR).

(74) **MISZPUTEN, Laurent**; L'Oréal / D.P.I., 6, rue Bertrand Sincholle, F–92585 Clichy Cedex (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 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; 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 00/18361** (13) A2

(21) PCT/US99/22214

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/102,437 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD OF TREATING HAIR LOSS USING SULFONAMIDES
• PROCEDE DE TRAITEMENT DE LA CHUTE DE CHEVEUX PAR ADMINISTRATION DE SULFONAMIDES

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

(72) **TIESMAN, Jay, Patrick**; 6353 Delcrest Drive, Fairfield, OH 45014 (US). **FULMER, Andrew, Wayne**; 6452 Wilderness Trail, West Chester, OH 45069 (US). **MCIVER, John, McMillan**; 9999 Indian Springs Drive, Cincinnati, OH 45241 (US). **DEGENHARDT, Charles, Raymond**; 10555 Wellingwood Court, Cincinnati, OH 45240 (US). **EICKHOFF, David, Joseph**; 505 Garden Way, Edgewood, KY 41017 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217–1087 (US).

(81) AU BR CA CN JP MX; 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 7/06**

(11) **WO 00/18362** (13) A1

(21) PCT/ZA99/00102

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 98/7846 **28 Sep/sep 1998** ZA **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HAIR GROWTH STIMULANT
• STIMULANT DE LA POUSSE DE CHEVEUX

(71) **PETERSEN, Sharleen, Caron** [ZA/ZA]; 18 Alwen Road, Evans Park, Ormonde, 2091 Gauteng Province (ZA).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **PETERSEN, Gavin, Deon** [ZA/ZA]; 18 Alwen Road, Evans Park, Ormonde, 2091 Gauteng Province (ZA).

(74) **JOHN & KERNICK**; P.O. Box 3511, 1685 Halfway House (ZA).

(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; 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)[6] **A61K 7/075**

(11) **WO 00/18363** (13) A1

(21) PCT/US99/21038

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 09/161,356 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IMPROVED SHAMPOOS AND CONDITIONERS CONTAINING ESTOLIDES
• SHAMPOOINGS ET REVITALISANTS AMELIORES CONTENANT DES ESTOLIDES

(71) **THE UNITED STATES OF AMERICA, as represented by THE SECRETARY OF AGRICULTURE** [US/US]; 1400 Independence Avenue S.W., Washington, DC 20250–0302 (US). **THE FANNING CORPORATION** [US/US]; 2450 West Hubbard Street, Chicago, IL 60612 (US).

(72) **ISBELL, Terry, A.**; 6114 Windish Road, Elmwood, IL 61529 (US). **ABBOTT, Thomas, P.**; 2016 Del Ray, Peoria, IL 61614 (US). **DWORAK, John, A.**; 5925 W. Giddings, Chicago, IL 61630 (US).

(74) **PENDORF, Stephan, A.** et al. / etc.; Pendorf & Cutliff, P.O. Box 20445, Tampa, FL 33622–0445 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR 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 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; 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)[6] **A61K 7/16, A46B 9/04, A61C 17/00**

(11) **WO 00/18364** (13) A1

(21) PCT/JP99/04935

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) ja (26) ja

(30) 10/271721 **25 Sep/sep 1998 (25.09.1998)** JP

(30) 10/362263 **21 Dec/déc 1998 (21.12.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • COMPOSITIONS FOR ORAL CAVITY
• COMPOSITIONS POUR CAVITE BUCCALE

(71) **KAO CORPORATION** [JP/JP]; 14–10, Nihonbashikayabacho 1–chome, Chuo–ku, Tokyo 103–8210 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAYANE, Shigeto** [JP/JP]; Kao Corporation Research Laboratories, 1–3, Bunka 2–chome, Sumida–ku, Tokyo 131–8501 (JP). **YANOU, Yoshitaka** [JP/JP]; Kao Corporation Research Laboratories, 1–3, Bunka 2–chome, Sumida–ku, Tokyo 131–8501 (JP). **FUJINAKA, Hidetake** [JP/JP]; Kao Corporation Research Laboratories, 1–3, Bunka 2–chome, Sumida–ku, Tokyo 131–8501 (JP). **YOSHIDA, Hidenori** [JP/JP]; Kao Corporation Research Laboratories, 1–3, Bunka 2–chome, Sumida–ku, Tokyo 131–8501 (JP). **MURAKAMI, Yoshinori** [JP/JP]; Kao Corporation Research Laboratories, 1–3, Bunka 2–chome, Sumida–ku, Tokyo 131–8501 (JP). **SUZUKI, Akira** [JP/JP]; Kao Corporation Research Laboratories, 1–3, Bunka 2–chome, Sumida–ku, Tokyo 131–8501 (JP). **MAEDA, Kouji** [JP/JP]; Kao Corporation Research Laboratories, 1–3, Bunka 2–chome, Sumida–ku, Tokyo 131–8501 (JP).

(74) **ARUGA, Mitsuyuki** et al. / etc.; Kyodo Building, 3–6, Nihonbashiningyocho 1–chome, Chuo–ku, Tokyo 103–0013 (JP).

(81) CN SG US; 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 7/16**

(11) **WO 00/18365** (13) A2

(21) PCT/US99/22115

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 60/101,798 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FAST DISSOLVING ORALLY CONSUMABLE FILMS
• FILMS PELLICULAIRES CONSOMMABLES PAR VOIE ORALE ET A DISSOLUTION RAPIDE

(71) **WARNER–LAMBERT COMPANY** [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US).

(72) **LEUNG, Sau–Hung, Spence**; 249 Camden Place, Parsippany, NJ 07054 (US). **LEONE, Robert, S.**; 6 Byron Lane, Fanwood, NJ 07023 (US). **KUMAR, Lori, Dee**; 5 Alvamar Court, Skillman, NJ 08558 (US). **KULKARNI, Neema**; 16 Wilkeshire Boulevard, Randolph, NJ 07869 (US). **SORG, Albert, F.**; 56 Lime Kiln Road, Columbia, NJ 07832 (US).

(74) **RYAN, M., Andrea**; Warner–Lambert Company, 201 Tabor Road, Morris Plains, NJ 07950 (US) et al. / etc.

(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 MG MK MN MX NO NZ PL RO SG SI SK SL TR TT TZ UA UZ VN YU ZA; 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 7/20, 7/16**

(11) **WO 00/18366** (13) A1

(21) PCT/EP99/07379

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) en (26) en

(30) 98307733.0 **25 Sep/sep 1998 (25.09.1998)** EP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ORAL COMPOSITION WITH AN IMPROVED TEETH WHITENING EFFECT
• COMPOSITION D'HYGIENE BUCCALE DOTEE D'UN POUVOIR ACCRU DE BLANCHIMENT DES DENTS

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

(71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4 4BQ (GB).
(only for / seulement pour AU BB CA CR CY DM GB GD GH IE IL KE LK LS MN MW NZ SD SG SK SZ TT TZ UG ZA)

(72) **JOINER, Andrew**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Merseyside L63 3JW (GB). **THORNTHWAITE, David, William**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Merseyside L63 3JW (GB).

(74) **KAN, Jacob**; Unilever Research Vlaardingen, Olivier van Noortlaan 120, NL–3133 AT Vlaardingen (NL).

(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 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; 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)[6] **A61K 7/40, 7/48**

(11) **WO 00/18367** (13) A1

(21) PCT/US99/22519

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,501 **30 Sep/sep 1998 (30.09.1998)** US

(30) 60/102,692 **1 Oct/oct 1998 (01.10.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • COMPOSITIONS HAVING A SUNSCREEN FOR USE IN PERSONAL CLEANSING PRODUCTS
• COMPOSITIONS A ECRAN SOLAIRE DESTINEES A ETRE UTILISEES DANS DES PRODUITS D'HYGIENE PERSONNELLE

(71) **AVON PRODUCTS, INC.** [US/US]; 1251 Avenue of the Americas, New York, NY 10020–1196 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TOKOSH, Richard** [US/US]; 273 John Ochs Drive, Saddle Brook, NJ 07663 (US). **KALAFSKY, Robert, E.** [US/US]; 24 Willow Grove Court, Ogdensburg, NJ 07439 (US). **PECHKO, Andrew, H.** [US/US]; 965 E. Ridgewood Avenue, Ridgewood, NJ 07450 (US).

(74) **RUGGIERO, Charles, N., J.**; 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 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; 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 7/48**

(11) **WO 00/18368** (13) A1

(21) PCT/EP99/06918

(22) **18 Sep/sep 1999 (18.09.1999)**

(25) de (26) de

(30) 198 44 318.8 **28 Sep/sep 1998 (28.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PEARLESCENT SKIN CARE EMULSION
• EMULSION DE SOIN POUR LA PEAU, A ASPECT NACRE

(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, D–40589 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ORTANDERL, Stefanie** [DE/DE]; Keltenstrasse 61, D–41363 Jüchen (DE).

KAMPMANN, Martina [DE/DE]; Rheinstrasse 14, D–41352 Korschenbroich (DE).

(81) CN JP US; 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 9/00, 31/4468, A61P 23/00, A61N 1/30**

(11) **WO 00/18369** (13) A1

(21) PCT/US99/22413

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 09/162,301 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IONTOPHORETIC DEVICES COMPRISING PIPERIDIN DERIVATIVES
• DISPOSITIFS DE IONOPHORESE COMPORTANT DES DERIVES DE PIPERIDINE

(71) **BECTON, DICKINSON AND COMPANY** [US/US]; 1 Becton Drive, Franklin Lakes, NJ 07417 (US).

(72) **GREEN, Philip, G.**; 17G South Carlyle Towers, 100 Winston Drive, Cliffside Park, NJ 07010 (US). **PETTIS, Ronald, J.**; 529 Darby Glen Lane, Durham, NC 27713 (US).

(74) **DAWSON, Arthur, D.**; Becton, Dickinson and Company, 1 Becton Drive, Franklin Lakes, NJ 07417 (US).

(81) JP; 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 9/10**

(11) **WO 00/18370** (13) A2

(21) PCT/US99/21752

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 60/101,897 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LIQUID PHARMACEUTICAL FOR ORAL DELIVERY
• PRODUIT PHARMACEUTIQUE LIQUIDE POUR ADMINISTRATION PAR VOIE ORALE

(71) **DELSYS PHARMACEUTICAL CORPORATION** [US/US]; Suite 305, 5 Vaughn Drive, Princeton, NJ 08543 (US).

(72) **CHRAI, Suggy, S.**; 16 Bodine Drive, Cranbury, NJ 08512 (US). **MURARI, Ramaswamy**; 39 Wesley Road, Hillsborough, NJ 08512 (US).

(74) **LILLIE, Raymond** et al. / etc.; Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein, 6 Becker Farm Road, Roseland, NJ 07068 (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 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 ZA ZW; 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 9/127, 38/28**

(11) **WO 00/18371** (13) A1

(21) PCT/CA99/00879

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 09/161,447 **27 Sep/sep 1998** US **(27.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROTEINIC DRUG DELIVERY SYSTEM USING MEMBRANE MIMETICS
• SYSTEME DE LIBERATION DE MEDICAMENT PROTEIQUE UTILISANT UNE MIMETIQUE MEMBRANAIRE

(71) **GENEREX PHARMACEUTICALS INC.** [CA/CA]; 202 – 33 Harbour Square, Toronto, Ontario M5J 2G2 (CA).

(71, 72) **MODI, Pankaj** [CA/CA]; 519 Golf Links Road, Ancaster, Ontario L9G 4X6 (CA).

(74) **BARRIGAR & MOSS**; Suite 901, 2 Robert Speck Parkway, Mississauga, Ontario L4Z 1H8 (CA).

(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 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; 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 9/14, 47/14, 47/10, 47/12, 47/30, 47/38, 47/32**

(11) **WO 00/18372** (13) A1

(21) PCT/JP99/05316

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) ja (26) ja

(30) 10/276749 **30 Sep/sep 1998** JP **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • GRAINS FOR ORAL PREPARATIONS
• GRANULES POUR PREPARATIONS ORALES

(71) **TAISHO PHARMACEUTICAL CO., LTD.** [JP/JP]; 24–1, Takata 3–chome, Toshima–ku, Tokyo 170–8633 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAJIMA, Toshio** [JP/JP]; Taisho Pharmaceutical Co., Ltd., 24–1, Takata 3–chome, Toshima–ku, Tokyo 170–8633 (JP).

(74) **KITAGAWA, Tomizo**; Taisho Pharmaceutical Co., Ltd., Patent Division, 24–1, Takata 3–chome, Toshima–ku, Tokyo 170–8633 (JP).

(81) AU CA CN KR US; 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 9/20, 31/64**

(11) **WO 00/18373** (13) A1

(21) PCT/FR99/02520

(22) **15 Oct/oct 1999 (15.10.1999)**

(25) fr (26) fr

(30) 99/01082 **1 Feb/fév 1999** FR **(01.02.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CORE TABLET FOR CONTROLLED RELEASE OF GLICLAZIDE AFTER ORAL ADMINISTRATION
• COMPRIME MATRICIEL PERMETTANT LA LIBERATION PROLONGEE DE GLICLAZIDE APRES ADMINISTRATION PAR VOIE ORALE

(71) **ADIR ET COMPAGNIE** [FR/FR]; 1, rue Carle Hébert, F–92415 Courbevoie Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HUET DE BAROCHEZ, Bruno** [FR/FR]; 38, rue des Grands Champs, F–45140 Ingre (FR). **WUTHRICH, Patrick** [FR/FR]; 7, rue de la Manufacture, F–45000 Orléans (FR). **MARTIN, Louis** [FR/FR]; 28, allée Pierre Le Muet, F–45160 Olivet (FR).

(74) **ADIR ET COMPAGNIE**; 1, rue Carle Hébert, F–92415 Courbevoie Cedex (FR).

(81) AE AU BA BB BR CN CR CU CZ DM EE GD GE HR HU ID IL IN IS JP KR LC LK LR MG MN MX NO NZ PL SG SK TR TT TZ UA US VN YU ZA; 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 9/26, 9/24, 9/50, 9/32**

(11) **WO 00/18374** (13) A1

(21) PCT/US99/22897

(22) **1 Oct/oct 1999 (01.10.1999)**

(25) en (26) en

(30) 09/164,351 **1 Oct/oct 1998** US **(01.10.1998)**

(30) 09/337,675 **22 Jun/juin 1999** US **(22.06.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CONTROLLED RELEASE NANOPARTICULATE COMPOSITIONS
• LIBERATION REGULEE DE COMPOSITIONS NANOPARTICULAIRES

(71) **ELAN PHARMA INTERNATIONAL, LTD.** [US/US]; Wil House, Shannon County Clare (IE).

(72) **SWANSON, Jon**; 154 Tudor Drive, North Wales, PA 19454 (US). **JAIN, Rajeev, A.**; Apartment H–100, 450 Forest Avenue, Norristown, PA 19401 (US). **HONTZ, Robert**; 3513 Lewis Road, Newtown Square, PA 19073 (US). **DEVANE, John, G.**; Barrymore, Athlone, County Westmeath (IE). **CUMMING, Kenneth, Iain**; 46 Old Cabra Road, Phibsboro, Dublin 7 (IE). **CLANCY, Maurice, Joseph, Anthony**; 92 Fosterbrook, Booterstown, Dublin (IE). **CODD, Janet, Elizabeth**; 13 Priory Park, Athlone, County Westmeath (IE).

(74) **SCHAFER, Michele, M.** et al. / etc.; Foley & Lardner, Suite 500, 3000 K Street, Washington, DC 20007–5109 (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; 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 9/28, 9/20, 47/34, C08F 283/06, 218/08**

(11) **WO 00/18375** (13) A1

(21) PCT/EP99/07123

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) de (26) de

(30) 198 44 903.8 **30 Sep/sep 1998** DE **(30.09.1998)**

(30) 199 05 906.3 **11 Feb/fév 1999** DE **(11.02.1999)**

(30) 199 31 667.8 **8 Jul/juil 1999** DE **(08.07.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • APPLICATION OF WATER–SOLUBLE OR WATER–DISPERSIBLE POLYMERIZATES WHICH CONTAIN POLY–ETHER AND WHICH ARE USED AS A COATING AGENT, A BINDING AGENT AND/OR AS A FILM–FORMING AUXILIARY AGENT IN PHARMACEUTICAL FORMS OF ADMINISTRATION
• UTILISATION DE POLYMERISATS HYDROMISCIBLES OU HYDRODISPERSIBLES CONTENANT DES POLYETHERS COMME AGENT DE RECOUVREMENT, LIANT ET/OU SUBSTANCE AUXILIAIRE FILMOGENE DANS DES FORMES D'ADMINISTRATION PHARMACEUTIQUES

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

(72, 75) **GOTSCHE, Michael** [DE/DE]; Warmweiherstrasse 15, D–52066 Aachen (DE). **KOLTER, Karl** [DE/DE]; Sudentenstrasse 1, D–67117 Limburgerhof (DE). **SANNER, Axel** [DE/DE]; Lorscher Ring 2c, D–67227 Frankenthal (DE). **ANGEL, Maximilian** [DE/DE]; Bayernstrasse 12, D–67105 Schifferstadt (DE). **LEINENBACH, Alfred** [DE/DE]; Gartenweg 1, D–67161 Gönnheim (DE).

(74) **BASF AKTIENGESELLSCHAFT**; D–67056 Ludwigshafen (DE).

(81) CN JP RO SI US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[7] **A61K 9/28, 9/32, 9/34, 9/36**

(11) **WO 00/18376** (13) A1

(21) PCT/US99/21072

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 09/162,282 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AQUEOUS ENTERIC COATING COMPOSITION WITH LOW GASTRIC PERMEABILITY
• COMPOSITION AQUEUSE D'ENROBAGE GASTRO–RESISTANTE A FAIBLE PERMEABILITE GASTRIQUE

(71) **EASTMAN CHEMICAL COMPANY** [US/US]; 100 North Eastman Road, Kingsport, TN 37660 (US).

(72) **WU, Stephen, Hong–Wei**; 1104 Meadow Lane, Kingsport, TN 37663–2818 (US). **ADAMS, Michael, Wayne**; 121 Charlton Court, Bluff City, TN 37618–1178 (US).

(74) **BLAKE, Michael, J.**; P.O. Box 511, Kingsport, TN 37662–5075 (US).

(81) IN JP; 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 9/48**

(11) **WO 00/18377** (13) A1

(21) PCT/US99/22117

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 60/102,017 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ENTERIC AND COLONIC DELIVERY USING HPMC CAPSULES
• ADMINISTRATION ENTERIQUE ET COLIQUE PAR CAPSULES EN HPMC

(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) **COLE, Ewart, Thomas** [GB/CH]; Homelstrasse 36, CH–4144 Hofstetten (CH). **SCOTT, Robert, Anthony** [GB/BE]; Koninin Elisabethplein 26, Bus 4, B–9100 Sint–Niklaas (BE).

(74) **RYAN, M., Andrea**; Warner–Lambert Company, 201 Tabor Road, Morris Plains, NJ 07950 (US) et al. / etc.

(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 MG MK MN MX NO NZ PL RO SG SI SK SL TR TT TZ UA US UZ VN YU ZA; 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 9/48, 9/52, 9/54, 9/62**

(11) **WO 00/18378** (13) A1

(21) PCT/US99/22189

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/161,178 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SUSTAINED RELEASE HYDROMORPHONE FORMULATIONS EXHIBITING BIMODAL CHARACTERISTICS
• FORMULATIONS A LIBERATION LENTE D'HYDROMORPHONE PRESENTANT DES CARACTERISTIQUES BIMODALES

(71) **EURO–CELTIQUE, S.A.** [LU/LU]; 122, boulevard de la Petrusse, L–2330 Luxembourg (LU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OSHLACK, Benjamin** [AU/US]; 351 East 84th Street, New York, NY 10028 (US). **CHASIN, Mark** [US/US]; 3 Wayne Court, Manalapan, NJ 07726 (US). **KAIKO, Robert** [US/US]; 10 Norfield Woods Road, Weston, CT 06883 (US). **TONELLI, Alfred, P.** [US/US]; 32 Waters Edge, Congers, NY 10920 (US).

(74) **DAVIDSON, Clifford, M.** et al. / etc.; Davidson, Davidson & Kappel, LLC, 15th Floor, 1140 Avenue of the Americas, New York, NY 10036 (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; 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 : *(c)*

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(51)[7] **A61K 9/70, A61P 25/33**

(11) **WO 00/18379** (13) A2

(21) PCT/EP99/07172

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 09/162,754 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PHARMACEUTICAL PREPARATION FOR USE IN A METHOD TO ABATE THE USE OF TOBACCO BY HUMANS
• PREPARATION PHARMACEUTIQUE DESTINEE A S'UTILISER DANS UNE METHODE DE REDUCTION DE L'USAGE DU TABAC CHEZ LES HUMAINS

(71) **NOVARTIS CONSUMER HEALTH S.A.** [CH/CH]; Route de L'Etraz, CH–1260 Nyon (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **REITBERG, Donald, Paul** [US/US]; 101 Timberbrooke Drive, Bedminster, NJ 07921 (US).

(74) **BECKER, Konrad**; Novartis AG, Corporate Intellectual Property, Patent & Trademark Department, CH–4002 Basel (CH).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR 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 TZ UA UG US UZ VN YU ZA ZW; 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 : *(i)*

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(51)[7] **A61K 9/70, 7/16, 7/22**

(11) **WO 00/18380** (13) A1

(21) PCT/NL99/00594

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 98203236.9 **25 Sep/sep 1998 (25.09.1998)** EP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PREVENTION AND TREATMENT OF PARODONTITIS
• PREVENTION ET TRAITEMENT DE LA PARODONTITE

(71, 72) **SCHAEKEN, Mathias, Jozef, Maria** [NL/NL]; Groesbeekseweg 129, NL–6524 CV Nijmegen (NL).

(74) **OTTEVANGERS, S., U.**; Vereenigde Octrooibureaux, Nieuwe Parklaan 97, NL–2587 BN The Hague (NL).

(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 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; 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 31/00**

(11) **WO 00/18381** (13) A1

(21) PCT/EP99/06740

(22) **11 Sep/sep 1999 (11.09.1999)**

(25) en (26) en

(30) 98 118 372.6 **29 Sep/sep 1998 (29.09.1998)** EP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • USE OF EPINASTINE AS ANTITUSSIVUM
• UTILISATION D'EPINASTINE COMME ANTITUSSIF

(71) **BOEHRINGER INGELHEIM INTERNATIONAL GMBH** [DE/DE]; D–55216 Ingelheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAMEI, Junzo** [JP/JP]; C–504 Shiba–cho 391, Kanagawa–ku, Yokohama, Kanagawa 236–0012 (JP).

(74) **LAUDIEN, Dieter**; Boehringer Ingelheim GmbH, D–55216 Ingelheim (DE).

(81) AU BG BR CA CN CZ EE HR HU ID IL JP KR MX NO NZ PL SG SK TR UA US UZ VN YU; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[7] **A61K 31/00**

(11) **WO 00/18382** (13) A2

(21) PCT/EP99/06807

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) de (26) de

(30) 198 44 184.3 **28 Sep/sep 1998 (28.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HYDRAULIC DIRECTIONAL VALVE
• DISTRIBUTEUR HYDRAULIQUE

(71) **TIEFENBACH BERGBAUTECHNIK GMBH** [DE/DE]; Kaninenberghöhe 2, D–45136 Essen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KUSSEL, Willy** [DE/DE]; Julius–Leber–Strasse 8, D–59368 Werne (DE).

(74) **PFINGSTEN, Dieter**; Leverkuser Strasse 65, D–42897 Remscheid (DE).

(81) BY CA PL US; 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 31/00**

(11) **WO 00/18383** (13) A2

(21) PCT/EP99/07132

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 9821000.8 **28 Sep/sep 1998 (28.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ANTIVIRAL COMBINATIONS COMPRISING (S)–2– ETHYL–7– FLUORO–3– OXO–3,4– DIHYDRO– 2H– QUINOXALINE–1– CARBOXYLIC ACID ISOPROPYL ESTER
• COMBINAISONS ANTIVIRALES RENFERMANT UN ESTER ISOPROPYLIQUE D'ACIDE (S)–2–ETHYL–7– FLUORO–3–OXO–3,4–DIHYDRO–2H– QUINOXALINE–1–CARBOXYLIQUE

(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) **MCDADE, Hugh, Brownlie** [GB/GB]; Glaxo Wellcome plc, Greenford Road, Greenford, Middlesex UB6 0NN (GB). **SMILEY, Margaret, Lynn** [US/US]; Glaxo Wellcome Inc., Five Moore Drive, Research Triangle Park, NC 27709 (US). **ST. CLAIR, Martha, Heider** [US/US]; Glaxo Wellcome Inc., Five Moore Drive, Research Triangle Park, NC 27709 (US).

(74) **QUILLIN, Helen, K.**; Glaxo Wellcome plc, Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (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 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; 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).

(51)[7] **A61K 31/00**

(11) **WO 00/18384** (13) A2

(21) PCT/EP99/07134

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 9820999.2 **28 Sep/sep 1998 (28.09.1998)** GB

(30) 9827109.1 **9 Dec/déc 1998 (09.12.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ANTIVIRAL COMBINATIONS COMPRISING (S)–2–ETHYL –7–FLUORO –3–OXO–3, 4–DIHYDRO –2H– QUINOXALINE –1–CARBOXYLIC ACID ISOPROPYL ESTER
• COMBINAISONS ANTIVIRALES RENFERMANT UN ESTER ISOPROPYLIQUE D'ACIDE (S)–2–ETHYL–7–FLUORO–3–OXO–3,4–DIHYDRO–2H–QUINOXALINE–1–CARBOXYLIQUE

(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) **McDADE, Hugh, Brownlie** [GB/GB]; Glaxo Wellcome plc, Greenford Road, Greenford, Middlesex UB6 0NN (GB). **SMILEY, Margaret, Lynn** [US/US]; Glaxo Wellcome Inc., Five Moore Drive, Research Triangle Park, NC 27709 (US). **ST. CLAIR, Martha, Heider** [US/US]; Glaxo Wellcome Inc., Five Moore Drive, Research Triangle Park, NC 27709 (US).

(74) **QUILLIN, Helen, K.**; Glaxo Wellcome plc, Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (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 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; 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 31/00**

(11) **WO 00/18385** (13) A2

(21) PCT/EP99/07170

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) MI98A002090 **30 Sep/sep 1998 (30.09.1998)** IT

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PHARMACEUTICAL COMPOSITIONS WITH ANTITUMOUR ACTIVITY
• COMPOSITIONS PHARMACEUTIQUES POSSEDANT UNE ACTIVITE ANTITUMORALE

(71) **UNIVERSITA' DEGLI STUDI DI CATANIA** [IT/IT]; Piazza dell'Università, 2, I–95100 Catania (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCANDURRA, Laura** [IT/IT]; Piazza dell'Università, 2, I–95100 Catania (IT). **STIVALA, Franca, Maria** [IT/IT]; Piazza dell'Università, 2, I–95100 Catania (IT). **ALLEGRA, Eugenia** [IT/IT]; Piazza dell'Università, 2, I–95100 Catania (IT). **RAPISARDA, Grazia** [IT/IT]; Piazza dell'Università, 2, I–95100 Catania (IT).

(74) **MINOJA, Fabrizio**; Bianchetti Bracco Minoja S.r.l., Via Rossini, 8, I–20122 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 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; 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 31/00**

(11) **WO 00/18386** (13) A2

(21) PCT/US99/22622

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,504 **30 Sep/sep 1998 (30.09.1998)** US

(30) 60/102,506 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ANTIBIOTIC COMPOSITIONS FOR TREATMENT OF THE EYE, EAR AND NOSE
• COMPOSITIONS ANTIBIOTIQUES POUR LE TRAITEMENT DES YEUX, DES OREILLES ET DU NEZ

(71) **ALCON LABORATORIES, INC.** [US/US]; 6201 South Freeway, Mail Code Q–148, Fort Worth, TX 76134–2099 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CAGLE, Gerald** [US/US]; No. 6309 Greenway, Fort Worth, TX 76116 (US). **ABSHIRE, Robert, L.** [US/US]; 3001 Gunnison Trail, Fort Worth, TX 76116 (US). **STROMAN, David, W.** [US/US]; 2603 Waterford, Irving, TX 75063 (US). **YANNI, John, M.** [US/US]; 2821 Donnybrook Drive, Burleson, TX 76028 (US).

(74) **BROWN, Gregg, C.** et al. / etc.; Alcon Laboratories, Inc., R & D Counsel, Mail Code Q–148, 6201 South Freeway, Fort Worth, TX 76134–2099 (US).

(81) AU BR CA CN JP KR MX TR US ZA; 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 31/00**

(11) **WO 00/18387** (13) A2

(21) PCT/US99/22623

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,505 **30 Sep/sep 1998 (30.09.1998)** US

(30) 60/102,507 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ANTIBIOTIC COMPOSITIONS FOR TREATMENT OF THE EYE, EAR AND NOSE
• COMPOSITIONS ANTIBIOTIQUES POUR LE TRAITEMENT DES YEUX, DES OREILLES ET DU NEZ

(71) **ALCON LABORATORIES, INC.** [US/US]; 6201 South Freeway, Mail Code Q–148, Fort Worth, TX 76134–2099 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CAGLE, Gerald** [US/US]; No. 6309 Greenway, Fort Worth, TX 76116 (US). **ABSHIRE, Robert, L.** [US/US]; 3001 Gunnison Trail, Fort Worth, TX 76116 (US). **STROMAN, David, W.** [US/US]; 2603 Waterford, Irving, TX 75063 (US). **YANNI, John, M.** [US/US]; 2821 Donnybrook Drive, Burleson, TX 76028 (US).

(74) **BROWN, Gregg, C.** et al. / etc.; Alcon Laboratories, Inc., 6201 South Freeway, Fort Worth, TX 76134–2099 (US).

(81) AU BR CA CN JP KR MX TR US ZA; 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 31/00**

(11) **WO 00/18388** (13) A2

(21) PCT/US99/22624

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,508 **30 Sep/sep 1998 (30.09.1998)** US

(30) 60/102,509 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ANTIBIOTIC COMPOSITIONS FOR TREATMENT OF THE EYE, EAR AND NOSE
• COMPOSITIONS ANTIBIOTIQUES POUR LE TRAITEMENT DES YEUX, DES OREILLES ET DU NEZ

(71) **ALCON LABORATORIES, INC.** [US/US]; 6201 South Freeway, Mail Code Q–148, Fort Worth, TX 76134–2099 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CAGLE, Gerald** [US/US]; No. 6309 Greenway, Fort Worth, TX 76116 (US). **ABSHIRE, Robert, L.** [US/US]; 3001 Gunnison Trail, Fort Worth, TX 76116 (US).

STROMAN, David, W. [US/US]; 2603 Waterford, Irving, TX 75063 (US). **YANNI, John, M.** [US/US]; 2821 Donnybrook Drive, Burleson, TX 76028 (US).

(74) **BROWN, Gregg, C.** et al. / etc.; Alcon Laboratories, Inc., R & D Counsel, Mail Code Q–148, 6201 South Freeway, Fort Worth, TX 76134–2099 (US).

(81) AU BR CA JP MX US; 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 31/00**

(11) **WO 00/18389** (13) A2

(21) PCT/US99/22712

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,475 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • USE OF A β_2 ADRENERGIC RECEPTOR AGONIST IN THE TREATMENT OF CARDIOVASCULAR DISEASE
• UTILISATION DANS LE TRAITEMENT D'UNE MALADIE CARDIO–VASCULAIRE D'UN AGONISTE DU RECEPTEUR ANDRENERGIQUE β_2

(63) US 60/102,475 (CIP)
30 Sep/sep 1998 (30.09.1998)

(71) **THE UNITED STATES OF AMERICA, represented by THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES** [US/US]; National Institutes of Health, Office of Technology Transfer, Suite 325, 6011 Executive Boulevard, Rockville, MD 20852 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **XIAO, Rui–Ping** [CN/US]; 5422 Springlake Way, Baltimore, MD 21212 (US). **LAKATTA, Edward, G.** [US/US]; 126 Briarcliff Lane, Bel Air, MD 21014 (US). **CHENG, Heping** [CN/US]; 5422 Springlake Way, Baltimore, MD 21212 (US).

(74) **LARCHER, Carol** et al. / etc.; Leydig, Voit & Mayer, Ltd., Two Prudential Plaza, Suite 4900, 180 North Stetson, Chicago, IL 60601–6780 (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 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; 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 31/12, 31/136, 31/166, 31/167, 31/18, 31/222 // C07C 205/54, 235/84, 233/33, 311/08**

(11) **WO 00/18390** (13) A1

(21) PCT/JP99/05268

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) ja (26) ja

(30) 10/272853 **28 Sep/sep 1998 (28.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HEAT SHOCK PROTEIN EXPRESSION INDUCERS
• INDUCTEURS D'EXPRESSION DE PROTEINE DE CHOC THERMIQUE

(71) **HSP RESEARCH INSTITUTE, INC.** [JP/JP]; 2–8, Doshomachi 2–chome, Chuo–ku, Osaka–shi, Osaka 541–0045 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MATSUMOTO, Shuji** [JP/JP]; 41–3–812, Nishikawabe–cho, Higashikujyo, Minami–ku, Kyoto–shi, Kyoto 601–8037 (JP). **KOJIMA, Atsuyuki** [JP/JP]; 6–12, Nakayama Satsukidai 1–chome, Takarazuka–shi, Hyogo 665–0871 (JP). **YANAGI, Hideki** [JP/JP]; 14–26, Hanayashiki–Matsugaoka, Takarazuka–shi, Hyogo 665–0801 (JP). **YURA, Takashi** [JP/JP]; 12, Shugakuin Hazama–cho, Sakyo–ku, Kyoto–shi, Kyoto 606–8071 (JP).

(74) **HOSODA, Yoshinori**; Hosoda International Patent Office, Otemae M2 Building, 8–1, Tanimachi 2–chome, Chuo–ku, Osaka–shi, Osaka 540–0012 (JP).

(81) CA JP US; 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 31/13, 31/445, 31/454, 31/4709, 31/55, 31/553, 31/4523, 31/4525, 31/4535, 31/473, 31/437, C07D 211/32, 401/06, 413/06, 405/06, 409/06, 471/06, 219/10, 221/18, 491/107**

(11) **WO 00/18391** (13) A1

(21) PCT/JP99/05367

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) ja (26) ja

(30) 10/276677 **30 Sep/sep 1998 (30.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DRUGS FOR IMPROVING VESICAL EXCRETORY STRENGTH
• MEDICAMENTS QUI AMELIORENT LE POUVOIR DE VIDANGE DE LA VESSIE

(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) **ISHIHARA, Yuji** [JP/JP]; 3–8, Yamada 3–chome, Itami–shi, Hyogo 664–0874 (JP). **DOI, Takayuki** [JP/JP]; 10–25, Tsuruyamadai 1–chome, Izumi–shi, Osaka 594–0013 (JP). **NAGABUKURO, Hiroshi** [JP/JP]; 3–25–603, Minamieguchi 1–chome, Higashiyodogawa–ku, Osaka–shi, Osaka 533–0003 (JP). **ISHICHI, Yuji** [JP/JP]; 1–210, Taishocho 1–chome, Ibaraki–shi, Osaka 567–0867 (JP).

(74) **ASAHINA, Tadao** 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 AL AM AU AZ BA BB BG BR BY CA CN CR CU CZ DM EE GD GE HR HU ID IL IN IS JP KG KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT TZ UA US UZ VN YU ZA; 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)[6] **A61K 31/15, 31/155, 31/16, 31/175, 31/195, 31/275, 31/40, 31/44, 31/50, 31/655**

(11) **WO 00/18392** (13) A1

(21) PCT/NZ99/00161

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 332084 **25 Sep/sep 1998 (25.09.1998)** NZ

(30) 332079 **28 Sep/sep 1998 (28.09.1998)** NZ

(30) 334471 **3 Mar/mar 1999 (03.03.1999)** NZ

(30) 337042 **3 Aug/août 1999 (03.08.1999)** NZ

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FRUCTOSAMINE OXIDASE: ANTAGONISTS AND INHIBITORS
• FRUCTOSAMINE–OXYDASE: ANTAGONISTES ET INHIBITEURS

(71) **GLYCOX CORPORATION LIMITED** [NZ/NZ]; Bowden Impey & Sage, 470 Parnell Road, Auckland 1 (NZ).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAKER, John, Richard** [NZ/NZ]; 61 Hunter Road, RD 2, Henderson, Auckland (NZ).

(74) **CALHOUN, Douglas, C.** et al. / etc.; A J Park & Son, Huddart Parker Building, 6th floor, P.O. Square, P.O. Box 949, Wellington 6015 (NZ).

(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 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; 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 31/165, 33/24, 31/505, 31/70**

(11) **WO 00/18393** (13) A1

(21) PCT/US99/15386

(22) **8 Jul/juil 1999 (08.07.1999)**

(25) en (26) en

(30) 60/101,809 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CHEMOTHERAPY OF CANCER WITH ACETYLDINALINE IN COMBINATION WITH GEMCITABINE, CAPECITABINE OR CISPLATIN
• CHIMIOTHERAPIE CONTRE LE CANCER, DANS LAQUELLE DE L'ACETYLDINALINE COMBINEE A DE LA GEMCITABINE, DE LA CAPECITABINE OU DU CISPLATINE SONT UTILISES

(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) **GROVE, William, Richard** [US/US]; 10710 Indianola, Whitmore Lake, MI 48189 (US). **KLOHS, Wayne, Daniel** [US/US]; 4559 Sycamore Drive, Ypsilanti, MI 48197 (US). **MERRIMAN, Ronald, Lynn** [US/US]; 5929 Lohr Lake Court, Ann Arbor, MI 48108 (US).

(74) **RYAN, M., Andrea**; Warner–Lambert Company, 201 Tabor Road, Morris Plains, NJ 07950 (US) et al. / etc.

(81) AE AL AU BA BB BG BR CA CN CU CZ EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU ZA; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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 31/19, 31/195**

(11) **WO 00/18394** (13) A1

(21) PCT/US99/22415

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 60/102,186 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ADRENOLEUKODYSTROPHY TREATMENTS AND DRUG SCREENING
• TRAITEMENTS DE L'ADRENO–LEUCODYSTROPHIE ET CRIBLAGE DE MEDICAMENTS ASSOCIES

(71) **THE JOHNS HOPKINS UNIVERSITY** [US/US]; Suite 906, 111 Market Place, Baltimore, MD 21202 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SMITH, Kirby, D.** [US/US]; The Johns Hopkins University, Suite 906, 111 Market Place, Baltimore, MD 21201 (US).

(74) **KAGAN, Sarah, A.** et al. / etc.; Banner & Witcoff, Ltd., 11th floor, 1001 G Street, N.W., Washington, DC 20001–4597 (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 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; 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 31/215, 31/40, 31/19, 31/225**

(11) **WO 00/18395** (13) A1

(21) PCT/US99/15385

(22) **8 Jul/juil 1999 (08.07.1999)**

(25) en (26) en

(30) 60/102,457 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR PREVENTING OR DELAYING CATHETER–BASED REVASCULARIZATION
• PROCEDE POUR EMPECHER OU RETARDER LA REVASCULARISATION PAR CATHETER

(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) **BLACK, Donald, Michael** [US/US]; 3993 Thornwood Court, Ann Arbor, MI 48105 (US).

(74) **RYAN, M., Andrea**; Warner–Lambert Company, 201 Tabor Road, Morris Plains, NJ 07950 (US) et al. / etc.

(81) AE AL AU BA BB BG BR CA CN CU CZ EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU ZA; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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 31/22, 31/365, 45/00, 47/38, 9/30, A61P 3/06**

(11) **WO 00/18396** (13) A1

(21) PCT/JP99/05200

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) ja (26) ja

(30) 10/271695 **25 Sep/sep 1998** JP **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HMG–CoA REDUCTASE INHIBITOR–CONTAINING PREPARATIONS
• PREPARATIONS A BASE D'INHIBITEUR DE HMG–CoA

(71) **SANKYO COMPANY, LIMITED** [JP/JP]; 5–1, Nihonbashi Honcho 3–chome, Chuo–ku, Tokyo 103–8426 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **USUI, Fusao** [JP/JP]; Sankyo Company, Limited, 2–58, Hiromachi 1–chome, Shinagawa–ku, Tokyo 140–8710 (JP). **YADA, Shuichi** [JP/JP]; Sankyo Company, Limited, 2–58, Hiromachi 1–chome, Shinagawa–ku, Tokyo 140–8710 (JP). **KAWABATA, Kiyoshi** [JP/JP]; Sankyo Company, Limited, 2–58, Hiromachi 1–chome, Shinagawa–ku, Tokyo 140–8710 (JP).

(74) **OHNO, Akio** et al. / etc.; Sankyo Company, Limited, 2–58, Hiromachi 1–chome, Shinagawa–ku, Tokyo 140–8710 (JP).

(81) AU BR CA CN CZ HU ID IL IN KR MX NO NZ PL RU TR US ZA; 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 31/255**

(11) **WO 00/18397** (13) A1

(21) PCT/US99/22823

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/164,889 **1 Oct/oct 1998** US **(01.10.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • COMPOUNDS FOR THE TREATMENT OF ESTROGEN–DEPENDENT ILLNESSES AND METHODS FOR MAKING AND USING THE SAME
• COMPOSES DESTINES AU TRAITEMENT DE MALADIES LIEES AUX OESTROGENES, PROCEDES DE PRODUCTION ET METHODES D'UTILISATION

(71) **DUQUESNE UNIVERSITY OF THE HOLY GHOST** [US/US]; 505 Administration Building, Pittsburgh, PA 15282 (US).

(72) **LI, Pui–Kai**; 1462 Bristol Drive, Library, PA 15129 (US). **SELCER, Kyle, W.**; 303 Williamsburg Drive, Export, PA 15632 (US).

(74) **MEYERS, Diane, R.**; Eckert Seamans Cherin & Mellott, LCC, 44th floor, 600 Grant Street, Pittsburgh, PA 15219 (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 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; 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).

(51)[7] **A61K 31/33, 31/66**

(11) **WO 00/18398** (13) A1

(21) PCT/US99/22238

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/101,887 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PHARMACEUTICALLY ACTIVE COMPOUNDS AND METHODS OF USE THEREOF
• COMPOSES PHARMACEUTIQUEMENT ACTIFS, ET METHODES D'UTILISATION CORRESPONDANTES

(71) **SUNOL MOLECULAR CORPORATION** [US/US]; 2810 North Commerce Parkway, Miramar, FL 33025 (US).

(72) **JIAO, Jin–An**; 121 West Bayridge Drive, Weston, FL 33326 (US). **LUEPSCHEN, Lawrence, K.**; 8320 Southwest 142nd Avenue, Miami, FL 33183 (US). **NIEVES, Esperanza, L.**; 1130 Northwest 78th Terrace, Plantation, FL 33322 (US). **WONG, Hing, C.**; 2966 Wentworth, Weston, FL 33327 (US). **TAYLOR, Dean, P.**; 2563 Bay Pointe Drive, Weston, FL 33327 (US).

(74) **CORLESS, Peter, F.** et al. / etc.; Dike, Bronstein, Roberts & Cushman, LLP, 130 Water Street, Boston, MA 02109 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; 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)[6] **A61K 31/41, C07D 405/04**

(11) **WO 00/18399** (13) A1

(21) PCT/JP99/05327

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) ja (26) ja

(30) 10/277094 **30 Sep/sep 1998** JP **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PREVENTIVE AND/OR THERAPEUTIC AGENTS FOR SINUSITIS_____
• AGENTS PREVENTIFS ET/OU THERAPEUTIQUES CONTRE LA SINUSITE

(71) **ONO PHARMACEUTICAL CO., LTD.** [JP/JP]; 1–5, Doshomachi 2–chome, Chuo–ku, Osaka–shi, Osaka 541–8526 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HISAMATSU, KenIchi** [JP/JP]; 2–4–21, Chuo, Tsuchiura–shi, Ibaraki 300–0043 (JP). **MASUYAMA, Keisuke** [JP/JP]; 3–44–1–1001, Gofukumachi, Kumamoto–shi, Kumamoto 860–0035 (JP).

(74) **OHIE, Kunihisa** et al. / etc.; Ohie Patent Office, Horiguchi No. 2 Building 7F, 2–6, Nihonbashi–Ningyocho 2–Chome, Chuo–ku, Tokyo 103–0013 (JP).

(81) JP KR US; 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 31/416, A61P 25/04**

(11) **WO 00/18400** (13) A1

(21) PCT/FI99/00793

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 60/101,986 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • USE OF 3–(1H–IMIDAZOL–4–YLMETHYL)–INDAN–5–OL IN THE MANUFACTURE OF A MEDICAMENT FOR INTRASPINAL, INTRATHECAL OR EPIDURAL ADMINISTRATION
• UTILISATION DE 3–(1H–IMIDAZOL–4–YLMETHYL)–INDAN–5–OL DANS LA FABRICATION D'UN MEDICAMENT S'ADMINISTRANT PAR VOIE SOUS–ARACHNOIDIENNE, INTRATHECALE OU PERIDURALE

(71) **ORION CORPORATION** [FI/FI]; Orionintie 1, FIN–02200 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAAPALINNA, Antti** [FI/FI]; Markulantie 8 A, FIN–20360 Turku (FI). **LEHTIMÄKI, Jyrki** [FI/FI]; Tarhalantie 27, FIN–21570 Sauvo (FI). **LEINO, Tiina** [FI/FI]; Heernummentie 20, FIN–21500 Piikkiö (FI). **VIITAMAA, Timo** [FI/FI]; Kähärintie 2, FIN–20100 Turku (FI). **VIRTANEN, Raimo** [FI/FI]; Knaapintie 2 as. 5, FIN–21290 Rusko (FI).

(74) **ORION CORPORATION**; Orion Pharma, Industrial Property Rights, P.O. Box 65, FIN–02101 Espoo (FI).

(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 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; 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 31/4164, 31/41, 47/26, 9/00**

(11) **WO 00/18401** (13) A1

(21) PCT/JP99/05292

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) ja (26) ja

(30) 10/275570 **29 Sep/sep 1998** JP **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ANTIMYCOTIC DRUG COMPOSITION
• COMPOSITION DE MEDICAMENT ANTIMYCOTIQUE

(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) **HORIBE, Hidetoshi** [JP/JP]; 3–7–507, Nishiizumigaoka 1–chome, Toyonaka–shi, Osaka 560–0862 (JP). **NISHIDA, Yoko** [JP/JP]; 3–14, Nakatsu–cho, Ibaraki–shi, Osaka 567–0824 (JP). **NAGAO, Masao** [JP/JP]; Mitteru House 301, 33–1, Kasugaoka 3–chome, Itami–shi, Hyogo 664–0893 (JP).

(74) **ASAHINA, Tadao** 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 AL AM AU AZ BA BB BG BR BY CA CN CR CU CZ DM EE GD GE HR HU ID IL IN IS JP KG KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT TZ UA US UZ VN YU ZA; 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 31/435, 31/44**

(11) **WO 00/18402** (13) A1

(21) PCT/US99/22225

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/102,018 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR TREATING ANDROGEN–RELATED CONDITIONS
• METHODE DE TRAITEMENT D'AFFECTIONS LIEES AUX ANDROGENES

(71) **MERCK & CO., INC.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WALDSTREICHER, Joanne** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). **WANG, Daniel, Z.** [CN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).

(74) **MERCK & CO., INC.**; 126 East Lincoln Avenue, Rahway, NJ 07065 (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 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 US UZ VN YU ZA ZW; 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 31/445, C07D 401/12**

(11) **WO 00/18403** (13) A1

(21) PCT/US99/22163

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/102,334 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • RADIOLABELED NEUROKININ–1 RECEPTOR ANTAGONISTS
• ANTAGONISTES RADIOMARQUES DU RECEPTEUR DE LA NEUROKININE 1

(71) **MERCK & CO., INC.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BURNS, H., Donald** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). **GIBSON, Raymond, E.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). **HAMILL, Terence, G.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).

(74) **MERCK & CO., INC.**; 126 East Lincoln Avenue, Rahway, NJ 07065 (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 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 US UZ VN YU ZA ZW; 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 31/4725, 31/5377, 31/496, 31/573, A61P 11/02, 7/02, 27/16, 31/04 // (A61K 31/573, 31:4725) (A61K 31/573, 31:5377) (A61K 31/573, 31:496)**

(11) **WO 00/18404** (13) A1

(21) PCT/US99/22625

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,510 **30 Sep/sep 1998** US **(30.09.1998)**

(30) 60/102,511 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ANTIBIOTIC COMPOSITIONS FOR TREATMENT OF THE EYE, EAR AND NOSE
• COMPOSITIONS ANTIBIOTIQUES POUR LE TRAITEMENT DES YEUX, DES OREILLES ET DU NEZ

(71) **ALCON LABORATORIES, INC.** [US/US]; 6201 South Freeway, Mail Code Q–148, Fort Worth, TX 76134–2099 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CAGLE, Gerald** [US/US]; No. 6309 Greenway, Fort Worth, TX 76116 (US). **ABSHIRE, Robert, L.** [US/US]; 3001 Gunnison Trail, Fort Worth, TX 76116 (US). **STROMAN, David, W.** [US/US]; 2603 Waterford, Irving, TX 75063 (US). **YANNI, John, M.** [US/US]; 2821 Donnybrook Drive, Burleson, TX 76028 (US).

(74) **BROWN, Gregg, C.** et al. / etc.; Alcon Laboratories, Inc., R & D Counsel, Mail Code Q–148, 6201 South Freeway, Fort Worth, TX 76134–2099 (US).

(81) AU BR CA JP MX US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **A61K 31/535**

(11) **WO 00/18405** (13) A1

(21) PCT/GB98/02895

(22) **25 Sep/sep 1998 (25.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • USE OF PROSTANOID ANTAGONISTS FOR THE TREATMENT OF PRIMARY HEADACHE DISORDERS
• UTILISATION D'ANTAGONISTES DE PROSTANOIDES POUR LE TRAITEMENT DE CEPHALEES PRIMAIRES

(71) **PHARMAGENE LABORATORIES LTD.** [GB/GB]; 2A Orchard Road, Royston, Hertfordshire SG8 5HD (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BAXTER, Gordon, Smith** [GB/GB]; Pharmagene Laboratories Ltd., 2A Orchard Road, Royston, Hertfordshire SG8 5HD (GB). **COLEMAN, Robert, Alexander** [GB/GB]; Pharmagene Laboratories Ltd., 2A Orchard Road, Royston, Hertfordshire SG8 5HD (GB). **TILFORD, Nicholas** [GB/GB]; Pharmagene Laboratories Ltd., 2A Orchard Road, Royston, Hertfordshire SG8 5HD (GB).

(74) **WHITAKER, Iain, Mark** et al. / etc.; Sommerville & Rushton, Business Link Building, 45 Grosvenor Road, St. Albans, Hertfordshire AL1 3AW (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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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 31/537, 47/36**

(11) **WO 00/18406** (13) A1

(21) PCT/EP99/07117

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/102,112 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ORAL DOSAGE FORMULATIONS COMPRISING (2S,3S,5R) –2–(3,5– DIFLUOROPHENYL) –3,5–DIMETHYL –2–MORPHOLINOL AND AN EFFECTIVE STABILIZING AMOUNT OF ALGINIC ACID
• FORMES POSOLOGIQUES A ADMINISTRATION PAR VOIE ORALE CONTENANT LE COMPOSE (2S,3S,5R)–2–(3,5–DIFLUOROPHENYL)–3,5–DIMETHYL–2–MORPHOLINOL ET UNE QUANTITE STABILISANTE EFFICACE D'ACIDE ALGINIQUE

(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) **BALIK, Samuel, Bruce** [US/US]; Glaxo Wellcome Inc., Five Moore Drive, Research Triangle Park, NC 27709 (US).

(74) **REED, Michael, A.**; Glaxo Wellcome plc, Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (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 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; 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 31/55**

(11) **WO 00/18407** (13) A1

(21) PCT/US99/21780

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/101,763 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHODS FOR PREVENTING/TREATING DAMAGE TO SENSORY HAIR CELLS AND COCHLEAR NEURONS
• METHODES POUR LA PREVENTION/LE TRAITEMENT DES CELLULES AUDITIVES CILIEES ET NEURONES COCHLEAIRES ENDOMMAGES

(71) **CEPHALON, INC.** [US/US]; 145 Brandywine Parkway, West Chester, PA 19380 (US).

(72) **YLIKOSKI, Jukka**; Asematie 27 B, FIN–02700 Kauniainen (FI). **PIRVOLA, Ulla**; Thurmanin puistotie 6 B 19, FIN–02700 Kauniainen (FI). **SAARMA, Mart**; Kulosaaren puistotie 36 B 15, FIN–00570 Helsinki (FI). **WALTON, Kevin**; 6 Rock Ridge Drive, Old Saybrook, CT 06475 (US). **HUDKINS, Robert, L.**; 430 S. Saddlebrook Drive, Chester Springs, PA 19425 (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 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 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; 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)[6] **A61K 31/55, C07D 243/10**

(11) **WO 00/18408** (13) A1

(21) PCT/US99/06417

(22) **24 Mar/mar 1999 (24.03.1999)**

(25) en (26) en

(30) 09/163,768 **30 Sep/sep 1998** US **(30.09.1998)**

(30) 09/163,769 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • 2–METHYL–THIENO–BENZODIAZEPINE FORMULATION
• FORMULATION DE 2–METHYL–THIENO–BENZODIAZEPINE

(71) **ELI LILLY AND COMPANY** [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).

(72) **BUNNELL, Charles, Arthur**; 3114 Thomas Drive, Lafayette, IN 47905 (US). **FERGUSON, Thomas, Harry**; 1810 East Main, Greenfield, IN 46140 (US). **HENDRIKSEN, Barry, Arnold**; Castlewellan, 71 Waltham Avenue, Guildford, Surrey GU2 6QE (GB). **SANCHEZ–FELIX, Manuel, Vicente**; Quintain, 1 Tudor Close, Grayshott, Surrey GU2 6HP (GB). **TUPPER, David, Edward**; 8 Mildenhall Close, Lower Earley, Reading, Berkshire RG6 3AT (GB).

(74) **PALMBERG, Arleen** et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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 31/65, 31/56, 31/33, 31/16, 31/19, A61P 25/00**

(11) **WO 00/18409** (13) A1

(21) PCT/SE99/01671

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 9803276–6 **25 Sep/sep 1998** SE **(25.09.1998)**

(30) 9803710–4 **29 Oct/oct 1998** SE **(29.10.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • USE OF CERTAIN DRUGS FOR TREATING NERVE ROOT INJURY
• UTILISATION DE CERTAINS MEDICAMENTS POUR TRAITER LES LESIONS DES RACINES NERVEUSES

(71) **A+ SCIENCE INVEST AB** [SE/SE]; P.O. Box 3096, S–400 10 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OLMARKER, Kjell** [SE/SE]; Gustavsgatan 35, S–431 66 Mölndal (SE). **RYDEVIK, Björn** [SE/SE]; Laboratorietrappan 6, S–412 68 Göteborg (SE).

(74) **GÖTEBORGS PATENTBYRÅ DAHLS AB**; Sjöporten 4, S–417 64 Göteborg (SE).

(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 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; 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 31/70, C07H 1/00, 15/24**

(11) **WO 00/18410** (13) A1

(21) PCT/US99/22593

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 09/160,819 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • GLUTARALDEHYDE MODIFIED CHEMOTHERAPEUTIC AGENTS AND METHODS OF USE THEREOF
• AGENTS CHIMIOTHERAPEUTIQUES MODIFIES PAR GLUTARALDEHYDE ET LEURS METHODES D'UTILISATION

(63) US 09/160,819 (CON) 25 Sep/sep 1998 (25.09.1998)

(71, 72) **LANKS, Karl, W.** [US/US]; 824 President Street, New York, NY 11215 (US).

(74) **SCHAFFER, Robert** et al. / etc.; Darby & Darby P.C., 805 Third Avenue, New York, NY 10022–7513 (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 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; 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 31/716, C08B 37/00, C08L 5/00**

(11) **WO 00/18411** (13) A1

(21) PCT/US99/22144

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 09/161,047 **25 Sep/sep 1998** US **(25.09.1998)**

(30) 09/325,152 **3 Jun/juin 1999** US **(03.06.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • VERY HIGH MOLECULAR WEIGHT β–GLUCANS
• BETA–GLUCANES DE TRES HAUT POIDS MOLECULAIRE

(63) US 09/325,152 (CON) 3 Jun/juin 1999 (03.06.1999)

(71) **THE COLLABORATIVE GROUP, LTD.** [US/US]; 50 East Loop Road, Stony Brook, NY 11790 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PATCHEN, Myra, L.** [US/US]; 1612 Worcester Road A522, Framingham, MA 01705 (US). **JAMAS, Spiros** [US/US]; 67 Mt. Vernon Street, Boston, MA 02108 (US). **EASSON, D., Davidson, Jr.** [US/US]; 47 Olde Colony Drive, Shrewsbury, MA 01545 (US). **OSTROFF, Gary, R.** [US/US]; 301 Bridle Path, Worcester, MA 01604 (US).

(74) **CARROLL, Alice, O.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02421 (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 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; 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)[6] **A61K 35/14, C12N 7/06**

(11) **WO 00/18412** (13) A1

(21) PCT/US99/21769

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 09/161,078 **25 Sep/sep 1998 (25.09.1998)** US

(30) 09/260,375 **1 Mar/mar 1999 (01.03.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SOLID PHASE QUENCHING SYSTEMS
• SYSTEMES D'ATTENUATION EN PHASE SOLIDE

(71) **PENTOSE PHARMACEUTICALS, INC.** [US/US]; 45 Moulton Street, Cambridge, MA 02138 (US).

(72) **PURMAL, Andrei, A.**; Apartment 11, 58 Jacqueline Road, Waltham, MA 02452 (US). **ACKERMAN, Samuel, K.**; 175 King's Grant Road, Weston, MA 02493 (US).

(74) **CLARK, Paul, T.**; Clark & Elbing LLP, 176 Federal Street, Boston, MA 02110–2214 (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; 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 35/30, 35/12, C12N 5/06**

(11) **WO 00/18413** (13) A1

(21) PCT/US99/21084

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 09/163,684 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TRANSPLANTATION OF NEURAL CELLS FOR THE TREATMENT OF CHRONIC PAIN OR SPASTICITY
• TRANSPLANTATION CELLULES NEURALES POUR TRAITER LES DOULEURS CHRONIQUES OU LA SPASTICITE

(71) **DIACRIN, INC.** [US/US]; Building 96, 13th Street, Charlestown Navy Yard, Charlestown, MA 02129 (US).

(72) **DINSMORE, Jonathan**; 28 White Place, Brookline, MA 02146 (US). **SIEGAN, Julie**; 28 Exeter Street, #710, Boston, MA 02116 (US).

(74) **MANDRAGOURAS, Amy, E.** et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).

(81) AU CA JP; 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 35/30, 35/12, C12N 5/06**

(11) **WO 00/18414** (13) A1

(21) PCT/US99/22647

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/163,277 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TRANSPLANTATION OF NEURAL CELLS FOR THE TREATMENT OF ISCHEMIC DAMAGE DUE TO STROKE
• TRANSPLANTATION DE CELLULES NEURONALES POUR LE TRAITEMENT DES LESIONS ISCHEMIQUES DUES A UNE ATTAQUE

(63) US 09/163,277 (CIP) 29 Sep/sep 1998 (29.09.1998)

(71) **DIACRIN, INC.** [US/US]; Building 96, 13th Street, Charlestown, Navy Yard, Charlestown, MA 02129 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DINSMORE, Jonathan** [US/US]; 28 White Place, Brookline, MA 02146 (US). **MARTIN, Jerri** [US/US]; Two Peabody Terrace #1801, Cambridge, MA 02138 (US).

(74) **MANDRAGOURAS, Amy, E.** et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).

(81) AU CA JP US; 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 35/78, A61P 25/06**

(11) **WO 00/18415** (13) A1

(21) PCT/EP99/07045

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) de (26) de

(30) 198 44 836.8 **30 Sep/sep 1998 (30.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PHARMACEUTICALLY ACTIVE PLANT PREPARATION FOR THE TREATMENT OF MIGRAINE
• PREPARATION VEGETALE D'ACTION PHARMACEUTIQUE DESTINEE AU TRAITEMENT DE MIGRAINES

(71) **HEXAL AG** [DE/DE]; Industriestrasse 25, D–83607 Holzkirchen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SPIESS, Stefan** [DE/DE]; Buchkogelstrasse 12, D–83666 Schaftlach (DE).

(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; 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)[6] **A61K 35/78, 7/48, A23L 3/00**

(11) **WO 00/18416** (13) A1

(21) PCT/NZ98/00146

(22) **30 Sep/sep 1998 (30.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ANTIOXIDANT COMPOSITIONS AND PROCESS FOR THEIR PREPARATION
• COMPOSITIONS D'ANTIOXYDANTS ET LEUR PROCEDE DE PREPARATION

(71) **INDUSTRIAL RESEARCH LIMITED** [NZ/NZ]; Gracefield Research Centre, Gracefield Road, Lower Hutt 6009, Wellington (NZ).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FOO, Lai, Yeap** [NZ/NZ]; 55 Penrose Street, Lower Hutt 6009, Wellington (NZ).

(74) **ROGERS, Karl, Malcolm** et al. / etc.; West–Walker Bennett, Mobil on the Park, P.O. Box 1344, 157 Lambton Quay, Wellington 6001 (NZ).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)[7] **A61K 38/00**

(11) **WO 00/18417** (13) A2

(21) PCT/US99/21954

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 60/101,771 **25 Sep/sep 1998 (25.09.1998)** US

(30) 09/168,869 **9 Oct/oct 1998 (09.10.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TREATMENT OF HEPATITIS B INFECTION WITH THYMOSIN ALPHA 1 IN COMBINATION WITH LAMIVUDINE OR IN COMBINATION WITH LAMIVUDINE AND FAMCICLOVIR
• TRAITEMENT DE L'INFECTION AU VIRUS DE L'HEPATITE B A L'AIDE DE THYMOSINE ALPHA 1 EN COMBINAISON AVEC DE LA LAMIVUDINE, OU AVEC DE LA LAMIVUDINE ET DU FAMCICLOVIR

(71) **SCICLONE PHARMACEUTICALS, INC.** [US/US]; Suite 315, 901 Mariner's Island Boulevard, San Mateo, CA 94404 (US).

(72) **LEUNG, Ying–Kit**; Guangdong Hong Kong, Center for Viral Hepatitis Research, Hong Kong (CN).

(74) **REPPER, George, R.** et al. / etc.; Rothwell, Figg, Ernst & Kurz, Columbia Square, Suite 701 East, 555 13th Street N.W., Washington, DC 20004 (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 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; 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 38/00**

(11) **WO 00/18418** (13) A2

(21) PCT/US99/22268

(22) **25 Sep/sep 1999 (25.09.1999)**

(25) en (26) en

(30) 60/101,876 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INHIBITION OF ERYTHROCYTE SICKLING BY N–L–ALPHA–ASPARTYL–L–PHENYLALANINE 1–METHYL ESTER
• INHIBITION DE LA FALCIFORMATION DES ERYTHROCYTES PAR N–L–ALPHA–ASPARTYL–L–PHENYLALANINE 1–METHYL ESTER

(71) **OKLAHOMA MEDICAL RESEARCH FOUNDATION** [US/US]; 825 N.E. 13th Street, Oklahoma City, OK 73104 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MANION, Carl, V.** [US/US]; 6313 Overcourt Manor, Oklahoma City, OK 73132 (US). **EDMUNDSON, Allen, B.** [US/US]; 14608 Lisa Lane, Edmond, OK 73013 (US).

(74) **HANSEN, Eugenia, S.** et al. / etc.; Sidley & Austin, Suite 3400, 717 North Harwood, Dallas, TX 75201 (US).

(81) AU CA JP US; 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 38/00**

(11) **WO 00/18419** (13) A2

(21) PCT/US99/22366

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/101,828 **25 Sep/sep 1998 (25.09.1998)** US

(30) 60/125,750 **24 Mar/mar 1999 (24.03.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHODS FOR ADMINISTRATION OF ANTIBIOTICS
• METHODES D'ADMINISTRATION D'ANTIBIOTIQUES

(71) **CUBIST PHARMACEUTICALS, INC.** [US/US]; 24 Emily Street, Cambridge, MA 02139 (US).

(72) **OLESON, Frederick, B., Jr.**; 5 Partridge Lane, Concord, MA 01742 (US). **TALLY, Francis, P.**; 336 Hemlock Circle, Lincoln, MA 01733 (US).

(74) **BROWN, Karen, E.** et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (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 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; 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 38/00**

(11) **WO 00/18420** (13) A2

(21) PCT/US99/22368

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 60/102,325 **28 Sep/sep 1998 (28.09.1998)** US

(30) 09/266,709 **11 Mar/mar 1999 (11.03.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ROBUST STEADY–STATE TARGET CALCULATION FOR MODEL PREDICTIVE CONTROL
• CALCUL ROBUSTE DE CIBLES EN REGIME PERMANENT POUR UNE COMMANDE PREDICTIVE DE MODELE

(63) US 09/266,709 (CIP) 11 Mar/mar 1999 (11.03.1999)
US 60/102,325 (CIP) 28 Sep/sep 1998 (28.09.1998)

(71) **ASPEN TECHNOLOGY, INC.** [US/US]; 10 Canal Park, Cambridge, MA 02141 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KASSMAN, Dean, E.** [US/US]; 7490 Brompton Street, Houston, TX 77025 (US). **BADGWELL, Thomas, A.** [US/US]; 2127 Addison, Houston, TX 77030 (US). **HAWKINS, Robert, B.** [CA/US]; 4103 Harbour Circle, Missouri City, TX 77459–1712 (US).

(74) **WAKIMURA, Mary, Lou** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02421 (US).

(81) CA JP US; 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 38/00, 38/16, C07K 14/00**

(11) **WO 00/18421** (13) A1

(21) PCT/US99/22608

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/163,047 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CONTORTROSTATIN (CN) AND METHODS FOR ITS USE IN PREVENTING METASTASIS AND OTHER CONDITIONS
• CONTORTROSTATINE (CN) ET PROCEDES RELATIFS A SON UTILISATION POUR PREVENIR LA METASTASE ET D'AUTRES AFFECTIONS

(71) **THE UNIVERSITY OF SOUTHERN CALIFORNIA** [US/US]; University Park, Los Angeles, CA 90007 (US).

(72) **MARKLAND, Francis, S., Jr.**; 2804 Elm Avenue, Manhattan Beach, CA 90266 (US). **ZHOU, Qing**; Apartment A, 224 North Primrose Avenue, Alhambra, CA 91801 (US).

(74) **CHURCHILL, Margaret**; Fulbright & Jaworski L.L.P., 29th floor, 865 S. Figueroa Street, Los Angeles, CA 90017–2576 (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 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; 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 38/02, A61P 27/02**

(11) **WO 00/18422** (13) A1

(21) PCT/JP99/05239

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) ja (26) ja

(30) 10/273332 **28 Sep/sep 1998 (28.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LACRIMAL SECRETION PROMOTERS OR EYE DROPS FOR TREATING KERATOCONJUNCTIVAL FAILURE CONTAINING AS THE ACTIVE INGREDIENT NATRIURETIC PEPTIDES
• PROMOTEURS DE SECRETION LACRYMALE OU GOUTTES OPHTALMOLOGIQUES CONTENANT DES PEPTIDES NATRIURETIQUES COMME PRINCIPES ACTIFS POUR TRAITER LA KERATOCONJONCTIVITE

(71) **SANTEN PHARMACEUTICAL CO., LTD.** [JP/JP]; 9–19, Shimoshinjo 3–chome, Higashi–Yodogawa–ku, Osaka–shi, Osaka 533–8651 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAKATA, Katsuhiko** [JP/JP]; Santen Pharmaceutical Co., Ltd., Nara RD Center 8916–16, Takayama–cho, Ikoma–shi, Nara 630–0101 (JP). **NAKAMURA, Masatsugu** [JP/JP]; Santen Pharmaceutical Co., Ltd., Nara RD Center 8916–16, Takayama–cho, Ikoma–shi, Nara 630–0101 (JP).

(74) **KISHIMOTO, Einosuke** et al. / etc.; Inaba Building, 3rd floor, 13–18, Nishishinsaibashi 1–chome, Chuo–ku, Osaka–shi, Osaka 542–0086 (JP).

(81) CA CN KR NO US; 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 38/09, 47/40**

(11) **WO 00/18423** (13) A1

(21) PCT/EP99/07389

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 98402403.4 **30 Sep/sep 1998 (30.09.1998)** EP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PHARMACEUTICAL COMPOSITIONS BASED ON ALPHA–CYCLODEXTRIN FOR THE ORAL ADMINISTRATION OF LH–RH ANALOGUES
• COMPOSITIONS PHARMACEUTIQUES A BASE D'ALPHA–CYCLODEXTRINE DESTINEES A L'ADMINISTRATION ORALE D'ANALOGUES DE LH–RH

(71) **LABORATOIRE THERAMEX** [MC/MC]; 6, avenue Prince Héréditaire Albert, MC–98000 Monaco (MC).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DELANSORNE, Rémi** [FR/FR]; 7bis, avenue Edith Cavell, F–06000 Nice (FR). **BONNET, Paule** [FR/FR]; Chemin Glena, 37, route de Sospel, F–06500 Menton (FR). **PARIS, Jacques** [FR/FR]; 31, avenue Cap de Croix, Bât. E1, F–06100 Nice (FR).

(74) **NEVANT, Marc** et al. / etc.; Cabinet Beau de Loménie, 158, rue de l'Université, F–75340 Paris Cedex 07 (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 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; 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 38/11, A61P 25/24**

(11) **WO 00/18424** (13) A1

(21) PCT/SE99/01713

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 9803272–5 **25 Sep/sep 1998 (25.09.1998)** SE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • USE OF SUBSTANCES WITH OXYTOCIN ACTIVITY IN ORDER TO CREATE CELL REGENERATION
• UTILISATION DE SUBSTANCES AYANT UNE ACTIVITE OXYTOCIQUE POUR LA REGENERATION CELLULAIRE

(71) **ENTRETECH MEDICAL AB** [SE/SE]; P.O. Box 200 47, S–200 74 Malmö (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **UVNÄS–MOBERG, Kerstin** [SE/SE]; Sveavägen 9D, S–182 62 Djursholm (SE). **LUNDEBERG, Thomas** [SE/SE]; Höjdstigen 7, S–181 31 Lidingö (SE).

(74) **BERG, S., A.** et al. / etc.; Albihns Patentbyrå Stockholm AB, P.O. Box 5581, S–114 85 Stockholm (SE).

(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 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; 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 38/11, A61P 25/24**

(11) **WO 00/18425** (13) A1

(21) PCT/SE99/01714

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 9803271–7 **25 Sep/sep 1998 (25.09.1998)** SE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • USE OF SUBSTANCES WITH OXYTOCIN ACTIVITY IN ORDER TO CREATE WELL–BEING
• UTILISATION DE COMPOSANTS PRESENTANT UNE ACTIVITE OCYTOCINE AFIN DE SUSCITER UNE SENSATION DE BIEN–ETRE

(71) **ENTRETECH MEDICAL AB** [SE/SE]; Box 200 47, S–200 74 Malmö (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **UVNÄS–MOBERG, Kerstin** [SE/SE]; Sveavägen 9D, S–182 62 Djursholm (SE). **LUNDEBERG, Thomas** [SE/SE]; Höjdstigen 7, S–181 31 Lidingö (SE).

(74) **BERG, S., A.** et al. / etc.; Albihns Patentbyrå Stockholm AB, P.O. Box 5581, S–114 85 Stockholm (SE).

(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 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; 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)[6] **A61K 38/16, 48/00, C12N 15/48 // C07K 14/16**

(11) **WO 00/18426** (13) A1

(21) PCT/JP99/00388

(22) **29 Jan/jan 1999 (29.01.1999)**

(25) ja (26) ja

(30) 10/277361 **30 Sep/sep 1998 (30.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • APOPTOSIS INDUCERS
• INDUCTEURS D'APOPTOSE

(71) **THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH** [JP/JP]; 2–1, Hirosawa, Wako–shi, Saitama 351–0198 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **AIDA, Yoko** [JP/JP]; 3–105, Shareru Tsukuba Matsushiro, 21–2, Matsushiro 4–chome, Tsukuba–shi, Ibaraki 305–0035 (JP). **KAMATA, Masakazu** [JP/JP]; 203, Green Hill Side Hiyama, 3–10–24, Koyadai, Tsukuba–shi, Ibaraki 305–0074 (JP).

(74) **IMAMURA, Masazumi** et al. / etc.; KRF Building 5th floor, 5–5, Kyobashi 1–chome, Chuo–ku, Tokyo 104–0031 (JP).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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 38/21**

(11) **WO 00/18427** (13) A1

(21) PCT/US99/21282

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) 60/102,386 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHODS OF TREATING DISEASED CELLS
• PROCEDES DE TRAITEMENT DE CELLULES MALADES

(71, 72) **FLEISCHMANN, W., Robert** [US/US]; University of Texas Medical Branch at Galveston, Medical Research Building, Room 4.156, 301 University Boulevard, Galveston, TX 77555–1019 (US).

(74) **FISH, Robert, D.**; Crockett & Fish, Suite 706, 1440 N. Harbor Boulevard, Fullerton, CA 92835 (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 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; 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 39/00**

(11) **WO 00/18428** (13) A2

(21) PCT/US99/20852

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 60/100,037 **11 Sep/sep 1998** US **(11.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HEDGEHOG AND PATCHED ANTAGONISTS FOR INHIBITING CELL AND TISSUE GROWTH AND DIFFERENTIATION AND USES THEREFOR
• ANTAGONISTES ≤HERISSON≥ ET EN PIECES PERMETTANT D'INHIBER LA CROISSANCE ET LA DIFFERENCIATION CELLULAIRES ET TISSULAIRES, ET LEURS UTILISATIONS

(71) **BIOGEN, INC.** [US/US]; 14 Cambridge Center, Cambridge, MA 02142 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BURKLY, Linda** [US/US]; 34 Winthrop Street, West Newton, MA 02165 (US). **WANG, Li, Chun** [—/US]; 177 Old Westboro Road, North Grafton, MA 01536 (US).

(74) **KAPLAN, Warren, A.**; Biogen, Inc., 14 Cambridge Center, Cambridge, MA 02142 (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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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 39/00**

(11) **WO 00/18429** (13) A2

(21) PCT/US99/22107

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/101,760 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • VACCINE BASED ON ATTENUATED *HAEMOPHILUS SOMNUS*
• VACCIN A BASE D'HAEMOPHILUS SOMNUS ATTENUE

(63) US 60/101,760 (CIP)
25 Sep/sep 1998 (25.09.1998)

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; Office of Technology Transfer, 5th floor, 1111 Franklin Street, Oakland, CA 94607–5200 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CORBEIL, Lynette, B.** [CA/US]; 1648 Neale Street, San Diego, CA 92103 (US). **ZIEGLER, Elizabeth, J.** [US/US]; 930 Gage Drive, San Diego, CA 92106–2963 (US). **SANDERS, Jerry, D.** [US/US]; 12345 Alcoy Drive, Fenton, MI 48430 (US).

(74) **WILSON, Barry, S.** et al. / etc.; Foley & Lardner, Suite 23, 401 West Broadway, San Diego, CA 92101–3542 (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 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; 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 39/00**

(11) **WO 00/18430** (13) A2

(21) PCT/US99/22349

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 60/102,143 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LIVE VIRUS VACCINES TO PROTECT PRIMATES FROM HIV–1 INFECTION AND DISEASE
• VACCINS A VIRUS ACTIF DESTINES A LA PROTECTION DE PRIMATES CONTRE DES INFECTIONS ET MALADIES DUES AU VIH–1

(71) **UNIVERSITY OF KANSAS MEDICAL CENTER** [US/US]; 3901 Rainbow Boulevard, Kansas City, KS 66160 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NARAYAN, Opendra** [US/US]; 535 Hillcrest E., Lake Quivira, KS 66106 (US).

(74) **HARPER, David, S.**; 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; 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 39/00, 38/19, C07K 14/705**

(11) **WO 00/18431** (13) A1

(21) PCT/US99/22992

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/164,186 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CHEMOKINE RECEPTOR PEPTIDE VACCINES FOR TREATMENT AND PREVENTION OF DIABETES
• VACCINS CONTENANT DES PEPTIDES ISSUS DU RECEPTEUR DE CHIMIOKINE PERMETTANT DE TRAITER ET DE PREVENIR LE DIABETE

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

(72) **HOWARD, Maureen**; 12700 Viscaino Road, Los Altos Hills, CA 94022 (US). **DESHPANDE, Shrikant**; 5910 Remer Terrace, Fremont, CA 94555 (US). **FERLIN, Walter**; Résidence Hadriana, Appartement 422, Bâtiment D, 520, chemin des Maures, F–06600 Antibes (FR). **ARIMILLI, Subhashini**; 4789 Ridgewood Drive, Fremont, CA 94555 (US).

(74) **BASTIAN, Kevin, L.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111–3834 (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 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; 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 39/21**

(11) **WO 00/18432** (13) A1

(21) PCT/US99/23013

(22) **1 Oct/oct 1999 (01.10.1999)**

(25) en (26) en

(30) 60/102,657 **1 Oct/oct 1998** US **(01.10.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CARBOHYDRATE VACCINES FOR VIRAL DISEASES
• VACCINS AUX HYDRATES DE CARBONE CONTRE LES MALADIES VIRALES

(71) **PROGENICS PHARMACEUTICALS, INC.** [US/US]; 777 Old Saw Mill River Road, Tarrytown, NY 10591 (US).

(72) **MADDON, Paul, J.**; 191 Fox Meadow Road, Scarsdale, NY 10583 (US). **OLSON, William, C.**; 21 Fawn Court, Ossining, NY 10562 (US).

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

(81) AU CA JP MX; 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 39/39, A61P 31/18 // A61K 39/21, 39/00, C12N 5/10**

(11) **WO 00/18433** (13) A2

(21) PCT/EP99/07788

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 98402381.2 **28 Sep/sep 1998** EP **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • USE OF ANTIGENIC COMPLEXES OF HIV ENVELOPE AND HLA CLASS I ANTIGENS AS HIV VACCINE
• UTILISATION DE COMPLEXES ANTIGENES DE L'ENVELOPPE DU VIH ET D'ANTIGENES HLA DE CLASSE I COMME VACCIN DU VIH

(71) **FONDATION MONDIALE RECHERCHE ET PREVENTION SIDA** [FR/FR]; 1, rue Miollis, F–75732 Cedex 15 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERETTA, Alberto** [IT/FR]; 3, avenue Robert Schuman, F–75007 Paris (FR). **BLANC, Dominique** [FR/FR]; 26, rue de Charonne, F–75011 Paris (FR). **COSMA, Antonio** [IT/FR]; 18, rue Pierre Larousse, F–75014 Paris (FR). **QUILLENT, Caroline** [FR/FR]; 33, rue Clément Perrot, F–94400 Vitry–sur–Seine (FR). **BRAUN, Joséphine** [FR/FR]; 5, place du Marché Sainte Catherine, F–75004 Paris (FR).

(74) **CABINET ORES**; 6, avenue de Messine, F–75008 Paris (FR).

(81) BR CA JP MX RU US; 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 39/39, 39/095, 39/102, 39/106, 39/245, 39/155, 39/15, C12N 15/63, 5/10 // C07K 14/28**

(11) **WO 00/18434** (13) A1

(21) PCT/US99/22520

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,430 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MUTANT CHOLERA HOLOTOXIN AS AN ADJUVANT
• HOLOTOXINE MUTANTE DU CHOLERA UTILISEE COMME ADJUVANT

(71) **AMERICAN CYANAMID COMPANY** [US/US]; Five Giralda Farms, Madison, NJ 07940 (US). **THE GOVERNMENT OF THE UNITED STATES OF AMERICA as represented by the UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES** [US/US]; 4301 Jones Bridge Road, Bethesda, MD 20814–4799 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOLMES, Randall, K.** [US/US]; 23371 Morning Rose Drive, Golden, CO 80401 (US). **JOBLING, Michael, G.** [GB/US]; 5250 Cherry Creek Drive South, Apt. 18A, Denver, CO 80222 (US). **ELDRIDGE, John, H.** [US/US]; 4 Beatrice Cove, Fairport, NY 14450 (US). **GREEN, Bruce, A.** [US/US]; 49 Northfield Gate, Pittsford, NY 14534 (US). **HANCOCK, Gerald, E.** [US/US]; 50 Plains Road, Honeoye Falls, NY 14472 (US). **PEEK, Joel, A.** [US/US]; 156 Railroad Mills Road, Pittsford, NY 14534 (US).

(74) **GORDON, Alan, M.**; American Home Products Corporation, Patent Law Dept. – 2B2, One Campus Drive, Parsippany, NJ 07054 (US) et al. / etc.

(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 US UZ VN YU ZA ZW; 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 39/395, 35/14 // C07K 16/42, 16/28, 16/30**

(11) **WO 00/18435** (13) A1

(21) PCT/EP99/07094

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) de (26) de

(30) 198 44 157.6 **25 Sep/sep 1998** DE **(25.09.1998)**

(30) 198 59 115.2 **21 Dec/déc 1998** DE **(21.12.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TIME–STAGGERED UTILIZATION OF TUMOR CELLS IN COMBINATION WITH INTACT ANTIBODIES FOR IMMUNIZATION
• UTILISATION DE CELLULES TUMORALES AVEC UN DECALAGE TEMPOREL EN COMBINAISON AVEC DES ANTICORPS INTACTS POUR L'IMMUNISATION

(71, 72) **LINDHOFER, Horst** [DE/DE]; Bodenseestrasse 12, D–82194 Gröbenzell (DE).

(72, 75) **RUF, Peter** [DE/DE]; Keltenstrasse 11, D–82296 Schöngeising (DE).

(74) **BEHNISCH, Werner**; Reinhard–Skuhra–Weise & Partner GbR, Postfach 44 01 51, D–80750 München (DE).

(81) CA JP US; 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 39/395, 38/48, A61P 9/10**

(11) **WO 00/18436** (13) A1

(21) PCT/EP99/07405

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 98203280.7 **29 Sep/sep 1998 (29.09.1998)** EP

(30) 99202004.0 **22 Jun/juin 1999 (22.06.1999)** EP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • USE OF COMPOUNDS THAT REDUCE ALPHA2–ANTIPLASMIN IN VIVO FOR THE PREPARATION OF A COMPOSITION FOR THE TREATMENT OF ISCHEMIC STROKE
• UTILISATION DE COMPOSES DE REDUCTION DES α_2–ANTIPLASMINES IN–VIVO POUR LA PREPARATION D'UNE COMPOSITION THERAPEUTIQUE CONTRE L'ACCIDENT ISCHEMIQUE CEREBRAL

(71) **LEUVEN RESEARCH & DEVELOPMENT VZW** [BE/BE]; Benedenstraat 60, B–3000 Leuven (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NOBUO, Nagia** [JP/JP]; E–317, Handa–cho 3776, Hamamatsu, Shizuoka 431–3124 (JP). **COLLEN, Désiré, José** [BE/GB]; 28 Collingham Gardens, London SW5 0HN (GB).

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

(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 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; 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 39/395, C07K 16/28, C12N 15/13**

(11) **WO 00/18437** (13) A1

(21) PCT/US99/22421

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 60/102,100 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TIE2 ANTAGONIST ANTIBODIES
• ANTICORPS ANTAGONISTES DE TIE2

(71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US). **SMITHKLINE BEECHAM PLC** [GB/GB]; New Horizons Court, Brentford, Middlesex TW8 9EP (GB).
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(72, 75) **HOLMES, Stephen, D.** [GB/GB]; New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). **ERICKSON–MILLER, Connie, L.** [US/US]; 608 Brainerd Place, Exton, PA 19341 (US). **WINKLER, James, D.** [US/US]; 701 Hartranft Avenue, Fort Washington, PA 19034 (US).

(74) **BAUMEISTER, Kirk** 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) CA JP US; 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 43/04, C07H 21/04, C07K 1/00, 14/00, 17/00, C12N 5/02, 5/06, 15/00, 15/09, 15/63, 15/70, 15/74, C12P 21/06, C12Q 1/68, G01N 33/00**

(11) **WO 00/18438** (13) A1

(21) PCT/US99/22384

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/161,113 **25 Sep/sep 1998 (25.09.1998)** US

(30) 09/255,368 **22 Feb/fév 1999 (22.02.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DNA ENCODING MAMMALIAN NEUROPEPTIDE FF (NPFF) RECEPTORS AND USES THEREOF
• ADN CODANT POUR DES RECEPTEURS DE NEUROPEPTIDE FF (NPFF) DE MAMMIFERE ET LEURS APPLICATIONS

(71) **SYNAPTIC PHARMACEUTICAL CORPORATION** [US/US]; 215 College Road, Paramus, NJ 07652 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) **GERALD, Christophe, P.G.**; 204B Union Street, Ridgewood, NJ 07450 (US). **JONES, Kenneth, A.**; 136 East Main Street, Bergenfield, NJ 07621 (US). **BONINI, James, A.**; 80 Manito Avenue, Oakland, NJ 07436 (US). **BOROWSKY, Beth**; 218 Park Street, Montclair, NJ 07042 (US).

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

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR 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 TZ UA UG UZ VN YU ZA ZW; 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 49/00, 47/48, 51/10**

(11) **WO 00/18439** (13) A2

(21) PCT/EP99/07198

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) de (26) de

(30) 198 45 798.7 **29 Sep/sep 1998 (29.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • USE OF NEOANGIOGENESIS MARKERS FOR DIAGNOSING AND TREATING TUMOURS BY THERAPY
• UTILISATION DE MARQUEURS DE NEOANGIOGENESE POUR DIAGNOSTIQUER ET TRAITER DES TUMEURS

(71) **SCHERING AKTIENGESELLSCHAFT** [DE/DE]; Müllerstrasse 178, D–13342 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KRAUSE, Werner** [DE/DE]; Turmfalkenstrasse 39a, D–13505 Berlin (DE). **MUSCHICK, Peter** [DE/DE]; Biesenthaler Weg 3, D–16321 Ladeburg (DE).

(81) AE AL AM AU AZ BA BB BG BR BY CA CN CR CU CZ DM EE ES GD GE GH GM HR HU ID IL IN IS JP KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL PT RO RU SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; 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 51/08**

(11) **WO 00/18440** (13) A1

(21) PCT/US99/22337

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 98203235.1 **25 Sep/sep 1998 (25.09.1998)** EP

(30) 98203244.3 **28 Sep/sep 1998 (28.09.1998)** EP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SOMATOSTATIN RECEPTOR RADIOLIGAND WITH INCREASED UPTAKE
• RADIOLIGAND RECEPTEUR DE LA SOMATOSTATINE, A ABSORPTION AMELIOREE

(71) **MALLINCKRODT INC.** [US/US]; P.O. Box 5840, 675 McDonnell Boulevard, St. Louis, MO 63134 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DE JONG, Martinus, Theodorus, Maria** [NL/NL]; Vangershof 17, NL–1616 PH Hoogkarspel (NL). **BREEMAN, Wout, A.** [NL/NL]; Rietgors 6, NL–3271 XD Mijnsheerenland (NL). **VISSER, Theofilus, Johannes** [NL/NL]; Viswant 6, NL–3192 MB Hoogvliet (NL). **KRENNING, Eric, Paul** [NL/NL]; Hoflaan 71, NL–3062 JK Rotterdam (NL). **SRINIVASAN, Ananthachari** [US/US]; 332 Woodmere Drive, St. Charles, MO 63303 (US).

(74) **BOONE, Jeffrey, S.**; Mallinckrodt Inc., 675 McDonnell Boulevard, P.O. Box 5840, St. Louis, MO 63134 (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 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; 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 2/00**

(11) **WO 00/18441** (13) A1

(21) PCT/US99/22509

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,663 **1 Oct/oct 1998 (01.10.1998)** US

(30) 60/102,664 **1 Oct/oct 1998 (01.10.1998)** US

(30) 60/117,401 **27 Jan/jan 1999 (27.01.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ENDOSCOPE REPROCESSING AND STERILIZATION SYSTEM
• SYSTEME DE RETRAITEMENT ET DE STERILISATION D'ENDOSCOPES

(71) **MINNTECH CORPORATION** [US/US]; 14605 28th Avenue North, Minneapolis, MN 55447 (US).

(72) **OBERLEITNER, Raymond, P.**; 13202 Oakwood Road, Zimmerman, MN 55398 (US). **MARXER, John, E.**; 4895 Safari Court South, Eagan, MN 55122 (US). **SLY, Ward, J.**; 4308 Edinbrook Terrace, Brooklyn Park, MN 55443 (US). **STANLEY, Patricia, M.**; 3701 Pillsbury Avenue South, Minneapolis, MN 55409 (US). **WORSNICK, Gregory**; 1198 Wildwood Court, Chaska, MN 55318 (US). **WEIMER, Kurt, J.**; 6211 Dogwood Avenue, Excelsior, MN 55331 (US). **MARTIN, Bruce, D.**; 3036 Portland Avenue South, Minneapolis, MN 55407 (US). **HENDERSON, Mary, Beth**; 615 Upton Avenue South, Minneapolis, MN 55405 (US). **ONSTAD, Bradley, K.**; 11531 Kentucky Avenue North, Champlin, MN 55316 (US).

(74) **LESTER, Michelle, N.**; Nixon & Vanderhye P.C., Suite 800, 1100 North Glebe Road, Arlington, VA 22201–4714 (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; 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 2/18, A01N 47/44**

(11) **WO 00/18442** (13) A1

(21) PCT/US99/21942

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) en (26) en

(30) 09/160,745 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CATHETER FLUSH SOLUTION AND METHOD FOR ITS USE
• SOLUTION DE RINÇAGE DE CATHETER ET PROCEDE D'UTILISATION ASSOCIE

(71) **BECTON, DICKINSON AND COMPANY** [US/US]; 1 Becton Drive, Franklin Lakes, NJ 07417–1880 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KHAN, Mohammad, A.** [US/US]; 10005 South Falcon Hurst Drive, Sandy, UT 84092 (US).

(74) **SERVILLA, Scott, S.**; Becton, Dickinson and Company, 1 Becton Drive, Franklin Lakes, NJ 07417–1880 (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; 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] **A61L 27/00, 24/12**

(11) **WO 00/18443** (13) A1

(21) PCT/GB99/03126

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) en (26) en

(30) 9820874.7 **26 Sep/sep 1998 (26.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MELT–MOULDABLE COMPOSITES
• COMPOSITES MOULABLES PAR FUSION

(71) **SMITH & NEPHEW PLC** [GB/GB]; 2 Temple Place, Victoria Embankment, London WC2R 3BP (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STAINTON, Neil, McVean** [GB/GB]; 14 The Limes, Stockton on the Forest, York YO32 9UL (GB).

(74) **GROUP PATENTS & TRADE MARKS DEPARTMENT**; Smith & Nephew Group Research Centre, York Science Park, Heslington, York YO10 5DF (GB).

(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; 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 27/00, A61F 2/28, C07F 9/6561**

(11) **WO 00/18444** (13) A1

(21) PCT/JP99/05343

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) ja (26) ja

(30) 10/277679 **30 Sep/sep 1998 (30.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BONE REPAIR MATERIALS/ARTIFICIAL BONE COMPOSITIONS
• COMPOSITIONS DE MATERIAUX DE REPARATION DES OS/OS ARTIFICIELS

(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) **MAKINO, Haruhiko** [JP/JP]; 17–8, Wakaba 1–chome, Inagawa–cho, Kawabe–gun, Hyogo 666–0251 (JP). **NAKAMURA, Takashi** [JP/JP]; 36–13, Shuneicho, Saiin, Ukyo–ku, Kyoto–shi, Kyoto 615–0005 (JP). **KATO, Hirohumi** [JP/JP]; 18–202, Higashitsutacho, Kitashirakawa, Sakyo–ku, Kyoto–shi, Kyoto 606–8263 (JP). **HOSHINO, Tetsuo** [JP/JP]; 13–6, Shinkofudai 5–chome, Toyonocho, Toyono–gun, Osaka 563–0105 (JP).

(74) **ASAHINA, Tadao** 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 AL AM AU AZ BA BB BG BR BY CA CN CR CU CZ DM EE GD GE HR HU ID IL IN IS JP KG KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT TZ UA US UZ VN YU ZA; 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 27/36**

(11) **WO 00/18445** (13) A1

(21) PCT/US99/22550

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,514 **30 Sep/sep 1998 (30.09.1998)** US

(30) 60/103,697 **9 Oct/oct 1998 (09.10.1998)** US

(30) 60/105,949 **28 Oct/oct 1998 (28.10.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS FOR REDUCING MINERALIZATION OF TISSUE USED IN TRANSPLANTATION
• PROCEDE PERMETTANT DE REDUIRE LA MINERALISATION D'UN TISSU UTILISE POUR UNE TRANSPLANTATION

(71) **MEDTRONIC, INC.** [US/US]; 7000 Central Avenue N.E., Minneapolis, MN 55432 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **TORRIANNI, Mark, W.** [US/US]; 32882 Via Del Amo, San Juan Capistrano, CA 92675 (US).

(74) **MUETING, Ann, M.**; Mueting, Raasch & Gebhardt, P.A., P.O. Box 581415, Minneapolis, MN 55458–1415 (US).

(81) AU CA JP US; 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] **A61L 29/00, 31/00**

(11) **WO 00/18446** (13) A1

(21) PCT/EP99/07156

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 98402367.1 **25 Sep/sep 1998 (25.09.1998)** EP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MULTI–LAYERED SLEEVE FOR INTRAVASCULAR EXPANDABLE DEVICE
• MANCHON MULTICOUCHE POUR DISPOSITIF INTRAVASCULAIRE EXPANSIBLE

(71) **LABORATOIRES NYCOMED S.A.** [FR/FR]; Centre d'Affaires et d'Activities, "Tolbiac Massena", 25, quai Panhard Levassor, F–75013 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BESSIERE, Fabienne** [FR/FR]; 1, avenue Gallieni, F–94100 Saint Maur (FR). **STROHBAND, Hans–Peter** [DE/DE]; Carl Zuckmayer Strasse 32, D–40699 Erkrath (DE). **ANDERSEN, Erik** [DK/DK]; Ronnens Kut 5, DK–4000 Osted Roskilde (DK).

(74) **BOYDELL, John, Christopher** et al. / etc.; Stevens Hewlett & Perkins, 1 Serjeants' Inn, Fleet Street, London, Greater London EC4Y 1NT (GB).

(81) JP US; 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] **A61M**

(11) **WO 00/18447** (13) A2

(21) PCT/US99/20807

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 09/164,642 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MULTIPLEX DRUG DELIVERY SYSTEM SUITABLE FOR ORAL ADMINISTRATION
• SYSTEME MULTIPLEXE DE LIBERATION DE MEDICAMENTS APPROPRIE A L'ADMINISTRATION PAR VOIE ORALE

(71) **IMPAX PHARMACEUTICALS, INC.** [US/US]; 30831 Huntwood Avenue, Hayward, CA 94544 (US).

(72) **TING, Richard**; 38 Woodranch Circle, Danville, CA 94506 (US). **HSIAO, Charles**; 2012 Westbrook Lane, Livermore, CA 94550 (US).

(74) **SCHWARTZ, Jeff** et al. / etc.; 1801 K Street, NW, Suite 400K, Washington, DC 20006 (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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **A61M**

(11) **WO 00/18448** (13) A2

(21) PCT/US99/22572

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,561 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND APPARATUS FOR PREVENTING AIR EMBOLISMS
• METHODE ET DISPOSITIF DE PREVENTION DES EMBOLIES GAZEUSES

(71) **A–MED SYSTEMS, INC.** [US/US]; 2491 Boatman Avenue, West Sacramento, CA 95691 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ABOUL–HOSN, Walid** [US/US]; 4625 Chicago Avenue, Fair Oaks, CA 95628 (US). **KANZ, William, R.** [US/US]; 4695 Francis Court, Sacramento, CA 95822 (US). **SPANGLER, Jonathan** [US/US]; 1815 G Street, Sacramento, CA 95814 (US).

(74) **RYAN, Daniel, D.** et al. / etc.; 633 West Wisconsin Avenue, Milwaukee, WI 53203 (US).

(81) JP US; 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] **A61M**

(11) **WO 00/18449** (13) A2

(21) PCT/US99/22993

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,469 **30 Sep/sep 1998 (30.09.1998)** US

(30) 60/121,565 **25 Feb/fév 1999 (25.02.1999)** US

(30) 60/134,981 **20 May/mai 1999 (20.05.1999)** US

(30) 09/409,014 **29 Sep/sep 1999 (29.09.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • COMMUNICATION STATION AND SOFTWARE FOR INTERFACING WITH AN INFUSION PUMP, ANALYTE MONITOR, ANALYTE METER, OR THE LIKE
• POSTE DE COMMUNICATION POUR LOGICIEL DESTINE A ASSURER L'INTERFACE AVEC UNE POMPE A PERFUSION, UN APPAREIL DE SURVEILLANCE D'ANALYTES, UN DOSEUR D'ANALYTES OU AUTRE

(71) **MINIMED INC.** [US/US]; 12744 San Fernando Road, Sylmar, CA 91342 (US).

(72) **MALAVE, Luis, J.**; 24107 Del Monte Drive, #24, Valencia, CA 91355 (US). **ESTES, Mark**; 662 Breckenridge Place, Simi Valley, CA 93065 (US). **YONEMOTO, Jay**; 1154 South Crofter Drive, Diamond Bar, CA 91765 (US). **BARLOW, J., Jeffrey**; 28309 Granite Court, Valencia, CA 91354 (US). **GROSS, Todd, M.**; 22360 Barcotta Drive, Saugus, CA 91350 (US). **SHIN, John**; 522 N. Jackson Street, #303, Glendale, CA 91206 (US). **CHENEY, Paul, S., III**; 20401 Ingomar Street, Winnetka, CA 91306 (US). **DOBBLES, Mike**; 12744 San Fernando Road, Sylmar, CA 91342 (US). **HAGUE, Clifford, W.**; 14570 Benefit Street, #303, Sherman Oaks, CA 91403 (US). **RUPPERT, Deborah**; 2216 S. Bentley Avenue, #1, Los Angeles, CA 90064 (US). **WELLS, Kevin, C.**; 12744 San Fernando Road, Sylmar, CA 91342 (US).

(74) **KOVELMAN, Paul, H.**; MiniMed, Inc., 12744 San Fernando Road, Sylmar, CA 91342 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; 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)[6] **A61M 1/06**

(11) **WO 00/18450** (13) A1

(21) PCT/SE98/01636

(22) **15 Sep/sep 1998 (15.09.1998)**

(25) sv (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BREAST PUMP
• TIRE–LAIT

(71) **SONELIUS, Bo** [SE/SE]; Harkarpsvägen 63, S–561 38 Huskvarna (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOVACS, Ildiko** [HU/SE]; Hakarpsvägen 63, S–561 38 Huskvarna (SE).

(74) **ARWIDI, Bengt**; Ahlpatent AB, Förborgsgatan 27, S–554 39 Jönköping (SE).

(81) 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 EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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] **A61M 1/36**

(11) **WO 00/18451** (13) A1

(21) PCT/US99/20493

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 09/160,685 **25 Sep/sep 1998 (25.09.1998)** US

(30) 09/310,673 **12 May/mai 1999 (12.05.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DETERMINING BLOOD FLOW RATE IN A VESSEL
• DETERMINATION DE LA VITESSE DU DEBIT SANGUIN DANS UN VAISSEAU

(71) **THE REGENTS OF THE UNIVERSITY OF MICHIGAN** [US/US]; 3003 South State Street, Ann Arbor, MI 48109 (US).

(72) **WEITZEL, William, F.**; 6080 Crane Road, Ypsilanti, MI 48197 (US). **RUBIN, Jonathan, M.**; 3650 West Huron River Drive, Ann Arbor, MI 48103 (US). **MESSANA, Joseph, M.**; 3694 Tanglewood Court, Ann Arbor, MI 48105 (US).

(74) **MANSFIELD, Stephanie, M.** et al. / etc.; Brooks & Kushman, Twenty–Second floor, 1000 Town Center, Southfield, MI 48075 (US).

(81) AU CA DE GB JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **A61M 5/142, 5/00**

(11) **WO 00/18452** (13) A1

(21) PCT/JP98/04332

(22) **28 Sep/sep 1998 (28.09.1998)**

(25) ja (26) ja

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PORTABLE, DISPOSABLE CHARGING PUMP EQUIPPED WITH VARIABLE FLOW RATE DEVICE
• POMPE D'ADMISSION PORTATIVE JETABLE EQUIPEE D'UN DISPOSITIF A DEBIT VARIABLE

(71) **TSUKADA MEDICAL RESEARCH CO., LTD.** [JP/JP]; 8–12–501, Kitashinjuku 4–chome, Shinjuku–ku, Tokyo 169–0074 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TSUKADA, Osamu** [JP/JP]; 318–1, Ohaza Sumiyoshi, Ueda–shi, Nagano 386–0002 (JP).

(74) **SHAMOTO, Ichio** et al. / etc.; Yuasa and Hara, New Ohtemachi Building, Section 206, 2–1, Ohtemachi 2–chome, Chiyoda–ku, Tokyo 100–0004 (JP).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **A61M 5/178**

(11) **WO 00/18453** (13) A1

(21) PCT/US99/22497

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,436 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • EXACT DOSE DISPENSER DEVICE ASSEMBLY
• ASSEMBLAGE DE DISPOSITIF DISTRIBUTEUR DE DOSE EXACTE

(71) **COMAR, INC.** [US/US]; One Comar Place, Buena, NJ 08310 (US).

(72) **BUEHLER, John, D.**; 20 Bishops Run Lane, Bridgeton, NJ 08302 (US). **MATHIAS, Eric, S.**; 42 1/2 Old Deerfield Pike, Bridgeton, NJ 08302 (US).

(74) **RENZ, Eugene, E., Jr.**; Eugene E. Renz, Jr. P.C., P.O. Box 2056, 205 North Monroe Street, Media, PA 19063 (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; 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] **A61M 5/32**

(11) **WO 00/18454** (13) A1

(21) PCT/GB99/03170

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 9820784.8 **25 Sep/sep 1998 (25.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IMPROVEMENTS IN OR RELATING TO HYPODERMIC SYRINGES

• AMELIORATIONS APPORTEES A DES SERINGUES HYPODERMIQUES

(71, 72) **PARKER, David, William** [GB/GB]; 4 Kimble Close, Greenmount, Bury BL8 4QQ (GB). **BURGESS, Colin, Hamilton** [GB/GB]; 45 Holcombe Lee, Ramsbottom, Bury BL0 9QR (GB).

(74) **READ, Matthew, Charles** et al. / etc.; Venner, Shipley & Co., 20 Little Britain, London EC1A 7DH (GB).

(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; 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] **A61M 15/00**

(11) **WO 00/18455** (13) A1

(21) PCT/EP99/07077

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 9820900.0 **26 Sep/sep 1998** GB **(26.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INHALATION DEVICE
• DISPOSITIF D'INHALATION

(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) **RAND, Paul, Kenneth** [GB/GB]; Glaxo Group Ltd., Park Road, Ware, Herts. SG12 0DP (GB).

(74) **PIKE, Christopher, Gerard**; Pike & Co., Hayes Loft, 68A Hayes Place, Marlow, Buckinghamshire SL7 2BT (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 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; 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] **A61M 15/00**

(11) **WO 00/18456** (13) A1

(21) PCT/EP99/07078

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 9820937.2 **26 Sep/sep 1998** GB **(26.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INHALATION DEVICE
• APPAREIL INHALATEUR

(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) **RAND, Paul, Kenneth** [GB/GB]; Glaxo Group Ltd., Park Road, Ware, Herts. SG12 0DP (GB). **ANDERSON, Gregor, John, McLennan** [GB/GB]; Glaxo Group Ltd., Park Road, Ware, Herts. SG12 0DP (GB).

(74) **PIKE, Christopher, Gerard**; Pike & Co., Hayes Loft, 68A Hayes Place, Marlow, Buckinghamshire SL7 2BT (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 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; 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] **A61M 15/00**

(11) **WO 00/18457** (13) A1

(21) PCT/EP99/07079

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 9820886.1 **26 Sep/sep 1998** GB **(26.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INHALATION DEVICE
• APPAREIL INHALATEUR

(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) **RAND, Paul, Kenneth** [GB/GB]; Glaxo Group Ltd., Park Road, Ware, Herts. SG12 0DP (GB).

(74) **PIKE, Christopher, Gerard**; Pike & Co., Hayes Loft, 68A Hayes Place, Marlow, Buckinghamshire SL7 2BT (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 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; 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] **A61M 15/00**

(11) **WO 00/18458** (13) A1

(21) PCT/EP99/07080

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 9820938.0 **26 Sep/sep 1998** GB **(26.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INHALATION DEVICE
• APPAREIL INHALATEUR

(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) **RAND, Paul, Kenneth** [GB/GB]; Glaxo Group Ltd., Park Road, Ware, Herts. SG12 0DP (GB). **ANDERSON, Gregor, John, McLennan** [GB/GB]; Glaxo Group Ltd., Park Road, Ware, Herts. SG12 ODP (GB).

(74) **PIKE, Christopher, Gerard**; Pike & Co., Hayes Loft, 68A Hayes Place, Marlow, Buchinghamshire SL7 2BT (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 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; 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)[6] **A61M 15/00, 16/10**

(11) **WO 00/18459** (13) A1

(21) PCT/US99/22833

(22) **1 Oct/oct 1999 (01.10.1999)**

(25) en (26) en

(30) 60/102,593 **1 Oct/oct 1998** US **(01.10.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MIXED–MODE LIQUID VENTILATION GAS AND HEAT EXCHANGE

- ECHANGE DE GAZ ET DE CHALEUR AU MOYEN D'UNE VENTILATION MIXTE PAR LIQUIDE

(71) **CRITICAL CARE RESEARCH, INC.** [US/US]; 10743 Civic Center Drive, Rancho Cucamonga, CA 91730 (US).

(72) **HARRIS, Steven, Bradley**; 10743 Civic Center Drive, Rancho Cucamonga, CA 91730 (US). **DARWIN, Michael, Gregory**; 4447 10th Street, Riverside, CA 92501 (US). **RUSSELL, Sandra, Renee**; 117–1/2 East El Morado Court, Ontario, CA 91764 (US).

(74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson & Bear, LLP, Sixteenth floor, 620 Newport Center Drive, Newport Beach, CA 92660 (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 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; 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] **A61M 16/00, A62B 7/00**

(11) **WO 00/18460** (13) A1

(21) PCT/US99/22512

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/164,410 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • OXIMETRY DEVICE AND OPEN OXYGEN DELIVERY SYSTEM
• DISPOSITIF D'OXYMETRIE ET SYSTEME DE DISTRIBUTION D'OXYGENE OUVERT

(63) US 09/164,410 (CON) 30 Sep/sep 1998 (30.09.1998)

(71, 72) **STEEN, Scot, Kenneth** [US/US]; 2254 Sierra Ladera, Bishop, CA 93514 (US).

(74) **SHARETTE, James, D.** et al. / etc.; Wells, St. John, Roberts, Gregory & Matkin P.S., Suite 1300, 601 West First Avenue, Spokane, WA 99201–3828 (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 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; 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)[6] **A61M 16/00**

(11) **WO 00/18461** (13) A1

(21) PCT/US99/22600

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/163,978 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PERILARYNGEAL ORAL AIRWAY
• VOIE AERIENNE ORALE PERILARYNGIENNE

(71, 72) **ALFERY, David, D.** [US/US]; 22 Wynstone, Nashville, TN 37215 (US).

(74) **SWANSON, Barry, J.** et al. / etc.; Swanson & Bratschun, L.L.C., Suite 200, 8400 E. Prentice Avenue, Englewood, CO 80111 (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 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; 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] **A61M 25/00**

(11) **WO 00/18462** (13) A2

(21) PCT/US99/22541

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/164,164 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TRANSTHORACIC DRUG DELIVERY DEVICE
• DISPOSITIF D'ALIMENTATION EN MEDICAMENT ADMINISTRE PAR VOIE TRANSTHORACIQUE

(71) **C.R. BARD, INC.** [US/US]; 730 Central Avenue, Murray Hill, NJ 07974 (US).

(72) **GAMBALE, Richard, A.**; 382 Dunstable Road, Tyngsboro, MA 01879 (US). **FORCUCCI, Stephen, J.**; 84 Hibbert Street, Arlington, MA 02174 (US). **CHOH, Richard, T.**; P.O. Box 1332, Waltham, MA 02154 (US). **CAFFERATA, Robert**; 55 Warwick Road, Belmont, MA 02478 (US).

(74) **PERULLO, John, F.**; Kirkpatrick & Lockhart LLP, 75 State Street, Boston, MA 02109–1808 (US).

(81) CA JP MX; 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] **A61M 25/01, A61B 8/12**

(11) **WO 00/18463** (13) A1

(21) PCT/IB99/01539

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 09/161,352 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IMAGING CORE LOADING TOOL
• OUTIL POUR CHARGER LE NOYAU D'UN DISPOSITIF D'IMAGERIE

(71) **BOSTON SCIENTIFIC LIMITED** [IE/BB]; The Financial Services Centre, P.O. Box 111, Bishop's Court Hill, St. Michael (BB).

(72) **WHITE, David, A.**; 3723 Greymount Drive, San Jose, CA 95136 (US). **LAMMERTS VAN BUEREN, Linda, H.**; 7231 Via Vico, San José, CA 95129 (US).

(74) **EVENS, Paul, Jonathan** et al. / etc.; Maguire Boss, 5 Crown Street, St. Ives, Cambridgeshire PE17 4EB (GB).

(81) CA JP; 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] **A61M 25/04, A61B 17/43**

(11) **WO 00/18464** (13) A1

(21) PCT/GB99/03202

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 9821008.1 **29 Sep/sep 1998** GB **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • UTERINE CATHETER
• CATHETER UTERIN

(71) **SMITHS INDUSTRIES PUBLIC LIMITED COMPANY** [GB/GB]; 765 Finchley Road, London NW11 8DS (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RIDOUT, Paul, Benjamin** [GB/GB]; 88 North Road, Hythe, Kent CT21 5DX (GB).

(74) **FLINT, Jonathan, McNeill**; 765 Finchley Road, London NW11 8DS (GB).

(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; 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] **A61M 25/06**

(11) **WO 00/18465** (13) A1

(21) PCT/US99/22449

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/164,072 **30 Sep/sep 1998 (30.09.1998)** US

(30) 09/252,298 **19 Feb/fév 1999 (19.02.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NEEDLE RETRACTION MECHANISM WITH CONSISTENT RETRACTION SPEED
• MECANISME D'ESCAMOTAGE D'AIGUILLE A VITESSE D'ESCAMOTAGE CONSTANTE

(71) **BECTON, DICKINSON AND COMPANY** [US/US]; 1 Becton Drive, Franklin Lakes, NJ 07417–1880 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRIMHALL, Greg, L.** [–/US]; 3838 Valley West Drive, West Jordan, UT 84088 (US). **MOULTON, William, G.** [US/US]; 3026 West 7050 South, West Jordan, UT 84084 (US). **QUICKEL, Gregory** [US/US]; 8675 Escalade Circle, Salt Lake City, UT 84121 (US).

(74) **LEE, Eric, M.**; Becton, Dickinson and Company, 1 Becton Drive, Franklin Lakes, NJ 07417–1880 (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; 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] **A61M 25/06**

(11) **WO 00/18466** (13) A1

(21) PCT/US99/22454

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/164,237 **30 Sep/sep 1998 (30.09.1998)** US

(30) 09/252,299 **19 Feb/fév 1999 (19.02.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NEEDLE RETRACTION MECHANISM WITH CONTROLLED RETRACTION SPEED
• MECANISME D'ESCAMOTAGE D'AIGUILLE A VITESSE D'ESCAMOTAGE REGULEE

(71) **BECTON DICKINSON AND COMPANY** [US/US]; 1 Becton Drive, Franklin Lakes, NJ 07417–1880 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOULTON, William, G.** [US/US]; 3026 West 7050 South, West Jordan, UT 80484 (US). **QUICKEL, Gregory** [US/US]; 8675 Escalade Circle, Salt Lake City, UT 84121 (US). **BRIMHALL, Greg, L.** [US/US]; 3838 Valley West Drive, West Jordan, UT 84088 (US).

(74) **LEE, Eric, M.**; Becton Dickinson and Company, 1 Becton Drive, Franklin Lakes, NJ 07417–1880 (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; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **A61M 29/00**

(11) **WO 00/18467** (13) A1

(21) PCT/US99/20883

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 09/160,384 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • REMOVABLE EMBOLUS BLOOD CLOT FILTER
• FILTRE AMOVIBLE POUR CAILLOTS DE SANG GENERATEURS D'EMBOLIE

(71) **NMT MEDICAL** [US/US]; 27 Wormwood Street, Boston, MA 02210 (US).

(72) **RAVENSCROFT, Adrian, C.**; 33 Buckingham Road, Milton, MA 02186 (US). **KLESHINSKI, Stephen, J.**; 599 County Way, Scituate, MA 02066 (US).

(74) **SIXBEY, Daniel, W.**; Sixbey, Friedman, Leedom & Ferguson, P.C., Suite 800, 8180 Greensboro Drive, McLean, VA 22102 (US).

(81) CA JP; 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] **A61M 37/00, A61K 41/00**

(11) **WO 00/18468** (13) A1

(21) PCT/US99/15443

(22) **8 Jul/juil 1999 (08.07.1999)**

(25) en (26) en

(30) 09/161,063 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD, DEVICE AND KIT FOR PERFORMING GENE THERAPY
• PROCEDE, DISPOSITIF ET NECESSAIRE POUR LA MISE EN OEUVRE D'UNE THERAPIE GENIQUE

(71) **EKOS CORPORATION** [US/US]; Suite 101, 22030 20th Avenue S.E., Bothell, WA 98021–4405 (US).

(72) **TACHIBANA, Katsuro**; 6–18, Kusagae 1–chome, Chuo–ku, Fukuoka–shi, Fukuoka 810 (JP). **HANSMANN, Douglas, R.**; 5008 Rockaway Beach Road N.E., Bainbridge Island, WA 98110 (US).

(74) **DAVIS, Paul**; Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304–1050 (US).

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

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(51)[6] **A61M 37/00**

(11) **WO 00/18469** (13) A1

(21) PCT/US99/22964

(22) **1 Oct/oct 1999 (01.10.1999)**

(25) en (26) en

(30) 60/102,636 **1 Oct/oct 1998 (01.10.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IMPROVED COMPONENT MIXING CATHETER
• CATHETER DE MELANGE DE COMPOSANTS

(71) **BIOSURGICAL CORPORATION** [US/US]; 5990 Stoneridge Drive, Pleasanton, CA 94588 (US).

(72) **EPSTEIN, Gordon, Howard**; 135 Kootenai Drive, Fremont, CA 94539 (US). **LEVINSON, Mitchell, E.**; 7924 Spyglass Court, Pleasanton, CA 94588 (US).

(74) **HANDAL, Anthony, H.**; Handal & Morofsky, 80 Washington Street, Norwalk, CT 06854 (US).

(81) AU CA JP; 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] **A61N 1/36**

(11) **WO 00/18470** (13) A1

(21) PCT/CN99/00151

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) zh (26) zh

(30) 98119015.4 **28 Sep/sep 1998 (28.09.1998)** CN

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A FAST BEDSIDE TEMPORARY PACEMAKER AND METHOD OF USING IT
• STIMULATEUR CARDIAQUE DE CHEVET, RAPIDE, TEMPORAIRE ET SON PROCEDE D'UTILISATION

(71, 72) **LIU, Kunshen** [CN/CN]; He Bei Provincial Hospital, Division of Cardiology, 348 West Peace Road, Shijiazhuang He Bei Province 050051 (CN).

(74) **BEIJING SANYOU PATENT AGENCY CO., LTD.**; 40 North Sanhuanzhonglu Road, Beijing 100088 (CN).

(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; 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)[6] **A61N 5/00**

(11) **WO 00/18471** (13) A1

(21) PCT/US98/20576

(22) **28 Sep/sep 1998 (28.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ALERTNESS AND DROWSINESS DETECTION AND TRACKING SYSTEM
• SYSTEME DE DETECTION ET DE SUIVI DE LA VIVACITE D'ESPRIT ET DE LA SOMNOLENCE

(71) **CONSOLIDATED RESEARCH OF RICHMOND, INC.** [US/US]; 440 Richmond Park East, Suite 309C, Richmond Heights, OH 44132 (US).

(72) **KAPLAN, Frederic, Richard**; 440 Richmond Park East, Suite 309C, Richmond Heights, OH 44143 (US). **LOPARO, Kenneth, Alan**; 12310 Caves Road, Chesterland, OH 44026 (US).

(74) **SUFRIN, Barry, W.**; Laff, Whitesel, Conte & Saret, Ltd., Suite 1700, 401 North Michigan, Chicago, IL 60611 (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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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)[6] **A63B 22/02**

(11) **WO 00/18472** (13) A1

(21) PCT/US99/15483

(22) **8 Jul/juil 1999 (08.07.1999)**

(25) en (26) en

(30) 09/160947 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TREADMILL WITH ADJUSTABLE CUSHIONING MEMBERS
• TAPIS ROULANTS A ELEMENTS AMORTISSEURS REGLABLES

(71) **ICON HEALTH & FITNESS, INC.** [US/US]; 1500 South 1000 West, Logan, UT 84321 (US).

(72) **DALEBOUT, William, T.**; 1770 East 1730 North, Logan, UT 84321 (US). **ODELL, Daniel, L.**; 224 East 500 North No. 1, Logan, UT 84321 (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) BR CA CN; 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] **A63B 23/04**

(11) **WO 00/18473** (13) A1

(21) PCT/US99/22539

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/162,607 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • RECUMBENT TOTAL BODY EXERCISER
• APPAREIL COUCHE D'EXERCICES PHYSIQUES COMPLETS

(71) **NUSTEP, INC.** [US/US]; Suite 1, 5111 Venture Drive, Ann Arbor, MI 48108 (US).

(72) **HILDEBRANDT, Mark, D.**; 2225 Green Valley Court, Ann Arbor, MI 48103 (US). **SUTTON, Todd, A.**; 2176 Timberview, Grand Rapids, MI 49525 (US). **SARNS, Steve, W.**; 16438 Surrey Street, Livonia, MI 48154 (US).

(74) **OBERHOLTZER, Steven, L.** et al. / etc.; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (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 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; 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)[6] **A63B 37/06, 37/12**

(11) **WO 00/18474** (13) A1

(21) PCT/US99/20560

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) en (26) en

(30) 09/161,223 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • GOLF BALL
• BALLE DE GOLF

(71) **ACUSHNET COMPANY** [US/US]; 333 Bridge Street, Fairhaven, MA 02719 (US).

(72) **DALTON, Jeffrey, L.**; 14 Sleepy Hollow Road, North Dartmouth, MA 02747 (US). **CAVALLARO, Chistopher**; 1140 Pleasant Street, Canton, MA 02021 (US). **RAJAGOPALAN, Murali**; 11 Flagship Drive, South Dartmouth, MA 02748 (US).

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

(81) AU CA GB JP NZ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **A63B 37/06, 37/00**

(11) **WO 00/18475** (13) A1

(21) PCT/US99/20593

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) en (26) en

(30) 09/160,101 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DUAL CORE GOLF BALL COMPOSITIONS
• COMPOSITIONS POUR BALLE DE GOLF A DOUBLE NOYAU

(71) **ACUSHNET COMPANY** [US/US]; 333 Bridge Street, Fairhaven, MA 02719 (US).

(72) **DALTON, Jeffrey, L.**; 14 Sleepy Hollow Road, North Dartmouth, MA 02747 (US). **HARRIS, Kevin, M.**; 65 Ryan Street, New Bedford, MA 02740 (US). **BISSONNETTE, Laurent, C.**; 160 Sea Meadow Drive, Portsmouth, RI 02871 (US). **LADD, Derek, A.**; 240 Phillips Avenue, New Bedford, MA 02745 (US). **GOSETTI, Steven, M.**; 118 Harold Street, Providence, RI 02908 (US). **PASQUA, Samuel, A., Jr.**; Unit D–7 447 Stafford Road, Tiverton, RI 02878 (US).

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

(81) AU CA GB JP NZ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)[7] **A63B 53/02**

(11) **WO 00/18476** (13) A1

(21) PCT/SE99/01654

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 9803275–8 **25 Sep/sep 1998 (25.09.1998)** SE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • GOLF PUTTER
• CLUB DE GOLF DE TYPE PUTTER

(71) **LEIF SUNDBERG AKTIEBOLAG** [SE/SE]; Bokliden 25, S–667 33 Forshaga (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUNDBERG, Leif** [SE/SE]; Bokliden 25, S–667 33 Forshaga (SE).

(74) **KYLIN, Peter** et al. / etc.; Hynell Patenttjänst AB, Patron Carls väg 2, S–683 40 Hagfors/Uddeholm (SE).

(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 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; 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)[6] **A63B 53/14**

(11) **WO 00/18477** (13) A1

(21) PCT/JP98/05832

(22) **21 Dec/déc 1998 (21.12.1998)**

(25) ja (26) ja

(30) 10/278322 **30 Sep/sep 1998 (30.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DISPLAY UNIT FOR GOLF CLUBS
• UNITE D'AFFICHAGE POUR CLUBS DE GOLF

(71) **KABUSHIKI KAISHA WEST KOKI** [JP/JP]; 1101, Shobuike, Nagakute–cho, Aichi–gun, Aichi 480–1115 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NISHI, Hisashi** [JP/JP]; 1101, Shobuike, Nagakute–cho, Aichi–gun, Aichi 480–1115 (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) AU KR US; 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] **A63B 57/00**

(11) **WO 00/18478** (13) A1

(21) PCT/IB99/01572

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 98/7668 **25 Sep/sep 1998 (25.09.1998)** ZA

(30) 98/9768 **27 Oct/oct 1998 (27.10.1998)** ZA

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BALL MARKER
• MARQUEUR DE BALLE

(71) **LONG, Robin, Michael** [ZA/ZA]; 12 Athol Rowan Way, 2007 Bedfordview (ZA).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **KHOURIE, Martin** [ZA/ZA]; 13 Lucas Road, Eastleigh, 1609 Edenvale (ZA).

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

(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 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; 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 69/00, 63/00**

(11) **WO 00/18479** (13) A1

(21) PCT/GB99/02976

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 9820779.8 **25 Sep/sep 1998 (25.09.1998)** GB

(30) 9826048.2 **28 Nov/nov 1998 (28.11.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SPORTS TRAINING AID
• DISPOSITIF D'AIDE A L'APPRENTISSAGE DES SPORTS

(71, 72) **HAY, Alan** [GB/GB]; 3 Allathan Park, Pitmedden, Ellon, Aberdeenshire AB41 7PX (GB).

(74) **KENNEDY & CO.**; Floor 4, Queens House, 29 St Vincent Place, Glasgow G1 2DT (GB).

(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; 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)[6] **A63B 69/36**

(11) **WO 00/18480** (13) A1

(21) PCT/AP98/00001

(22) **28 Sep/sep 1998 (28.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A GOLF COURSE
• TERRAIN DE GOLF

(71) **DE BEER, Barend, Daniel** [ZA/ZA]; 53 Stormberg Street, Vaalpark, Sasolburg, Free State Province (ZA). **CHENGETA, Cuthbert** [ZW/ZW]; Throgmorton House, P.O. Box 85, Harare (ZW).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **RADLEY, Lodewyk, Christoffel** [ZA/ZA]; 57 Krige Street, Vaalpark, Sasolburg, Free State Province (ZA). **RADLEY, Martiens** [ZA/ZA]; 4 Korannaberg, Vaalpark, Sasolburg, Free State Province (ZA). **RADLEY, Lodewiekes** [ZA/ZA]; 24 Karaslaan, Vaalpark, Sasolburg, Free State Province (ZA).

(74) **HONEY & BLANCKENBERG**; Throgmorton House, P.O. Box 85, Harare (ZW).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU (Petty patent) 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 EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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] **A63F 9/08**

(11) **WO 00/18481** (13) A1

(21) PCT/SK99/00015

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) en (26) en

(30) PV 1353–98 **29 Sep/sep 1998 (29.09.1998)** SK

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MULTICOLOUR PRISMATIC PUZZLE
• PUZZLE PRISMATIQUE MULTICOLORE

(71, 72) **SOLÁRIKOVÁ, Ingrid** [SK/SK]; Idamska 4, 040 11 Košice (SK).

(74) **BELESCAK, Ladislav–Slovpat**; Námestie Slobody c.6, P.O. Box A 24, 921 01 Piestany (SK).

(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; 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**

(11) **WO 00/18482** (13) A2

(21) PCT/US99/22164

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/102,252 **29 Sep/sep 1998 (29.09.1998)** US

(30) 09/400,211 **21 Sep/sep 1999 (21.09.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FLUID FILTER AND METHODS FOR MAKING SAME
• FILTRE POUR FLUIDES ET PROCEDE DE FABRICATION ASSOCIE

(71) **COBE LABORATORIES, INC.** [US/US]; Patent Department, 1201 Oak Street, Lakewood, CO 80215 (US).

(72) **FREY, Helmut**; 2817 Starling Drive, Williamsburg, VA 23185 (US).

(74) **SCULL, Peter, B.**; Patent Department, 1201 Oak Street, Lakewood, CO 80215 (US).

(81) CA JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **B01D 1/00, B04C 9/00**

(11) **WO 00/18483** (13) A1

(21) PCT/AU99/00836

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) PP 6242 **30 Sep/sep 1998 (30.09.1998)** AU

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CYCLONIC EVAPORATOR
• EVAPORATEUR CYCLONIQUE

(71) **ALCOS TECHNOLOGIES PTY. LTD.** [AU/AU]; Tok H Corporate Centre, Level 1, 459 Toorak Road, Toorak, Victoria 3142 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CLARKE, Neville** [AU/AU]; Unit 4, 1 Reserve Street, Berwick, Victoria 3806 (AU). **WOODLEY, Paul, Stair** [GB/AU]; 8 Meeking Drive, Pakenham, Victoria 3810 (AU).

(74) **GRIFFITH HACK**; 509 St Kilda Road, Melbourne, Victoria 3004 (AU).

(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 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; 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)[6] **B01D 17/00, 19/04, B01F 17/16, C08F 2/16**

(11) **WO 00/18484** (13) A1

(21) PCT/US99/22443

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/162,683 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FOAM CONTROL AGENT FOR PAINTS AND COATINGS
• AGENT DE REGULATION DU MOUSSAGE POUR PEINTURES ET REVETEMENTS

(71) **ASHLAND INC.** [US/US]; P.O. Box 2219, Columbus, OH 43216 (US).

(72) **TAMBURRINO, Jeffrey, T.**; 302 Spruce Street, Boonton, NJ 07005 (US). **ROMANO, Andrew, A.**; 55 Pinkneyville Road, Sparta, NJ 07871 (US).

(74) **HEDDEN, David, L.**; Ashland Inc., P.O. Box 2219, Columbus, OH 43216 (US) et al. / etc.

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; 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)[6] **B01D 21/02**

(11) **WO 00/18485** (13) A1

(21) PCT/US99/22679

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,586 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TORTUOUS PATH FILTER
• FILTRE A CIRCONVOLUTIONS

(71) **CLARUS TECHNOLOGIES CORP.** [US/US]; Suite A, 2015 Alpine Way, Bellingham, WA 98226 (US).

(72) **KOREIS, Joseph**; 755 Sudden Valley, Bellingham, WA 98226 (US). **KOREIS, Monte**; 2621 Harbor Loop #9, Bellingham, WA 98225 (US). **THOMAS, Karl**; 613 Donovan Avenue, Bellingham, WA 98226 (US).

(74) **DWYER, Patrick, M.**; Patrick M. Dwyer PC, 1919 One Union Square, 600 University Street, Seattle, WA 98101 (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; 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 : *(c)*

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(51)[6] **B01D 25/02, 29/21, 29/33, 29/52, 39/18**

(11) **WO 00/18486** (13) A1

(21) PCT/US99/17660

(22) **4 Aug/août 1999 (04.08.1999)**

(25) en (26) en

(30) 09/163,654 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BAGHOUSE, LONG FILTER ASSEMBLY AND METHOD OF INSTALLATION
• FILTRE A MANCHES, ENSEMBLE FILTRE LONG ET PROCEDE D'INSTALLATION

(71) **BHA GROUP HOLDINGS, INC.** [US/US]; 8800 East 63rd Street, Kansas City, MO 64133–4883 (US).

(72) **CLEMENTS, Jack, Thomas**; 113 NE Cove Drive, Lee's Summit, MO 64064 (US). **MAHONEY, Ronald, LaWayne**; 4809 Broadmoor Street #41, Mission, KS 66202 (US). **DOEHLA, James, Roy**; 7023 Gladstone Avenue, Shawnee Mission, KS 66218 (US).

(74) **ROLF, Devon, A.** et al. / etc.; Shook, Hardy & Bacon L.L.P., One Kansas City Place, 1200 Main Street, Kansas City, MO 64105–2118 (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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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)[6] **B01D 35/143**

(11) **WO 00/18487** (13) A1

(21) PCT/US99/22631

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/163,419 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FILTRATION DEVICE AND AN INDICATING APPARATUS AND METHOD FOR A FILTRATION DEVICE
• DISPOSITIF DE FILTRATION, APPAREIL INDICATEUR ET PROCEDE D'INDICATION CORRESPONDANT POUR CE DISPOSITIF

(71) **DRESSER EQUIPMENT GROUP, INC.** [US/US]; 2601 Beltline Road, Carrollton, TX 75006 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OSTROWSKI, Glenn, Allan** [US/US]; Apt. 11, 712 College Lane, Salisbury, MD 21804 (US).

(74) **KICE, Warren, B.** et al. / etc.; Haynes and Boone, Suite 3100, 901 Main Street, Dallas, TX 75202 (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 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; 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 38/12**

(11) **WO 00/18488** (13) A1

(21) PCT/FI99/00798

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 982113 **30 Sep/sep 1998** FI **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CONTINUOUS–ACTION FILTERING METHOD AND APPARATUS
• FILTRAGE AGISSANT EN CONTINU ET APPAREIL A CET EFFET

(71) **PARKER HANNIFIN OY** [FI/FI]; Salmentie 260, FIN–31700 Urjala As. (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOIVULA, Tuomo** [FI/FI]; Finninmäenkatu 4 N 129, FIN–33710 Tampere (FI).

(74) **BERGGREN OY AB**; P.O. Box 16, FIN–00101 Helsinki (FI).

(81) CA JP KR US; 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] **B01D 46/52, 29/01**

(11) **WO 00/18489** (13) A1

(21) PCT/DE99/03016

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) de (26) de

(30) 198 44 874.0 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PLATE FILTER ELEMENT FOR AN AIR FILTER
• ELEMENT DE FILTRE A PLAQUES

(71) **MAHLE FILTERSYSTEME GMBH** [DE/DE]; Pragstrasse 54, D–70376 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHNEIDER, Horst** [DE/DE]; Bangertstrasse 50, D–71336 Waiblingen (DE). **WAIBEL, Hans** [DE/DE]; Kocherstrasse 4, D–71686 Remseck (DE).

(74) **BERNHARD, Uwe**; Patentanwalts–Partnerschaft Rotermund + Pfusch, Waiblinger Strasse 11, D–70372 Stuttgart (DE).

(81) JP MX US; 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] **B01D 50/00**

(11) **WO 00/18490** (13) A1

(21) PCT/EP99/07167

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) de (26) de

(30) 198 44 441.9 **28 Sep/sep 1998** DE **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE AND METHOD FOR REMOVING PARTICLES FROM A FLUID
• PROCEDE ET DISPOSITIF POUR ENLEVER DES PARTICULES CONTENUES DANS UN FLUIDE

(71) **LUNDIN FILTER GMBH** [DE/DE]; Barbyer Strasse 13, D–39218 Schönebeck (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **REVERCHON, Günther, Alexander** [DE/DE]; Wüstenhoffstrasse 20, D–39218 Schönebeck (DE).

(74) **TOMERIUS, Isabel** et al. / etc.; Weber & Heim, Irmgardstrasse 3, D–81479 München (DE).

(81) BR CN US; 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] **B01D 53/00, 53/56**

(11) **WO 00/18491** (13) A1

(21) PCT/US99/22386

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 09/164,304 **1 Oct/oct 1998** US **(01.10.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FLUID–COOLED INJECTOR
• INJECTEUR REFROIDI PAR FLUIDE

(63) US 09/164,304 (CON) 1 Oct/oct 1998 (01.10.1998)

(71) **AMBAC INTERNATIONAL** [US/US]; 103 Myron Street, West Springfield, MA 01089 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CZARNIK, Richard, J.** [US/US]; 109 Holyoke Street, Easthampton, MA 01027 (US). **DICARLO, Jeffrey, P.** [US/US]; 80 Hillview Road, Holyoke, MA 01040 (US). **KNAPPER, Curtis, J.** [US/US]; 8 Shore Drive, New Fairfield, CT 06812 (US). **SIMARD, Thomas, C.** [US/US]; 199 Brookfield Lane, Agawam, MA 01027 (US). **TARABULSKI, Theodore, J.** [US/US]; 138 Oldmill Road, Brewster, NY 10509 (US).

(74) **CHIONCHIO, John, A.**; Synnestvedt & Lechner LLP, 2600 Aramark Tower, 1101 Market Street, Philadelphia, PA 19107–2950 (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 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; 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 53/14**

(11) **WO 00/18492** (13) A1

(21) PCT/US99/20174

(22) **2 Sep/sep 1999 (02.09.1999)**

(25) en (26) en

(30) 09/164,140 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • COMPOSITION AND PROCESS FOR REMOVAL OF ACID GASES
• PROCEDE D'EXTRACTION DE GAZ ACIDES ET COMPOSITION A CET EFFET –

(71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).

(72) **ROONEY, Peter, C.**; 62 South Calla Lily Court, Lake Jackson, TX 77566 (US).

(74) **KARADZIC, Dragan, J.**; The Dow Chemical Company, Patent Dept., B–1211, 2301 Brazosport Boulevard, Freeport, TX 77541 (US).

(81) AU BR CA CN ID JP KR MX NO SG UZ ZA; EA (AM AZ BY KG 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] **B01D 53/14**

(11) **WO 00/18493** (13) A1

(21) PCT/US99/20256

(22) **2 Sep/sep 1999 (02.09.1999)**

(25) en (26) en

(30) 09/163,824 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • COMPOSITION AND PROCESS FOR REMOVAL OF ACID GASES
• PROCEDE D'EXTRACTION DE GAZ ACIDES ET COMPOSITION A CET EFFET

(71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).

(72) **ROONEY, Peter, C.**; 62 South Callalily Court, Lake Jackson, TX 77566 (US).

(74) **KARADZIC, Dragan, J.**; Patent Dept., B–1211, 2301 N. Brazosport Boulevard, Freeport, TX 77541 (US).

(81) AU BR CA CN ID JP KR MG MX NO SG UZ ZA; EA (AM AZ BY KG 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] **B01D 53/32, 53/94, 53/86, F01N 3/08**

(11) **WO 00/18494** (13) A1

(21) PCT/US99/22834

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/164,874 **1 Oct/oct 1998** US **(01.10.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CATALYTIC PLASMA REDUCTION OF NO_x
• REDUCTION CATALYTIQUE AU PLASMA DE NO_x

(71) **BATTELLE MEMORIAL INSTITUTE** [US/US]; Pacific Northwest Division, Intellectual Property Services, P.O. Box 999, Richland, WA 99352 (US).

(72) **BALMER, Mari, Lou**; 89510 N. Harrington Road, West Richland, WA 99353 (US). **KIM, Anthony, Y.**; 8220 41st Avenue N.E., Seattle, WA 98115 (US). **TONKYN, Russell, G.**; 1314 N. Cleveland, Kennewick, WA 99336 (US). **BARLOW, Stephan, E.**; 1922 Hoxie, Richland, WA 99352 (US). **ORLANDO, Thomas, M.**; 7216–B Yellowstone Avenue, Kennewick, WA 99336 (US).

(74) **MAY, Steve, R.**; Battelle Memorial Institute, Pacific Northwest Division, Intellectual Property Services, P.O. Box 999, MSIN: K1–53, Richland, WA 99352 (US).

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

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(51)[6] **B01D 53/86**

(11) **WO 00/18495** (13) A1

(21) PCT/JP99/02984

(22) **3 Jun/juin 1999 (03.06.1999)**

(25) ja (26) ja

(30) 10/288721 **25 Sep/sep 1998** JP **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND DEVICE FOR DETOXIFYING AND DEODORIZING STERILIZING GAS
• PROCEDE ET DISPOSITIF DE DETOXIFICATION ET DE DESODORISATION DE GAZ DE STERILISATION

(71) **PALZER CORPORATION** [JP/JP]; 16–1, Mori Aza Kawabata, Kumiyama–cho, Kuze–gun, Kyoto 613–0024 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIRIHARA, Chikao** [JP/JP]; Room 306, Momoyama Praza, 2–1, Nabeshima, Momoyama–cho, Fushimi–ku, Kyoto–shi, Kyoto 612–8037 (JP). **ONO, Takanori** [JP/JP]; 16–39, Koaza Higashiueyama, Ooaza Neda, Ujitawara–cho, Tsuzuki–gun, Kyoto 610–0253 (JP). **NOGAMI, Mamoru** [JP/JP]; 642, Shimonaka–cho, Fushimi–ku, Kyoto–shi, Kyoto 612–8216 (JP).

(74) **INUKAI, Shinpei**; Hayashi Bunkacenter Building 20B, 18–13, Otokoyama–izumi, Yawata–shi, Kyoto 614–8366 (JP).

(81) CA CN KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **B01D 59/44, H01J 49/00**

(11) **WO 00/18496** (13) A1

(21) PCT/US99/22275

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/101,852 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TANDEM TIME–OF–FLIGHT MASS SPECTROMETER
• SPECTROMETRE DE MASSE TEMPS DE VOL FONCTIONNANT EN MODE TANDEM

(71) **THE STATE OF OREGON acting by and through THE STATE BOARD OF HIGHER EDUCATION on behalf of OREGON STATE UNIVERSITY** [US/US]; Corvallis, OR 97331–2140 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAROFSKY, Douglas, E.** [US/US]; 6878 N.W. Grandview Drive, Corvallis, OR 97330 (US). **HAKANSSON, Per** [SE/SE]; Geijersgatan 64, S–752 31 Uppsala (SE). **KATZ, Daniel, L.** [US/US]; P.O. Box 1012, McMinnville, OR 97128 (US). **PIYADASA, C., K., Gamini** [LK/LK]; Anoma Polpitimukalana, Kandana (LK).

(74) **SLATER, Stacey, C.**; Klarquist, Sparkman, Campbell, Leigh & Whinston, LLP, One World Trade Center, Suite 1600, 121 S.W. Salmon Street, Portland, OR 97204 (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 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; 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 61/14, 61/22, A23L 2/74**

(11) **WO 00/18497** (13) A1

(21) PCT/EP99/06424

(22) **31 Aug/août 1999 (31.08.1999)**

(25) en (26) en

(30) 9820935.6 **25 Sep/sep 1998** GB **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FILTRATION SYSTEMS AND METHODS
• DISPOSITIFS ET METHODES DE FILTRATION

(71) **PALL CORPORATION** [US/US]; 2200 Northern Boulevard, East Hills, NY 11548 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SLEGERS, John** [NL/NL]; Johan Marijneneboog 36, NL–4827 HH Breda (NL).

(74) **KNOTT, Stephen, Gilbert**; Mathisen, Macara & Co., The Coach House, 6–8 Swakeleys Road, Ickenham, Uxbridge, Middlesex UB10 8BZ (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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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)[6] **B01D 65/08, 65/02, 63/04**

(11) **WO 00/18498** (13) A1

(21) PCT/AU99/00817

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) PP 6217 **25 Sep/sep 1998 (25.09.1998)** AU

(30) PP 6218 **25 Sep/sep 1998 (25.09.1998)** AU

(30) PQ 1112 **21 Jun/juin 1999 (21.06.1999)** AU

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • APPARATUS AND METHOD FOR CLEANING MEMBRANE FILTRATION MODULES
• APPAREIL ET PROCEDE POUR LE NETTOYAGE DE MODULES DE FILTRATION SUR MEMBRANES

(71) **USF FILTRATION AND SEPARATIONS GROUP INC.** [US/US]; 2118 Greenspring Drive, Timonium, MD 21093 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZHA, Fufang** [AU/AU]; 7 Howe Street, Westmead, NSW 2145 (AU). **JORDAN, Edward, John** [US/US]; 14005 Flint, Overland Park, KS 66221 (US).

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

(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 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; 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 3/04, A47G 23/02**

(11) **WO 00/18499** (13) A1

(21) PCT/GB99/03049

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 9821097.4 **30 Sep/sep 1998 (30.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LIQUID DECANTING AND/OR AERATING DEVICE
• DISPOSITIF D'AERATION ET/OU DE DECANTATION D'UN LIQUIDE

(71, 72) **WEATHERILL, Neil, Kenneth** [GB/GB]; 26 Melbourne Road, Leyton, London E10 7HF (GB).

(74) **BAILEY WALSH & CO**; 5 York Place, Leeds LS1 2SD (GB).

(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 TZ UA UG US UZ VN YU ZA ZW; 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)[6] **B01F 9/10, A01C 1/06, A23B 9/14**

(11) **WO 00/18500** (13) A1

(21) PCT/DE98/02843

(22) **24 Sep/sep 1998 (24.09.1998)**

(25) de (26) de

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE FOR PRODUCING A POURABLE PRODUCT AND A METHOD FOR USING SAID DEVICE
• DISPOSITIF POUR PRODUIRE UN PRODUIT DEVERSABLE ET PROCEDES POUR L'UTILISATION DUDIT DISPOSITIF

(71) **GLATT SYSTEMTECHNIK DRESDEN GMBH** [DE/DE]; Grunaer Weg 26, D–01277 Dresden (DE). **KWS KLEIN-WANZLEBENER SAATZUCHT AG vorm. RABBETHGE & GIESECKE** [DE/DE]; Grimsehlstrasse 31, D–37574 Einbeck (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRETSCHNEIDER, Frank** [DE/DE]; An den Folgen 15, D–01465 Liegau–Augustusbad (DE). **PETER, Bruno** [DE/DE]; Bachstrasse 16, D–37574 Einbeck (DE). **BRÜCKNER, Jürgen** [DE/DE]; Brentanostrasse 12, D–01157 Dresden (DE).

(74) **PÄTZELT, Peter**; Pätzelt & Seltmann, Ammonstrasse 72, D–01067 Dresden (DE) et al. / etc.

(81) JP US; 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] **B01J 2/04, 2/18**

(11) **WO 00/18501** (13) A1

(21) PCT/EP99/07240

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) de (26) de

(30) 198 45 126.1 **30 Sep/sep 1998 (30.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR FORMING DROPS
• PROCEDE POUR FORMER DES GOUTTES

(71) **MARCO SYSTEMANALYSE UND ENTWICKLUNG GMBH** [DE/DE]; Hans–Böckler–Strasse 2, D–85221 Dachau (DE). **MEDSYM ÄRZTESERVICE–INFORMATIONS– UND VERANSTALTUNGSDIENST GMBH** [DE/DE]; Gutenbergstrasse 3, D–82178 Puchheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **REUTER, Martin** [DE/DE]; Gröbenriederstrasse 12, D–85221 Dachau (DE).

(74) **MANITZ, FINSTERWALD & PARTNER GBR**; Postfach 22 16 11, D–80506 München (DE).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU (Petty patent) 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 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; 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)[6] **B01J 13/02, A23L 1/24**

(11) **WO 00/18502** (13) A1

(21) PCT/US99/22029

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 60/101,691 **25 Sep/sep 1998 (25.09.1998)** US

(30) 60/135,600 **24 May/mai 1999 (24.05.1999)** US

(30) 09/398,627 **17 Sep/sep 1999 (17.09.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • RAPIDLY PEPTIZABLE MICROCRYSTALLINE CELLULOSE–BASED STABILIZING AGENTS
• AGENTS DE STABILISATION A BASE DE CELLULOSE MICROCRISTALLINE A PEPTISATION RAPIDE

(71) **FMC CORPORATION** [US/US]; 1735 Market Street, Philadelphia, PA 19103 (US).

(72) **TUASON, Domingo, C.**; 3607 Sunny Lea Road, Bensalem, PA 19020 (US). **SELINGER, Edward**; 329 Flint Road, Langhorne, PA 19047 (US). **KRAWCZYK, Gregory, R.**; 8 Colonial Avenue, Princeton Junction, NJ 08550 (US). **SEWALL, Christopher**; 15 Jones Hill Road, Hope, ME 04847 (US). **HOGAN, Daniel, T.**; 20 Fairway Drive, Yardley, PA 19067 (US).

(74) **ANDERSEN, Robert, L.**; Ratner & Prestia, 301 One Westlakes (Berwyn), P.O. Box 980, Valley Forge, PA 19482–0980 (US) et al. / etc.

(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 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; 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] **B01J 19/00**

(11) **WO 00/18503** (13) A2

(21) PCT/GB99/03200

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 9820893.7 **26 Sep/sep 1998** GB **(26.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • COMBINATORIAL SYNTHESISER
• DISPOSITIF DE SYNTHESE COMBINATOIRE

(71, 72) **HAMILL, Brendan, James** [GB/GB]; Wester Tillyrie House, Milnathort, Kinross–Shire KY13 0RW (GB).

(74) **POWELL, Timothy, J.**; Eric Potter Clarkson, Park View House, 58 The Ropewalk, Nottingham NG1 5DD (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 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; 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] **B01J 35/02, C03C 17/34**

(11) **WO 00/18504** (13) A1

(21) PCT/JP99/05304

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) ja (26) ja

(30) 10/279058 **30 Sep/sep 1998** JP **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PHOTOCATALYST ARTICLE, ARTICLE PREVENTED FROM FOGGING AND FOULING, AND PROCESS FOR PRODUCING ARTICLE PREVENTED FROM FOGGING AND FOULING
• ARTICLE PHOTOCATALYSEUR, ARTICLE PROTEGE CONTRE L'ENCRASSEMENT ET LE VOILEMENT, ET PROCEDE DE PRODUCTION D'UN ARTICLE PROTEGE CONTRE L'ENCRASSEMENT ET LE VOILEMENT

(71) **NIPPON SHEET GLASS CO., LTD.** [JP/JP]; 5–11, Doshomachi 3–chome, Chuo–ku, Osaka 541–0045 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DOUSHITA, Kazuhiro** [JP/JP]; Nippon Sheet Glass Co., Ltd., 5–11, Doshomachi 3–chome, Chuo–ku, Osaka–shi, Osaka 541–0045 (JP). **INOMATA, Hiroyuki** [JP/JP]; Nippon Sheet Glass Co., Ltd., 5–11, Doshomachi 3–chome, Chuo–ku, Osaka–shi, Osaka 541–0045 (JP).

(74) **MATSUNAGA, Takayoshi**; Takaai Building, 15–2, Nihonbashi 3–chome, Chuo–ku, Tokyo 103–0027 (JP).

(81) JP KR US; EP (DE FR GB IT).

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(51)[7] **B01J 35/10, 23/88, 38/12, 23/94, C10G 45/08**

(11) **WO 00/18505** (13) A1

(21) PCT/JP99/05283

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) ja (26) ja

(30) 10/277503 **30 Sep/sep 1998** JP **(30.09.1998)**

(30) 10/284085 **6 Oct/oct 1998** JP **(06.10.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • REGENERATED HYDROGENATION CATALYST AND METHODS OF HYDROGENATING HEAVY OIL
• CATALYSEUR D'HYDROGENATION REGENERE ET PROCEDES D'HYDROGENATION DE PETROLE LOURD

(71) **IDEMITSU KOSAN CO., LTD.** [JP/JP]; 1–1, Marunouchi 3–chome, Chiyoda–ku, Tokyo 100–0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NOZAKI, Takao** [JP/JP]; 1280, Kamiizumi, Sodegaura–shi, Chiba 299–0293 (JP). **IWAMOTO, Ryuichiro** [JP/JP]; 1280, Kamiizumi, Sodegaura–shi, Chiba–ken 299–0293 (JP). **UCHIKAWA, Kei** [JP/JP]; 1280, Kamiizumi, Sodegaura–shi, Chiba 299–0293 (JP).

(74) **TOHEI, Masamichi**; Idemitsu Kosan Co., Ltd., 24–4, Anesakikaigan, Ichihara–shi, Chiba 299–0107 (JP).

(81) KR US; 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] **B01J 37/00, 37/08, B01D 53/94**

(11) **WO 00/18506** (13) A1

(21) PCT/DE99/02941

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) de (26) de

(30) 198 44 758.2 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR PRODUCING A CATALYST BODY
• PROCEDE DE PRODUCTION D'UN CORPS DE POT CATALYTIQUE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NEUFERT, Ronald** [DE/DE]; Alfred–Schefczik–Str. 3, D–96247 Michelau (DE). **WITZEL, Frank** [DE/DE]; Konrad–Adenauer–Str. 16, D–96215 Lichtenfels (DE). **FISCHER, Stefan** [DE/DE]; Schlesierstr. 30, D–96215 Lichtenfels (DE). **PAJONK, Günther** [DE/DE]; Hellerwiese 7, D–96199 Zapfendorf (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[7] **B01J 37/00, 35/00**

(11) **WO 00/18507** (13) A1

(21) PCT/US99/21911

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) en (26) en

(30) 09/163,680 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS FOR MANUFACTURE AND USE OF IMPROVED ATTRITION RESISTANT CATALYST
• PROCEDE DE FABRICATION ET D'UTILISATION D'UN CATALYSEUR AMELIORE RESISTANT A L'ABRASION

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) **CONTRACTOR, Rashmikant, Maganlal**; 2302 Orchard Lane, Ardentown, DE 19810 (US). **LETTS, William, Joseph**; 20 White Oak Road, Wilmington, DE 19809 (US).

(74) **STEVENSON, Robert, B.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

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

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(51)[7] **B01J 38/12, 38/48, 38/60, 23/94, C10G 45/04**

(11) **WO 00/18508** (13) A1

(21) PCT/JP99/05282

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) ja (26) ja

(30) 10/275079 **29 Sep/sep 1998 (29.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD OF REGENERATING HYDROGENATION CATALYST
• PROCEDE DE REGENERATION D'UN CATALYSEUR D'HYDROGENATION

(71) **IDEMITSU KOSAN CO., LTD.** [JP/JP]; 1–1, Marunouchi 3–chome, Chiyoda–ku, Tokyo 100–0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IWAMOTO, Ryuichiro** [JP/JP]; 1280, Kamiizumi, Sodegaura–shi, Chiba 299–0293 (JP). **NOZAKI, Takao** [JP/JP]; 1280, Kamiizumi, Sodegaura–shi, Chiba 299–0293 (JP).

(74) **TOHEI, Masamichi**; Idemitsu Kosan Co., Ltd., 24–4, Anesakikaigan, Ichihara–shi, Chiba 299–0107 (JP).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **B02C 13/14, 13/284**

(11) **WO 00/18509** (13) A1

(21) PCT/CH98/00408

(22) **24 Sep/sep 1998 (24.09.1998)**

(25) de (26) de

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • VERTICAL ROTOR MILL
• BROYEUR A ROTOR VERTICAL

(71) **BÜHLER AG** [CH/CH]; CH–9240 Uzwil (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KRAEMER, Guido** [CH/CH]; Döbelistrasse 32, CH–9526 Zuckenriet (CH). **JUD, Laszlo** [CH/CH]; Kehlhofstrasse 21, CH–8572 Berg (CH).

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

(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 RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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)[6] **B02C 17/16**

(11) **WO 00/18510** (13) A1

(21) PCT/US99/22558

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/162,585 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MULTI–BARREL MEDIA MILL AND METHODS OF GRINDING
• BROYEURS MULTI–FUT ET TECHNIQUES DE BROYAGE

(71, 72) **RANNE, Bill, H.** [US/US]; 317 East Orleans, Jackson, TN 38301 (US).

(74) **LAROSE, David, E.**; Luedeka, Neely & Graham. P.C., Customer No. 000408, P.O. Box 1871, Knoxville, TN 37901 (US).

(81) CA CN JP MX; 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] **B05B 3/10, B01J 2/04, 2/14**

(11) **WO 00/18511** (13) A1

(21) PCT/SE99/01601

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) sv (26) en

(30) 9803282–4 **25 Sep/sep 1998 (25.09.1998)** SE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR THE FORMATION OF PARTICLES AND ARRANGEMENT THEREFOR
• PROCEDE DE FORMATION DE PARTICULES ET ARRANGEMENT ASSOCIE

(71) **SANDVIK AB; (publ)** [SE/SE]; S–811 81 Sandviken (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANDERSSON, Alf** [SE/SE]; Box 23, S–269 35 Ödåkra (SE).

(74) **TÅQUIST, Lennart**; Sandvik AB, Patent Dept., S–811 81 Sandviken (SE).

(81) IL JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[7] **B05B 3/10, B01J 2/04, 2/14**

(11) **WO 00/18512** (13) A1

(21) PCT/SE99/01602

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) sv (26) en

(30) 9803283–2 **25 Sep/sep 1998 (25.09.1998)** SE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • APPARATUS AND METHOD FOR THE FORMATION OF DROPLETS FROM A LIQUID
• DISPOSITIF ET PROCEDE DE FORMATION DE GOUTTELETTES A PARTIR D'UN LIQUIDE

(71) **SANDVIK AB; (publ)** [SE/SE]; S–811 81 Sandviken (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANDERSSON, Alf** [SE/SE]; Box 23, S–269 35 Ödåkra (SE).

(74) **TÅQUIST, Lennart**; Sandvik AB, Patent Dept., S–811 81 Sandviken (SE).

(81) IL JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[7] **B05B 11/00, G01F 11/02, B05B 1/32, F16K 23/00**

(11) **WO 00/18513** (13) A1

(21) PCT/GB99/03222

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 9820962.0 **25 Sep/sep 1998 (25.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DISPENSER PUMPS
• POMPES DE DISTRIBUTEURS

(71) **THE ENGLISH GLASS COMPANY LIMITED** [GB/GB]; Scudamore Road, Leicester LE3 1UG (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WASS, Anthony, Charles, Lammond** [GB/GB]; The Mousehole, Duddington, Stamford, Lincs. PE9 3QE (GB). **SPENCER, Jeffrey, William** [GB/GB]; 5 Harene Crescent, Kirby Muxloe, Leicestershire LE3 3HS (GB). **SMITH, Richard** [GB/GB]; 45 Mays Farm Drive, Stoney Stanton, Leicestershie LE9 4HA (GB). **LAW, Brian, Robert** [GB/GB]; 11 Meadhurst Road, Western Park, Leicester LE3 6FR (GB).

(74) **STONER, G., Patrick** et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, London WC2B 6HP (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 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; 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 : *(c)*

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(51)[7] **B05B 13/02, 1/26, 7/08, 17/06, 7/16, D21H 23/50**

(11) **WO 00/18514** (13) A1

(21) PCT/EP99/07241

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) de (26) de

(30) 198 44 979.8 **30 Sep/sep 1998** (30.09.1998) DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE AND METHOD FOR APPLYING A LIQUID OR PASTE–LIKE COATING MEDIUM TO A CONTINUOUS UNDERSURFACE
• PROCEDE ET DISPOSITIF POUR APPLIQUER UNE SUBSTANCE LIQUIDE OU PATEUSE SUR UN SUBSTRAT EN MOUVEMENT

(71) **VOITH SULZER PAPIERTECHNIK PATENT GMBH** [DE/DE]; Sankt Pöltener Strasse 43, D–89522 Heidenheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOHL, Bernhard** [DE/DE]; Straussstrausse 8, D–89518 Heidenheim (DE). **MENDEZ–GALLON, Benjamin** [CO/DE]; Griessäckerstrasse 16, D–89551 Königsbronn (DE). **BERNERT, Richard** [DE/DE]; Ebertstrasse 48, D–89537 Giengen (DE). **KUSTERMANN, Martin** [DE/DE]; Ravensburger Strasse 10, D–89522 Heidenheim (DE). **KURTZ, Rüdiger** [DE/DE]; Backnanger Weg 10, D–89522 Heidenheim (DE). **DÖRFINGER, Hans–Dieter** [DE/DE]; Igelhecke 6, D–89518 Heidenheim (DE).

(74) **WEICKMANN, H.** et al. / etc.; Kopernikusstrasse 9, D–81679 München (DE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **B05B 15/04, B32B 31/00, B65B 35/36, B21F 27/16**

(11) **WO 00/18515** (13) A1

(21) PCT/US99/20667

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 09/160,249 **25 Sep/sep 1998** (25.09.1998) US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND APPARATUS FOR FORMING POCKETED COIL SPRING MATTRESSES
• PROCEDE ET APPAREIL DE FABRICATION DE MATELAS A RESSORTS A BOUDINS FORMANT DES POCHES

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

(72) **MOSSBECK, Niels, S.**; 1951 Wilson Road, Carthage, MO 64836 (US).

(74) **HAUPT, Keith, R.** et al. / etc.; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202 (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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **B05D**

(11) **WO 00/18516** (13) A2

(21) PCT/EP99/07162

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) de (26) de

(30) 198 44 332.3 **28 Sep/sep 1998** (28.09.1998) DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PAINT FILM AND THE USE THEREOF FOR COATING THREE–DIMENSIONAL OBJECTS
• FEUIL DE PEINTURE ET SON UTILISATION POUR LE RECOUVREMENT D'OBJETS TRIDIMENSIONNELS

(71) **BASF COATINGS AG** [DE/DE]; Glasuritstrasse 1, D–48165 Münster (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BÜRSTINGHAUS, Rainer** [DE/DE]; Nachtigallengrund 5, D–48291 Telgte (DE). **JUNG, Werner, Alfons** [DE/DE]; Uhrwerkerstrasse 55, D–59387 Ascheberg (DE). **BENDIX, Maximilian** [DE/DE]; Von–Steinfurt–Strasse 20, D–59302 Oelde (DE). **BETZ, Peter** [DE/DE]; Am Roggenkamp 172, D–48165 Münster (DE). **RINK, Heinz–Peter** [DE/DE]; Lohöfenerweg 44, D–48153 Münster (DE).

(74) **FITZNER, Uwe**; Lintorfer Strasse 10, D–40878 Ratingen (DE).

(81) BR JP US; 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] **B05D 1/00**

(11) **WO 00/18517** (13) A1

(21) PCT/US99/15125

(22) **6 Jul/juil 1999 (06.07.1999)**

(25) en (26) en

(30) 09/160,086 **25 Sep/sep 1998** (25.09.1998) US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NON–SAG LIQUID APPLICATION METHOD
• PROCEDE D'APPLICATION DE LIQUIDES SANS COULURE

(71) **SOLUTIA INC.** [US/US]; 10300 Olive Boulevard, Saint Louis, MO 63166–6760 (US).

(72) **ERICKSON, Dennis**; 31 Shirley Street, Wilbraham, MA 01095 (US).

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

(81) BR CA CN IN KR MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **B05D 3/06, C23C 16/27**

(11) **WO 00/18518** (13) A1

(21) PCT/US99/22548

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,693 **1 Oct/oct 1998** (01.10.1998) US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A PROCESS FOR ULTRA SMOOTH DIAMOND COATING ON METALS AND USES THEREOF
• PROCEDE PERMETTANT D'APPLIQUER UN REVETEMENT DE DIAMANT ULTRA LISSE SUR DES METAUX ET UTILISATIONS CORRESPONDANTES

(71) **THE UAB RESEARCH FOUNDATION** [US/US]; Suite 1120G/AB, 701 South 20th Street, Birmingham, AL 35294–0111 (US).

(72) **VOHRA, Yogesh, K.**; 2667 Hackwood Place, Birmingham, AL 35226 (US). **CATLEDGE, Shane, A.**; 14207 Kenley Way, Birmingham, AL 35242 (US).

(74) **ADLER, Benjamin, A.**; McGregor & Adler LLP, 8011 Candle Lane, Houston, TX 77071 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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; 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] **B07C 1/02, B65G 65/23, 11/00, 47/44, B65H 3/60, 1/30**

(11) **WO 00/18519** (13) A1

(21) PCT/EP99/06872

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) de (26) de

(30) 198 44 765.5 **29 Sep/sep 1998 (29.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND DEVICE FOR SEPARATING PARTS FROM A STACK
• PROCEDE ET DISPOSITIF POUR LA SEPARATION D'ELEMENTS CONTENUS DANS UNE PILE

(71) **MECHANIK CENTER ERLANGEN GMBH** [DE/DE]; Günther–Scharowsky–Strasse 21, D–91058 Erlangen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PFOERTNER, Helmut** [DE/DE]; Am Herrenweiher 7, D–91085 Weisendorf (DE). **BUSSMANN, Friedrich** [DE/DE]; Am Brunngraben 5, D–91207 Lauf (DE). **HEGGE, Klaus** [DE/DE]; Am Ufer 3, D–78465 Konstanz (DE). **HAMBERGER, Gustav** [DE/DE]; Kornburger Hauptstrasse 23 B, D–90455 Nürnberg (DE).

(74) **ZEDLITZ, Peter**; Postfach 22 13 17, D–80503 München (DE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **B07C 5/02**

(11) **WO 00/18520** (13) A1

(21) PCT/US99/22398

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/160,401 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SORTING AND ACQUIRING IMAGE DATA FOR DOCUMENTS
• TRI ET ACQUISITION DE DONNEES D'IMAGE DE DOCUMENTS

(71) **OPEX CORPORATION** [US/US]; 305 Commerce Drive, Moorestown, NJ 08057 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAYDUCHOK, George, L.** [US/US]; 22 Maple Tree Drive, Mount Holly, NJ 08060 (US). **DEWITT, Robert, R.** [US/US]; 12 Orchard Lane, Marlton, NJ 08053 (US). **STEVENS, Albert, F.** [US/US]; 303 Somers Avenue, Moorestown, NJ 08057 (US).

(74) **ELAND, Stephen, H.**; Dann, Dorfman, Herrell and Skillman, P.C., Suite 720, 1601 Market Street, Philadelphia, PA 19103 (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 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; 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)[6] **B08B 3/00**

(11) **WO 00/18521** (13) A1

(21) PCT/US99/22532

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,663 **1 Oct/oct 1998 (01.10.1998)** US

(30) 60/102,664 **1 Oct/oct 1998 (01.10.1998)** US

(30) 60/117,401 **27 Jan/jan 1999 (27.01.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • REVERSE FLOW CLEANING AND STERILIZING DEVICE AND METHOD
• DISPOSITIF ET PROCEDE DE STERILISATION ET DE NETTOYAGE A FLUX INVERSE

(71) **MINNTECH CORPORATION** [US/US]; 14605 28th Avenue North, Minneapolis, MN 55447 (US).

(71, 72) **STANLEY, Patricia, M.** [US/US]; 3701 Pillsbury Avenue South, Minneapolis, MN 55409 (US).

(74) **WRIGLEY, Barbara, A.** et al. / etc.; Minntech Corporation, 14605 28th Avenue North, Minneapolis, MN 55447 (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; 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)[6] **B08B 3/02, 9/093**

(11) **WO 00/18522** (13) A1

(21) PCT/AU99/00838

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) PP 6250 **30 Sep/sep 1998 (30.09.1998)** AU

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • VERTICAL CRATE WASHING AND DRYING DEVICE AND METHODS
• LAVEUSE/SECHEUSE VERTICALE DE CAISSES ET PROCEDES ASSOCIES

(71) **WASHCO PTY LIMITED** [AU/AU]; 3 East Street, Lidcombe, NSW 2141 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STAPLETON, Kevin, John** [AU/AU]; 9 Greenbank Drive, Glenhaven, NSW 2156 (AU).

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

(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 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; 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] **B08B 3/08, 1/04, H01L 21/00**

(11) **WO 00/18523** (13) A1

(21) PCT/US99/19634

(22) **26 Aug/août 1999 (26.08.1999)**

(25) en (26) en

(30) 09/162,709 **29 Sep/sep 1998 (29.09.1998)** US

(30) 09/197,348 **20 Nov/nov 1998 (20.11.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND APPARATUS FOR CLEANING LOW K DIELECTRIC AND METAL WAFER SURFACES
• PROCEDE ET APPAREIL DE NETTOYAGE DE SURFACES DE PLAQUETTES A FAIBLE CONSTANTE DIELECTRIQUE ET DE PLAQUETTES METALLIQUES

(71) **LAM RESEARCH CORPORATION** [US/US]; 4650 Cushing Parkway, Fremont, CA 94538 (US).

(72) **JIANG, Linda**; 4261 Stevenson Boulevard #255, Fremont, CA 94538 (US). **HYMES, Diane, J.**; 5617 Algonquin Way, San Jose, CA 95138 (US).

(74) **PENILLA, Albert, S.**; Martine Penilla & Kim, LLP, Suite 170, 710 Lakeway Drive, Sunnyvale, CA 94086 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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)[6] **B09C 1/06, F23G 7/14**

(11) **WO 00/18524** (13) A1

(21) PCT/AU99/00785

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) PP 6185 **28 Sep/sep 1998 (28.09.1998)** AU

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SOIL REMEDIATION SYSTEM
• SYSTEME DE RESTAURATION DES SOLS

(71) **INNOVA SOIL TECHNOLOGY PTY. LTD.** [AU/AU]; 76 Dumaresq Street, Hamilton South, Newcastle, NSW 2303 (AU). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LUCAS, John, Anthony** [AU/AU]; 76 Dumaresq Street, Hamilton South, Newcastle, NSW 2303 (AU). **WIBBERLEY, Louis, James** [GB/AU]; 5A Park Road, Garden Suburb, NSW 2289 (AU).

(74) **NOONAN, Greg** et al. / etc.; Freehills Patent Attorneys, Level 47, 101 Collins Street, Melbourne, VIC 3000 (AU).

(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 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; 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] **B21D**

(11) **WO 00/18525** (13) A2

(21) PCT/EP99/06866

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) de (26) de

(30) 198 44 244.0 **26 Sep/sep 1998 (26.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE FOR BENDING SHEET METAL
• DISPOSITIF POUR LE CINTRAGE DE TOLES

(71) **FASTI–WERK CARL AUG. FASTENRATH GMBH & CO. KG** [DE/DE]; Elbringhausen 1, D–42929 Wermelskirchen (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DITSCHER, Werner** [DE/DE]; Erlenbachstrasse 6, D–76872 Steinweiler (DE).

(74) **MÜLLER, Enno** et al. / etc.; Rieder & Partner, Corneliusstrasse 45, D–42329 Wuppertal (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 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; 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] **B21D**

(11) **WO 00/18526** (13) A2

(21) PCT/US99/22435

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 60/102,375 **29 Sep/sep 1998 (29.09.1998)** US

(30) 09/383,822 **27 Aug/août 1999 (27.08.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • EXTERNAL INDUCTOR FOR MAGNETIC–PULSE WELDING AND FORMING
• INDUCTEUR EXTERNE POUR SOUDAGE ET FORMAGE PAR IMPULSIONS MAGNETIQUES

(71) **TECHNAPULSE, LLC** [US/US]; 933 Motor Parkway, Happauge, NY 11788 (US).

(72) **KISTERSKY, Ludmila**; 456 Eaton Street, Providence, RI 02908 (US). **DUDKO, Daniil**; Apartment 113, 22–26 Anri Barbusa Street, Kiev, 252005 (UA). **VIACHESLAV, Shevchenko**; 460 Eaton Street, Providence, RI 02908 (US).

(74) **HOLMES, Stephen, J.** et al. / etc.; Balow, Josephs & Holmes, 5th floor, 101 Dyer Street, Providence, RI 02903 (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; 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] **B21D 7/02, 7/024**

(11) **WO 00/18527** (13) A1

(21) PCT/EP99/06987

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) de (26) de

(30) 198 43 867.2 **25 Sep/sep 1998 (25.09.1998)** DE

(30) 199 19 508.0 **29 Apr/avr 1999 (29.04.1999)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PRESSURE PAD DEVICE FOR A BENDING MACHINE
• DISPOSITIF FOND DE MATRICE D'UNE CINTREUSE

(71) **PULZER BIEGETECHNIK GMBH** [DE/DE]; Hallstattstrasse 16, D–72766 Reutlingen (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HARTNAGEL, Dieter** [DE/DE]; Weilweg 38, D–72768 Reutlingen (DE).

(74) **MÖBUS, Rudolf** et al. / etc.; Hindenburgstrasse 65, D–72762 Reutlingen (DE).

(81) JP US; 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] **B21D 39/03, B21J 15/12**

(11) **WO 00/18528** (13) A1

(21) PCT/DE99/03064

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) de (26) de

(30) 198 43 874.5 **25 Sep/sep 1998 (25.09.1998)** DE

(30) 199 45 743.3 **24 Sep/sep 1999 (24.09.1999)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND DEVICE FOR CONNECTING OVERLAPPING FLAT PARTS
• PROCEDE ET DISPOSITIF POUR ASSEMBLER DES ELEMENTS SOUS FORME DE PLAQUES QUI SE CHEVAUCHENT

(71) **TECHNISCHE UNIVERSITÄT DRESDEN** [DE/DE]; Dezernat 5, SG 5.1, Mommsenstrasse 13, D–01069 Dresden (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **VOELKNER, Wolfgang** [DE/DE]; Georg–Palitzsch–Strasse 111, D–01239 Dresden (DE). **EFFENBERG, Gerald** [DE/DE]; Am Dorfplatz 18, D–01728 Haenichen (DE). **MAUERMANN, Reinhard** [DE/DE]; Pohlandstrasse 12, D–01309 Dresden (DE).

(74) **TECHNISCHE UNIVERSITÄT DRESDEN**; Sender, Frank, Dezernat 5, SG 5.1, D–01062 Dresden (DE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[7] **B22F 1/00, 9/10, B01J 2/14, B05B 3/02**

(11) **WO 00/18529** (13) A1

(21) PCT/SE99/01698

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) sv (26) en

(30) 9803289–9 **25 Sep/sep 1998 (25.09.1998)** SE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND MEANS FOR DRYING CEMENTED CARBIDE AND SIMILAR
• PROCEDE ET DISPOSITIF DE SECHAGE DE CARBURE CIMENTE ET SIMILAIRES

(71) **SANDVIK AB (publ)** [SE/SE]; S–811 81 Sandviken (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANDERSSON, Alf** [SE/SE]; Box 23, S–260 35 Ödåkra (SE). **NELANDER, Bo** [SE/SE]; Ärjavägen 14, S–125 41 Älvsjö (SE). **JUTTERSTRÖM, Ulf** [SE/SE]; Lidners plan 11, S–112 53 Stockholm (SE).

(74) **TÅQUIST, Lennart**; Sandvik AB, Patent Dept., S–811 81 Sandviken (SE).

(81) IL JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[6] **B22F 9/04, 1/00, C22C 1/04**

(11) **WO 00/18530** (13) A1

(21) PCT/CA98/00939

(22) **30 Sep/sep 1998 (30.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PREPARATION OF NANOCRYSTALLINE ALLOYS BY MECHANICAL ALLOYING CARRIED OUT AT ELEVATED TEMPERATURES
• PREPARATION D'ALLIAGES NANOCRISTALLINS PAR BROYAGE MECANIQUE A TEMPERATURES ELEVEES

(71) **HYDRO–QUEBEC** [CA/CA]; 75 West René–Lévesque Boulevard, Montréal, Québec H2Z 1A4 (CA).

(72) **SCHULZ, Robert**; 68 Bel Horizon, Sainte–Julie, Québec J0L 2S0 (CA). **RIOUX, Reynald**; 301 de Saintonge, Boucherville, Québec J4B 1J4 (CA). **BOILY, Sabin**; 1676, Labonté, Chambly, Québec J3L 5M6 (CA). **HUOT, Jacques**; Appartement 404, 104, des Haut–Bois, Sainte–Julie, Québec J0L 2S0 (CA).

(74) **ROBIC**; 55 St–Jacques, Montréal, Québec H2Y 3X2 (CA).

(81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **B23B 3/00, 31/00**

(11) **WO 00/18531** (13) A1

(21) PCT/US99/22134

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 60/102,097 **28 Sep/sep 1998 (28.09.1998)** US

(30) 09/314,331 **19 May/mai 1999 (19.05.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DUAL–LAYER DVD DISC, AND METHOD AND APPARATUS FOR MAKING SAME
• DVD DOUBLE COUCHE, ET PROCEDE ET DISPOSITIF DE FABRICATION ASSOCIES

(71) **WEA MANUFACTURING, INC.** [US/US]; 1444 East Lackawanna Avenue, P.O. Box 321, Olyphant, PA 18447 (US).

(72) **MUELLER, William, R.**; 2007 Terra Drive, Clarks Summit, PA 18411 (US).

(74) **KADEN, Jeffrey, M.**; Gottlieb, Rackman & Reisman, P.C., 270 Madison Avenue, New York, NY 10016–0601 (US).

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

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(51)[6] **B23B 31/20**

(11) **WO 00/18532** (13) A1

(21) PCT/US99/23023

(22) **1 Oct/oct 1999 (01.10.1999)**

(25) en (26) en

(30) 60/102,619 **1 Oct/oct 1998 (01.10.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • COLLET FOR TOOL HOLDER
• VIROLE POUR PORTE–OUTIL

(71, 72) **LLOYD, Don, R.** [US/US]; 802 F. Harbortown, Noblesville, IN 46060 (US).

(74) **REZEK, Richard, A.**; Barnes & Thornburg, 11 South Meridian Street, Indianapolis, IN 46204 (US).

(81) AU BR CA JP MX US; 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] **B23D 25/12, 25/02**

(11) **WO 00/18533** (13) A1

(21) PCT/IB99/01561

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) en (26) en

(30) UD98A000163 **29 Sep/sep 1998 (29.09.1998)** IT

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CONTINUOUSLY ROTATING SHEARS
• CISAILLES A ROTATION CONTINUE

(71) **DANIELI & C. OFFICINE MECCANICHE S.P.A.** [IT/IT]; Via Nazionale, I–33042 Buttrio (IT).

(72) **DRIGANI, Fausto**; Piazza della Chiesa, 6, I–33050 Zugliano (IT). **PITTARI, Giampietro**; Via Erizzo, 108, I–31035 Crocetta Del Montello (IT).

(74) **PETRAZ, Gilberto**; GLP S.r.l., Piazzale Cavedalis, 6/2, I–33100 Udine (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 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; AP (GH GM KE LS MW 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] **B23K 3/06**

(11) **WO 00/18534** (13) A1

(21) PCT/NL99/00602

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) nl (26) en

(30) 1010214 **29 Sep/sep 1998 (29.09.1998)** NL

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE FOR TREATING PRINTED CIRCUIT BOARDS
• DISPOSITIF DE TRAITEMENT DE CARTES A CIRCUIT IMPRIME

(71) **LANTRONIC B.V.** [NL/NL]; Kamerlingh Onnesstraat 6, NL–6603 AZ Wijchen (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LANTANG, James, Emile** [NL/NL]; Kamerlingh Onnesstraat 6, NL–6603 AZ Wijchen (NL).

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

(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 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; 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)[6] **B23K 26/08**

(11) **WO 00/18535** (13) A1

(21) PCT/EP98/06217

(22) **30 Sep/sep 1998 (30.09.1998)**

(25) de (26) de

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND DEVICE FOR REMOVING MATERIAL FROM A SURFACE OF A WORK PIECE
• PROCEDE ET DISPOSITIF D'ENLEVEMENT DE MATIERE SUR UNE SURFACE D'UNE PIECE

(71) **LCTEC LASER– UND COMPUTER-TECHNIK GMBH** [DE/DE]; Tiroler Strasse 85, D–87459 Pfronten (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WRBA, Peter** [DE/DE]; Rosenweg 10, D–87647 Unterthingau (DE). **HILDEBRAND, Peter** [DE/DE]; Gschwend 34, D–87484 Nesselwang (DE). **KUHL, Michael** [DE/DE]; Welfenstrasse 12 B, D–87629 Füssen (DE). **REISACHER, Martin** [DE/DE]; Mariabergerstrasse 69 a, D–87439 Kempten (DE).

(74) **BEETZ & PARTNER**; Steinsdorfstrasse 10, D–80538 München (DE).

(81) JP US; 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] **B23K 35/26, C22C 13/00, H05K 3/34**

(11) **WO 00/18536** (13) A1

(21) PCT/JP99/05244

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) ja (26) ja

(30) 10/279211 **30 Sep/sep 1998** JP **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SOLDERING MATERIAL AND ELECTRIC/ELECTRONIC DEVICE USING THE SAME
• MATERIAU DE BRASAGE ET DISPOSITIF ELECTRIQUE/ELECTRONIQUE UTILISANT CELUI–CI

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

(72, 75) **YAMAGUCHI, Atsushi** [JP/JP]; Room A108, 5–15, Niina, Mino–shi, Osaka 562–0005 (JP). **HIRANO, Masato** [JP/JP]; 2–9–4, Shibaharacho, Toyonaka–shi, Osaka 560–0055 (JP). **SUETSUGU, Kenichiro** [JP/JP]; 5–2, Mondosou, Nishinomiya–shi, Hyogo 662–0825 (JP). **NAKATA, Mikiya** [JP/JP]; Room C–501, 21, Kashikiriyama, Suita–shi, Osaka 565–0806 (JP).

(74) **ISHII, Kazuo**; Kitahama–Yamamoto Building, 3–6, Kitahama 2–chome, Chuo–ku, Osaka–shi, Osaka 541–0041 (JP).

(81) CN JP KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **B23K 35/30**

(11) **WO 00/18537** (13) A1

(21) PCT/JP99/05155

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) ja (26) ja

(30) 10/272406 **28 Sep/sep 1998** JP **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BRAZING FILLER ALLOY FOR STAINLESS STEEL, BRAZED STRUCTURE MANUFACTURED BY USING THE BRAZING FILLER ALLOY, AND BRAZING FILLER MATERIAL FOR STAINLESS STEEL
• ALLIAGE DE METAUX D'APPORT DE BRASAGE POUR STRUCTURE BRASEE EN ACIER INOXYDABLE, ET METAL D'APPORT DE BRASAGE POUR ACIER INOXYDABLE

(71) **SUMITOMO SPECIAL METALS CO., LTD.** [JP/JP]; 7–19, 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) **UEDA, Masami** [JP/JP]; Suita Works, Sumitomo Special Metals Co., Ltd., 19–1, Minamisuita 2–chome, Suita–shi, Osaka 564–0043 (JP). **ISHIO, Masaaki** [JP/JP]; Suita Works, Sumitomo Special Metals Co., Ltd., 19–1, Minamisuita 2–chome, Suita–shi, Osaka 564–0043 (JP). **NODA, Hidetoshi** [JP/JP]; Suita Works, Sumitomo Special Metals Co., Ltd., 19–1, Minamisuita 2–chome, Suita–shi, Osaka 564–0043 (JP). **HASEGAWA, Tsuyoshi** [JP/JP]; Suita Works, Sumitomo Special Metals Co., Ltd., 19–1, Minamisuita 2–chome, Suita–shi, Osaka 564–0043 (JP).

(74) **HONDA, Tatsuo**; Honda Patent Office, 6F, Shin–Osaka Maru Building Shinkan, 18–27, Higashinakajima 1–chome, Higashiyodogawa–ku, Osaka–shi, Osaka 533–0033 (JP).

(81) JP US; 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] **B23P 15/28**

(11) **WO 00/18538** (13) A1

(21) PCT/SE99/01553

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) sv (26) en

(30) 9803065–3 **10 Sep/sep 1998** SE **(10.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A GAMMA RAY COLLIMATOR BUILD–UP
• CONSTITUTION D'UN COLLIMATEUR A RAYONS GAMMA

(71) **ELEKTA AB** [SE/SE]; P.O. Box 7593, S–103 93 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NILSSON, Börje** [SE/SE]; Vasagatan 5B, S–753 13 Uppsala (SE). **ARNDT, Jürgen** [SE/SE]; Björkvik 117 B, S–179 98 Färentuna (SE).

(74) **AWAPATENT AB**; P.O. Box 45086, S–104 30 Stockholm (SE).

(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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **B23P 19/06, B21J 13/00, 15/12, B30B 15/30, B21D 55/00, F16P 3/00**

(11) **WO 00/18539** (13) A1

(21) PCT/IT99/00304

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) it (26) en

(30) MS98A000008 **28 Sep/sep 1998** IT **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MULTIFUNCTION INSERT PRESS
• PRESSE A INSERTS MULTIFONCTION

(71, 72) **ARRIGHI, Claudio** [IT/IT]; Via Vicinale Macchia, 27, Fraz. Marina, I–54036 Carrara (IT).

(74) **BARDINI, Marco, Luigi** et al. / etc.; Società Italiana Brevetti S.p.A., Corso dei Tintori, 25, I–50122 Firenze (IT).

(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; 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] **B23Q 1/54**

(11) **WO 00/18540** (13) A1

(21) PCT/EP99/07181

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) de (26) de

(30) 198 44 791.4 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MACHINE TOOL FOR THE MULTIAXIAL, ESPECIALLY 5–AXIAL PROCESSING OF WORK PIECES

• MACHINE–OUTIL POUR USINAGE MULTI–AXIAL DE PIECES, NOTAMMENT POUR USINAGE DANS CINQ AXES

(71) **HÜLLER HILLE GMBH** [DE/DE]; Schwieberdinger Strasse 80, D–71636 Ludwigsburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HORN, Wolfgang** [DE/DE]; Pommernstrasse 24, D–74385 Pleidelsheim (DE). **REIBETANZ, Thomas** [DE/DE]; Erlenweg 13/1, D–71711 Murr (DE). **STENGELE, Gerald** [DE/DE]; Hauffstrasse 4, D–71735 Nussdorf (DE).

(74) **DAHLKAMP, Heinrich, Leopold**; Am Thyssenhaus 1, D–45128 Essen (DE).

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

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(51)[6] **B23Q 3/02**

(11) **WO 00/18541** (13) A1

(21) PCT/US99/22300

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 09/163,506 **30 Sep/sep 1998** US **(30.09.1998)**

(30) 09/352,178 **12 Jul/juil 1999** US **(12.07.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • WORKPIECE CLAMPING TOOL
• OUTIL DE SERRAGE D'UNE PIECE A TRAVAILLER

(71) **ROYB, INC.** [US/US]; Suite G, 8616 Xylon Avenue North, Brooklyn Park, MN 55445 (US).

(72) **CUTSFORTH, Robert, S.**; 1418 4th Avenue South, Anoka, MN 55303 (US). **JOHNSEN, Bryan, A.**; 8763 Maplebrook Parkway, Brooklyn Park, MN 55445 (US).

(74) **CROMPTON, David, M.** et al. / etc.; Crompton, Seager & Tufte, LLC, Suite 895, 331 Second Avenue South, Minneapolis, MN 55401–2246 (US).

(81) AU BR CA CN JP KR; 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 37/04, 53/007, 41/04 // H01L 21/304**

(11) **WO 00/18542** (13) A1

(21) PCT/US99/22037

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 09/162,916 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CHEMICAL MECHANICAL POLISHING CONDITIONER
• CONDITIONNEMENT DU POLISSAGE CHIMICO–MECANIQUE

(71) **APPLIED MATERIALS, INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).

(72) **GURUSAMY, Jayakumar**; 1200 Dale Avenue #112, Mountain View, CA 94040 (US). **ROSENBERG, Lawrence, M.**; 1152 Holly Ann Place, San Jose, CA 95120 (US). **MEDVINSKY, Alexander**; 800 Sea Spray Lane #206, Foster City, CA 94404 (US).

(74) **BERNADICOU, Michael, A.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) JP KR SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[7] **B24B 37/04, 53/007, 57/02**

(11) **WO 00/18543** (13) A1

(21) PCT/US99/22696

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/164,860 **1 Oct/oct 1998** US **(01.10.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD OF POST CMP DEFECT STABILITY IMPROVEMENT
• PROCEDE SERVANT A AMELIORER LA STABILITE D'UNE SURFACE PRESENTANT DES DEFAUTS APRES UNE OPERATION DE POLISSAGE CHIMIO-MECANIQUE

(71) **APPLIED MATERIALS, INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).

(72) **FISHKIN, Boris**; 155 Exeter Avenue, San Carlos, CA 94070 (US). **GARRETSON, Charles, C.**; 159 Emerson Street, #3, Palo Alto, CA 94301 (US). **MCKEEVER, Peter**; 555 E. El Camino Real #315, Sunnyvale, CA 94087 (US). **OSTERHELD, Thomas, H.**; 1195 Barbara Avenue, Mountain View, CA 94040 (US). **PRABHU, Gopalakrishna, B.**; 113 El Bosque Drive, San Jose, CA 95134 (US). **BENNETT, Doyle, E.**; 3107 McKinley Drive, Santa Clara, CA 95051 (US). **BONNER, Benjamin, A.**; 422 S. Eldorado Street, San Mateo, CA 94402 (US). **HUEY, Sidney**; 436 Sandhurst Drive, Milpitas, CA 95035 (US).

(74) **BERNADICOU, Michael, A.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) JP KR SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[7] **B24B 57/00**

(11) **WO 00/18544** (13) A1

(21) PCT/US99/22034

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 09/160,392 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • APPARATUS AND METHOD FOR SUPPLYING SLURRY EITHER TO A POLISHING PAD OR TO A RETURN LINE
• DISPOSITIF ET PROCEDE DE FOURNITURE D'UNE SUSPENSION, SOIT A UN TAMPON POLISSEUR, SOIT A UNE CONDUITE DE RETOUR

(71) **APPLIED MATERIALS, INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).

(72) **BROWN, Kyle**; Apartment K–117, 655 South Fair Oaks Avenue, Sunnyvale, CA 94086–7857 (US). **BROWN, Brian, J.**; 211 Colorado Avenue, Palo Alto, CA 94301 (US).

(74) **BERNADICOU, Michael, A.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) JP KR SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[6] **B24D 13/10**

(11) **WO 00/18545** (13) A1

(21) PCT/JP98/04435

(22) **30 Sep/sep 1998 (30.09.1998)**

(25) ja (26) ja

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BRUSH ROLL AND ITS BRUSH DEVICE
• ROULEAU–BROSSE AVEC DISPOSITIF DE BROSSAGE

(71) **HOTANI CO., LTD.** [JP/JP]; 1452, Todoroki, Nokami–cho, Kaiso–gun, Wakayama 640–1131 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOTANI, Setsuo** [JP/JP]; 1425–2, Todoroki, Nokami–cho, Kaiso–gun, Wakayama 640–1131 (JP).

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

(81) BR CN KR US; 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] **B25F 5/00, H02J 7/00**

(11) **WO 00/18546** (13) A1

(21) PCT/DE99/03065

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) de (26) de

(30) 198 43 856.7 **24 Sep/sep 1998** DE **(24.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ENERGY SUPPLY FOR AN ELECTRICAL HAND–HELD APPLIANCE
• SYSTEME D'ALIMENTATION EN ENERGIE D'UN APPAREIL PORTATIF ELECTRIQUE

(71, 72) **DALFERTH, Horst** [DE/DE]; Jägerstrasse 5, D–71696 Möglingen (DE).

(74) **SCHUSTER, Gregor** et al. / etc.; Wiederholdstrasse 10, D–70174 Stuttgart (DE).

(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; 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 : *(c)*

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(51)[6] **B25J 9/06**

(11) **WO 00/18547** (13) A1

(21) PCT/US99/19097

(22) **18 Aug/août 1999 (18.08.1999)**

(25) en (26) en

(30) 09/163,844 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SUBSTRATE TRANSPORT APPARATUS
• APPAREIL DE TRANSPORT DE SUBSTRATS

(71) **BROOKS AUTOMATION, INC.** [US/US]; 15 Elizabeth Drive, Chelmsford, MA 01824 (US).

(72) **HOFMEISTER, Christopher, A.**; 172 Mill Shore Drive, Hampstead, NH 03841 (US).

(74) **GREEN, Clarence, A.**; Perman & Green, LLP, 425 Post Road, Fairfield, CT 06430 (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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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)[6] **B25J 13/02**

(11) **WO 00/18548** (13) A1

(21) PCT/NZ98/00153

(22) **9 Oct/oct 1998 (09.10.1998)**

(25) en (26) en

(30) 328907 **9 Oct/oct 1997 (09.10.1997)** NZ

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • OPERATOR ASSISTED ROBOTIC APPARATUS
• APPAREIL A BRAS ROBOTISE COMMANDE PAR UN OPERATEUR

(71) **THE NEW ZEALAND MEAT PRODUCERS BOARD** [NZ/NZ]; 110 Featherston Street, Wellington (NZ).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WICHMAN, Taira** [NZ/NZ]; 110 Featherston Street, Wellington (NZ).

(74) **WEST–WALKER, Gregory, James** et al. / etc.; Mobil on the Park, 157 Lambton Quay, P.O. Box 1344, Wellington 6001 (NZ).

(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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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)[6] **B26B 1/04**

(11) **WO 00/18549** (13) A1

(21) PCT/US99/22310

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 60/102,172 **28 Sep/sep 1998 (28.09.1998)** US

(30) 60/118,654 **26 Jan/jan 1999 (26.01.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BLADE LOCK FOR FOLDING KNIFE
• VERROU DE LAME POUR COUTEAU DE POCHE

(71) **IMPERIAL SCHRADE CORP.** [US/US]; 7 Schrade Court, P.O. Box 7000, Ellenville, NY 12428–0981 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAKE, Ronald, W.** [US/US]; 3360 Bendix Avenue, Eugene, OR 97401 (US). **WALKER, Michael, L.** [US/US]; 555 Este Es Road, Taos, NM 87671 (US).

(74) **SAIDMAN, Perry, J.**; Saidman DesignLaw Group, Suite 510, 1110 Bonifant Street, Silver Spring, MD 20910 (US).

(81) AU CA MX US; 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] **B26F 1/40, B26D 7/18, B26F 1/44, B26D 7/32, B65H 29/32, 31/24, 31/34, B31D 1/02**

(11) **WO 00/18550** (13) A1

(21) PCT/IB99/01591

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) VI98A000185 **29 Sep/sep 1998 (29.09.1998)** IT

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DIE CUTTING MACHINE
• MACHINE DE DECOUPAGE A L'EMPORTE–PIECE

(71, 72) **RIGLIETTI, Antonio** [IT/IT]; Via dell'Angelo, 3, I–36061 Bassano Del Grappa (IT).

(74) **MAROSCIA, Antonio**; Maroscia & Associati S.r.l., Corso Palladio, 42, I–36100 Vicenza (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 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; 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] **B26F 3/00**

(11) **WO 00/18551** (13) A2

(21) PCT/GB99/03035

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 9821025.5 **29 Sep/sep 1998 (29.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IMPROVEMENTS IN AND RELATING TO FLUID CUTTING OPERATIONS
• AMELIORATIONS RELATIVES AUX OPERATIONS DE DECOUPE PAR JET DE FLUIDE

(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) **BARLOW, Jonathan** [GB/GB]; BNFL Engineering Limited, Risley, Warrington, Cheshire WA3 6AS (GB).

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

(51)[7] **B26F 3/00, B26D 7/24**

(11) **WO 00/18552** (13) A1

(21) PCT/GB99/03036

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 9821024.8 **29 Sep/sep 1998 (29.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SAFETY SYSTEM FOR FLUID JET CUTTERS
• SYSTEME DE SECURITE POUR DECOUPEUSES A JET DE FLUIDE

(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) **BARLOW, Jonathan** [GB/GB]; BNFL Engineering Limited, Risley, Warrington, Cheshire WA3 6AS (GB).

(74) **PAWLYN, Anthony, Neil**; Urquhart–Dykes & Lord, Tower House, Merrion Way, Leeds LS2 8PA (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 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; 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] **B28B 1/29, E04F 21/24, G21F 9/36, 9/00**

(11) **WO 00/18553** (13) A1

(21) PCT/FR99/02313

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) fr (26) fr

(30) 98/12138 **29 Sep/sep 1998 (29.09.1998)** FR

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SURFACING DEVICE
• DISPOSITIF DE SURFAÇAGE

(71) **COMPAGNIE GENERALE DES MATIERES NUCLEAIRES** [FR/FR]; 2 Rue Paul Dautier, F–78140 Vélizy Villacoublay (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DELORIS, Roger** [FR/FR]; 18 Rue de la Guesle, F–78125 Poigny la Forêt (FR). **DUMONT, Jean–Claude** [FR/FR]; 1209 Rue du Val Avril, F–50460 Tonneville (FR). **DUQUESNOY, Thierry** [FR/FR]; 18 Rue de Mauregard, F–78690 Les Essarts le Roi (FR).

(74) **HASENRADER, Hubert** et al. / etc.; Cabinet Beau de Loménie, 158 Rue de l'Université, F–75340 Paris Cedex 07 (FR).

(81) JP RU US; 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] **B29C 33/18, 39/18, B32B 31/30, A61F 13/02 // B29L 9:00**

(11) **WO 00/18554** (13) A1

(21) PCT/DK99/00505

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) PA 1998 01222 **25 Sep/sep 1998 (25.09.1998)** DK

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A METHOD FOR PRODUCING A LAYERED PRODUCT
• PROCEDE PRODUCTION D'UN PRODUIT STRATIFIE

(71) **COLOPLAST A/S** [DK/DK]; Holtedam 1, DK–3050 Humlebaek (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OEELUND, Jakob** [DK/DK]; Oester Soegade 46, DK–2100 Kobenhavn Ø (DK). **PETERSEN, Jan** [DK/DK]; Estrupsgade 28, 1.tv, DK–8600 Silkeborg (DK). **MARCUSSEN, Jan** [DK/DK]; Kirkestien 40, DK–2630 Taastrup (DK).

(74) **NILAUSEN, Kim**; Coloplast A/S, Patent Dept., Holtedam 1, DK–3050 Humlebaek (DK).

(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 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 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; 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 33/68, 70/44, B32B 27/32**

(11) **WO 00/18555** (13) A1

(21) PCT/US99/23226

(22) **1 Oct/oct 1999 (01.10.1999)**

(25) en (26) en

(30) 60/102,682 **1 Oct/oct 1998 (01.10.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD OF MOLDING OR CURING A RESIN MATERIAL AT HIGH TEMPERATURES USING A MULTILAYER RELEASE FILM
• PROCEDE DE MOULAGE OU DE DURCISSEMENT D'UNE MATIERE DE RESINE A DES TEMPERATURES ELEVEES AU MOYEN D'UN FILM DE SEPARATION MULTICOUCHE

(71) **AIRTECH INTERNATIONAL, INC.** [US/US]; 5700 Skylab Road, Huntington Beach, CA 92647 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MALIGIE, John** [US/US]; 1500 Iroquois Avenue, Long Beach, CA 90815 (US). **MALTER, Thomas** [US/US]; 16351 Duchess Lane, Huntington Beach, CA 92647 (US).

(74) **GRYTE, David, M.** et al. / etc.; Senniger, Power, Leavitt and Roedel, 16th floor, One Metropolitan Square, St. Louis, MO 63102 (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; 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)[6] **B29C 44/12, 33/16**

(11) **WO 00/18556** (13) A1

(21) PCT/EP98/06141

(22) **28 Sep/sep 1998 (28.09.1998)**

(25) de (26) de

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS FOR PRODUCING FOAMED ARTICLES, ESPECIALLY FOAMED ARTICLES FOR UPHOLSTERING CAR SEATS
• PROCEDE POUR PRODUIRE UN ELEMENT EXPANSE, NOTAMMENT UN ELEMENT DE REMBOURRAGE EXPANSE POUR UN SIEGE DE VEHICULE

(71) **GOTTLIEB BINDER GMBH & CO.** [DE/DE]; Banhofstrasse 19, D–71088 Holzgerlingen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **POULAKIS, Konstantinos** [DE/DE]; Kamenzer Strasse 19, D–01896 Pulsnitz (DE).

(74) **BARTELS UND PARTNER**; Lange Strasse 51, D–70174 Stuttgart (DE).

(81) BR CA JP MX US; 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] **B29C 44/56, C08J 9/14, 9/36**

(11) **WO 00/18557** (13) A1

(21) PCT/CA99/00883

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/161,448 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MANUFACTURING FOAMS BY STRESS–INDUCED NUCLEATION
• PRODUCTION DE MOUSSES PAR NUCLEATION INDUITE PAR CONTRAINTES

(71) **NATIONAL RESEARCH COUNCIL OF CANADA** [CA/CA]; Intellectual Property Services, Building M–58, Room EG12, Montreal Road, Ottawa, Ontario K1A 0R6 (CA).

(72) **HANDA, Y., Paul**; 797 Lalande Terrace, Orleans, Ontario K4A 2M4 (CA). **ZHANG, Zhiyi**; 9–395 Carmen Street, Vanier, Ontario K1L 6Y1 (CA).

(74) **ANDERSON, J., Wayne**; National Research Council of Canada, Building M–58, Room EG10, Montreal Road, Ottawa, Ontario K1A 0R6 (CA).

(81) AU CA JP MX NZ ZA; 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] **B29C 45/17, 45/00**

(11) **WO 00/18558** (13) A1

(21) PCT/FR99/02183

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) fr (26) fr

(30) 98/12182 **25 Sep/sep 1998 (25.09.1998)** FR

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR MAKING A HOLLOW BODY BY GAS INJECTION MOULDING
• PROCEDE DE FABRICATION DE CORPS CREUX PAR INJECTION–GAZ

(71) **RHODIA ENGINEERING PLASTICS SA** [FR/FR]; Avenue Ramboz, Boîte postale 64, F–69192 Saint–Fons Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAMBERT, André** [FR/FR]; Chemin des Accacias, Vieux Vaugris, F–38121 Reventin Vaugris (FR). **PÖTSCH, Gerhard** [DE/DE]; Seilerweg 28, D–79108 Freiburg (DE). **SCHWITZER, Klaus** [DE/DE]; Am Pfahlgraben 13, D–79276 Reute (DE).

(74) **BOITTIAUX, Vincent**; Rhodia Services, Direction de la Propriété Industrielle, Centre de Recherches de Lyon, Boîte postale 62, F–69192 Saint–Fons Cedex (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 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; 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 45/27**

(11) **WO 00/18559** (13) A1

(21) PCT/CA99/00908

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 2,248,553 **30 Sep/sep 1998 (30.09.1998)** CA

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INJECTION MOLDING NOZZLE SCREWED INTO MOUNTING BASE
• BUSE DE MOULAGE PAR INJECTION VISSEE DANS LA BASE DE MONTAGE

(71, 72) **GELLERT, Jobst, Ulrich** [CA/CA]; 7A Prince Street, Georgetown, Ontario L7G 2X1 (CA).

(74) **MCKENZIE, R., Dale**; Dalesman & Company, Suite 400, 1465 Ellis Street, Kelowna, British Columbia V1Y 2A3 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; 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)[6] **B29C 45/80**

(11) **WO 00/18560** (13) A1

(21) PCT/US98/20765

(22) **30 Sep/sep 1998 (30.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HYBRID INJECTION MOLDING MACHINE
• MACHINE DE MOULAGE PAR INJECTION HYBRIDE

(71) **CINCINNATI MILACRON INC.** [US/US]; 4701 Marburg Avenue, Cincinnati, OH 45209 (US).

(72) **KLAUS, M., Barr**; 3154 Hawkslanding, Cincinnati, OH 45244 (US).

(74) **FRISKNEY, Stephen, H.**; Milacron Inc., 2090 Florence Avenue, Cincinnati, Ohio 45206 (US).

(81) BR CA CN JP KR; 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] **B29C 47/10, 47/00**

(11) **WO 00/18561** (13) A1

(21) PCT/EP99/05376

(22) **27 Jul/juil 1999 (27.07.1999)**

(25) en (26) en

(30) GE98A000081 **30 Sep/sep 1998 (30.09.1998)** IT

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS AND DEVICE FOR THE EXTRUSION OF POLYMERS WITH HIGH PERCENTAGE OF INERT MATERIALS
• METHODE D'EXTRUSION DE POLYMERES A FORT POURCENTAGE DE MATERIAUX INERTES ET APPAREIL A CET EFFET

(71) **TESSA TRADING LTD.** [IE/GB]; 66 Wigmore Street, London W1H 0HQ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZAIDI, Hajer, Bent–Mahfoudh** [TN/IT]; Via Ponte Albano, 15, I–40037 Sasso Marconi (IT).

(74) **PORSIA, Attilio** et al. / etc.; Succ. Ing. Fischetti & Weber, Via Caffaro, 3/2, I–16124 Genova (IT).

(81) AU BR CA CZ HR HU IL MX PL RU TR US; 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] **B29C 47/70, 47/06 // B29K 27:06, 105:04, B29L 23:00**

(11) **WO 00/18562** (13) A1

(21) PCT/US99/22136

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 09/160,423 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND APPARATUS FOR SIMULTANEOUS EXTRUSION OF TWO TRIPLE–WALL PIPES
• PROCEDE ET DISPOSITIF PERMETTANT D'EXTRUDER SIMULTANEMENT DEUX TUYAUX A TRIPLE PAROI

(71) **SILVER LINE PLASTICS CORPORATION** [US/US]; 900 Riverside Drive, Asheville, NC 28804 (US).

(72) **SILVER, Charles, J.**; 188 Mt. Carmel Road, Asheville, NC 28806 (US).

(74) **SCHNEDLER, Steven, C.** et al. / etc.; Carter & Schnedler, P.A., 56 Central Avenue, Suite 103, P.O. Box 2985, Asheville, NC 28801 (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 MD MG MK MN MW MX NO NZ PL PT RO RU SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; 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 : *(c)*

(51)[6] **B29C 53/68, 53/78, 65/40, F16L 9/16, 11/12**

(11) **WO 00/18563** (13) A1

(21) PCT/US99/22766

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/163,649 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PIPE EXTRUSION PROCESS AND APPARATUS
• PROCEDE D'EXTRUSION ET APPAREIL CORRESPONDANT

(71, 72) **LEVINGSTON, Jerry, C.** [US/US]; Route 2, Box 342, Salem, MO 65560 (US).

(74) **JAMES, Kurt, F.** et al. / etc.; Senniger, Powers, Leavitt & Roedel, One Metropolitan Square, 16th floor, St. Louis, MO 63102 (US).

(81) CA MX.

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(51)[6] **B29C 55/12, C08J 5/18, G11B 5/704 // B29K 67:00, B29L 7:00**

(11) **WO 00/18564** (13) A1

(21) PCT/JP99/05301

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) ja (26) ja

(30) 10/277142 **30 Sep/sep 1998** JP **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HIGHLY SIZE–STABILIZED POLYMER FILM AND MAGNETIC RECORDING MEDIUM USING THE FILM
• FILM POLYMERE A STABILITE DIMENSIONNELLE ELEVEE ET SUPPORT D'ENREGISTREMENT MAGNETIQUE DANS LEQUEL LEDIT FILM EST UTILISE

(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) **TSUKUDA, Akimitsu** [JP/JP]; A1–29, 16, Jizoujiminamimachi, Takehana, Yamashina–ku, Kyoto–shi, Kyoto 607–8088 (JP). **IEKI, Toshiya** [JP/JP]; A1–47, 16, Jizoujiminamimachi, Takehana, Yamashina–ku, Kyoto–shi, Kyoto 607–8088 (JP). **NAKAJIMA, Yuuichi** [JP/JP]; C–347, Hokuen–ryo, 13–1, Sonoyama 2–chome, Otsu–shi, Shiga 520–0842 (JP).

(81) CA CN JP KR US; 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] **B29C 63/00, B27D 5/00**

(11) **WO 00/18565** (13) A1

(21) PCT/EP99/06919

(22) **18 Sep/sep 1999 (18.09.1999)**

(25) de (26) de

(30) 198 44 574.1 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PRODUCTION OF A COATED PLATE ELEMENT
• FABRICATION D'UN ELEMENT SOUS FORME DE PLAQUE, DOTE D'UN REVETEMENT

(71) **DORUS KLEBETECHNIK GMBH & CO. KG** [DE/DE]; Kirchheimer Strasse 7 – 9, D–73441 Bopfingen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHOLZ, Konrad** [DE/DE]; Lange Strasse 26, D–01705 Pesterwitz (DE).

(74) **MATHES, Nikolaus**; Henkel Kommanditgesellschaft auf Aktien, Patente (VTP), D–40191 Düsseldorf (DE).

(81) PL US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[7] **B29C 70/30**

(11) **WO 00/18566** (13) A1

(21) PCT/JP99/05395

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) ja (26) ja

(30) 10/277641 **30 Sep/sep 1998** JP **(30.09.1998)**

(30) 10/278408 **30 Sep/sep 1998** JP **(30.09.1998)**

(30) 11/62872 **10 Mar/mar 1999** JP **(10.03.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HOLLOW STRUCTURE OF FIBER–REINFORCED RESIN AND METHOD OF MANUFACTURING THE SAME
• STRUCTURE CREUSE EN RESINE RENFORCEE PAR DES FIBRES ET SON PROCEDE DE FABRICATION

(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) **SEKIDO, Toshihide** [JP/JP]; 8–40–704, Nagara 2–chome, Otsu–shi, Shiga 520–0046 (JP). **KITANO, Akihiko** [JP/JP]; 3–3–2, Yunoyama, Matsuyama–shi, Ehime 791–0121 (JP). **YOSHIOKA, Kenichi** [JP/JP]; 3–8–9, Yunoyama, Matsuyama–shi, Ehime 791–0121 (JP).

(81) AU CA JP KR US; 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] **B29D 11/00, B29C 31/00, 33/20, 43/04**

(11) **WO 00/18567** (13) A1

(21) PCT/EP99/07196

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/164,507 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LENS MOLD CARRIERS
• SUPPORTS DE MOULES DE LENTILLES

(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) **POPPS, John, Robert** [US/US]; 717 Oak Ridge, Auburn, GA 30203 (US).

(74) **BECKER, Konrad**; Novartis AG, Corporate Intellectual Property, Patent & Trademark Dept., CH–4002 Basel (CH).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR 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 TZ UA UG US UZ VN YU ZA ZW; 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] **B29D 11/00**

(11) **WO 00/18568** (13) A1

(21) PCT/EP99/07197

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/163,957 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • APPARATUS FOR CLEANING OPHTHALMIC COMPONENTS
• APPAREIL DE NETTOYAGE DE COMPOSANTS OPHTALMIQUES

(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) **RUSSELL, Todd, Aldridge** [US/US]; 280 Chandler Pond Road, Lawrenceville, GA 30043 (US).

(74) **BECKER, Konrad**; Novartis AG, Corporate Intellectual Property, Patent & Trademark Department, CH–4002 Basel (CH).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR 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 TZ UA UG US UZ VN YU ZA ZW; 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] **B29D 11/00**

(11) **WO 00/18569** (13) A2

(21) PCT/US99/22176

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/161,250 **25 Sep/sep 1998 (25.09.1998)** US

(30) 09/161,258 **25 Sep/sep 1998 (25.09.1998)** US

(30) 09/160,393 **25 Sep/sep 1998 (25.09.1998)** US

(30) 09/161,257 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PLASTIC LENS SYSTEMS, COMPOSITIONS AND METHODS
• SYSTEMES, COMPOSITIONS ET PROCEDES DESTINES A DES VERRES EN PLASTIQUE

(71) **Q2100, INC.** [US/US]; 10100 Bluegrass Parkway, Louisville, KY 40299 (US).

(72) **BUAZZA, Omar, M.**; 503 Palisades Court, Louisville, KY 40223 (US). **LUETKE, Stephen, C.**; 1315 Everett Avenue, Louisville, KY 40204 (US). **LATTIS, Matthew, C.**; 5321 Vista John Drive, Louisville, KY 40219 (US). **JOEL, Larry, H.**; 8910 Cromwell Hill, Louisville, KY 40222 (US). **POWERS, Galen, R.**; 4405 Saratoga Hill Road, Louisville, KY 40299 (US).

(74) **MEYERTONS, Eric, B.**; Conley, Rose & Tayon, P.C., P.O. Box 398, Austin, TX 78767–0398 (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 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; 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)[6] **B30B 3/02, B23P 19/04**

(11) **WO 00/18570** (13) A1

(21) PCT/US99/21817

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) en (26) en

(30) 09/160,480 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TRACKLESS GANTRY PRESS SYSTEM
• SYSTEME DE PRESSE A PORTIQUE SANS RAIL

(71) **MITEK HOLDINGS, INC.** [US/US]; Suite 1704, 300 Delaware Avenue, Wilmington, DE 19801–1612 (US).

(72) **LE POIRE, Robert, A.**; 1580 Wildhorse Parkway Drive, Chesterfield, MO 63005 (US). **ANDRADE, Jose, A.**; 3834 Sirah, St. Charles, MO 63304 (US). **MARTIN, Murray**; RR #2, Alma, Ontario NOB 1A0 (CA).

(74) **BEULICK, John, S.** et al. / etc.; Armstrong Teasdale LLP, Suite 2600, One Metropolitan Square, St. Louis, MO 63102–2740 (US).

(81) DK FI NO.

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(51)[6] **B30B 9/32, G07F 7/06**

(11) **WO 00/18571** (13) A1

(21) PCT/SE98/01716

(22) **30 Sep/sep 1998 (30.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • REFUND CONTAINER APPARATUS
• APPAREIL POUR RECIPIENTS CONSIGNES

(71) **HALLDÉN, Kerstin** [SE/SE]; Postlåda 4112, S–730 30 Kolsva (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HALLDÉN, Björn** [SE/SE]; Pl 4111, S–730 30 Kolsva (SE).

(74) **ÅKERMAN, Mårten, L.** et al. / etc.; Albihns Patentbyrå Malmö AB, P.O. Box 4289, S–203 14 Malmö (SE).

(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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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] **B30B 11/24, 15/00, C10L 5/44**

(11) **WO 00/18572** (13) A1

(21) PCT/AT99/00232

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) de (26) de

(30) A 1620/98 **29 Sep/sep 1998 (29.09.1998)** AT

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE FOR CONTINUOUSLY PRODUCING COMBUSTIBLES IN THE FORM OF PELLETS
• DISPOSITIF POUR PRODUIRE EN CONTINU UN MATERIAU COMBUSTIBLE EN MORCEAUX

(71) **PURKERT METALL & FORM GMBH** [AT/AT]; Perlenstrasse 10–12, A–4470 Enns (AT).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **TESSMER, Gero** [AT/AT]; Schmiedegasse 16, A–4040 Linz (AT).

(72, 75) **PRACH, Rudolf** [AT/AT]; Am Steinhügel 31, A–4271 St. Oswald (AT).

(74) **BABELUK, Michael**; Mariahilfer Gürtel 39/17, A–1150 Wien (AT).

(81) AE AL AM AT (Utility model / modèle d'utilité) 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 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; 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 5/26, F41H 5/04**

(11) **WO 00/18573** (13) A1

(21) PCT/US99/17938

(22) **10 Aug/août 1999 (10.08.1999)**

(25) en (26) en

(30) 09/162,591 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HYBRID PROTECTIVE COMPOSITE
• COMPOSITE PROTECTEUR HYBRIDE

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) **CHIOU, Minshon, J.**; 11803 Glendevon Road, Chesterfield, VA 23838 (US).

(74) **SHAFER, Robert, J.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) AU BR CA CN IL IN JP KR RU; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **B32B 5/26, 17/02**

(11) **WO 00/18574** (13) A1

(21) PCT/US99/22641

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/164,004 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • COMPOSITE ROADWAY FABRIC
• TISSU COMPOSITE POUR LA CONSTRUCTION DES ROUTES

(71) **BAY MILLS LIMITED** [CA/CA]; 39 Seapark Drive, P.O. Box 728, St. Catharines, Ontario L2R 6Y3 (CA). **CERTAINTEED CORPORATION** [US/US]; 750 East Swedesford Road, Valley Forge, PA 19482 (US).

(72) **KITTSON, Mark**; 7449 Lakewood Crescent, Niagara Falls, Ontario L2G 7T7 (CA).

(74) **KOFFS, Steven, E.** et al. / etc.; Duane, Morris & Heckscher LLP, One Liberty Place, Philadelphia, PA 19103–7396 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN 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 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; 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)[6] **B32B 7/02, 9/04, 27/00, 27/06, 27/08, B42D 15/00**

(11) **WO 00/18575** (13) A1

(21) PCT/US99/21738

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 09/162,219 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CORE PRINTED SECURITY DOCUMENTS
• DOCUMENTS DE SECURITE A COUCHE CENTRALE IMPRIMEE

(71) **MOBIL OIL CORPORATION** [US/US]; 3225 Gallows Road, Fairfax, VA 22037 (US).

(72) **BENOIT, Gordon, Leon**; 49 Latchmere Drive, Victor, NY 14564 (US).

(74) **CUOMO, Lori, F.** et al. / etc.; ExxonMobil Chemical Company, P.O. Box 2149, Baytown, TX 77522–2149 (US).

(81) AU BR CA CN ID JP KR SG VN; 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] **B32B 15/04, 31/20, B30B 15/22 // E04C 2/292**

(11) **WO 00/18576** (13) A1

(21) PCT/FI99/00808

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) fi (26) en

(30) 982123 **30 Sep/sep 1998** FI **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LAMINATING APPARATUS
• MACHINE A STRATIFIER

(71) **PAROC GROUP OY AB** [FI/FI]; Neilikkatie 17, FIN–01300 Vantaa (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILLMAN, Tarmo** [FI/FI]; Laskuttajankatu 16, FIN–20780 Kaarina (FI). **HESELIUS, Lars–Henrik** [FI/FI]; Kullasgränd, FIN–21600 Pargas (FI). **BRUNILA, Esko** [FI/FI]; Pihlajatie 13, FIN–21600 Parainen (FI).

(74) **OY JALO ANT–WUORINEN AB**; Iso Roobertinkatu 4–6 A, FIN–00120 Helsinki (FI).

(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 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; 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 27/18, 29/06, D21H 27/26**

(11) **WO 00/18577** (13) A1

(21) PCT/US99/22526

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 163,039 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ANTIBIOTIC HIGH–PRESSURE LAMINATES
• STRATIFIE HAUTE PRESSION ANTIBIOTIQUE

(71) **HEALTHSHIELD TECHNOLOGIES LLC** [US/US]; Suite 201, 67 Prospect Avenue, West Hartford, CT 06106 (US).

(72) **BARRY, John, E.**; 18 Drake Lane, Derry, NH 03038 (US). **TROGOLO, Jeffrey, A.**; 228 Commonwealth Avenue, Boston, MA 02116 (US).

(74) **TODARO, John, C.** et al. / etc.; Darby & Darby P.C., 805 Third Avenue, New York, NY 10022–7513 (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 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; 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 : *(c)*

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(51)[6] **B32B 27/32, B29C 47/06, C08L 23/04**

(11) **WO 00/18578** (13) A1

(21) PCT/JP99/05393

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) ja (26) ja

(30) 10/279200 **30 Sep/sep 1998** JP **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LAMINATE AND METHOD FOR PRODUCING THE SAME
• STRATIFIE ET SON PROCEDE DE PRODUCTION

(71) **FUJI PHOTO FILM CO., LTD.** [JP/JP]; 210, Nakanuma, Minami–ashigara–shi, Kanagawa 250–0123 (JP).
(only for / seulement pour AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE)

(71) **JAPAN POLYOLEFINS CO., LTD.** [JP/JP]; 26–5, Toranomon 1–chome, Minato–ku, Tokyo 105–0001 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OZAKI, Kazuo** [JP/JP]; Fuji Photo Film Co., Ltd., 200, Onakazato, Fujinomiya–shi, Shizuoka 418–8666 (JP). **KEGASAWA, Tadahiro** [JP/JP]; Fuji Photo Film Co., Ltd., 200, Onakazato, Fujinomiya–shi, Shizuoka 418–8666 (JP). **KATSUMOTO, Ryuichi** [JP/JP]; Fuji Photo Film Co., Ltd., 200, Onakazato, Fujinomiya–shi, Shizuoka 418–8666 (JP). **ARAKI, Takumi** [JP/JP]; Japan Polyolefins Co., Ltd., Technical Headquarters, Research and Development Center, 3–2, Yako 2–chome, Kawasaki–ku, Kawasaki–shi, Kanagawa 210–8548 (JP). **TAKA, Toshio** [JP/JP]; Japan Polyolefins Co., Ltd., Technical Headquarters, Research & Development Center, 3–2, Yako 2–chome, Kawasaki–ku, Kawasaki–shi, Kanagawa 210–8548 (JP).

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

(81) CN KR US; 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] **B32B 27/32, B65D 65/40**

(11) **WO 00/18579** (13) A1

(21) PCT/US99/21826

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) en (26) en

(30) 09/161,663 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • REGIO–REGULAR FUNCTIONALIZED POLYMERIC PACKAGING MATERIAL
• MATERIAU D'EMBALLAGE POLYMERIQUE FONCTIONNALISE ET REGIO–REGULIER

(71) **CRYOVAC, INC.** [US/US]; 100 Rogers Bridge Road, P.O. Box 464, Duncan, SC 29334 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BANSLEBEN, Donald, A.** [US/US]; 10616 Harpoon Hill, Columbia, MD 21044 (US). **HUYNH–TRAN, Truc–Chi** [US/US]; 4203 Falconwood Place, Burtonsville, MD 20866 (US). **BLANSKI, Rusty, L.** [US/US]; 43340 16th St., West, No. 14, Lancaster, CA 93534 (US). **HUGHES, Paul, A.** [US/US]; 202 Meeting Place, Greenville, SC 29615 (US). **ROBERTS, William, P.** [US/US]; 217 Woodridge Drive, Spartanburg, SC 29301 (US). **GRUBBS, Robert, H.** [US/US]; 1700 Spruce Street, South Pasada, CA 91030 (US). **HATFIELD, Galen, R.** [US/US]; 5108 Crestfield Court, Ellicott City, MD 21043 (US).

(74) **TROFFKIN, Howard, J.** et al. / etc.; Cryovac, Inc., 100 Rogers Bridge Road, P.O. Box 464, Duncan, SC 29334 (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; 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 27/36, B65D 65/40**

(11) **WO 00/18580** (13) A1

(21) PCT/US99/22716

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/164,109 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • POLYESTER TRAY PACKAGE WITH MULTILAYER LIDDING FILM HAVING GLYCOL–MODIFIED COPOLYESTER SEALANT LAYER
• BARQUETTE EN POLYESTER MUNIE D'UN FILM D'OPERCULAGE MULTICOUCHES COMPORTANT UNE COUCHE DE SCELLEMENT EN COPOLYESTER MODIFIE EN GLYCOL

(71) **CRYOVAC, INC.** [US/US]; 100 Rogers Bridge Road, P.O. Box 464, Duncan, SC 29334 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MUELLER, Walter, B.** [US/US]; 280 Bertha Burns Road, Inman, SC 29349 (US).

(74) **QUATT, Mark, B.** et al. / etc.; Cryovac, Inc., 100 Rogers Bridge Road, P.O. Box 464, Duncan, SC 29334 (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; 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)[6] **B32B 35/00**

(11) **WO 00/18581** (13) A1

(21) PCT/US99/20873

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) en (26) en

(30) 09/160,051 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A METHOD AND APPARATUS FOR SEPARATING AND RECLAIMING TRIM FROM A LAMINATION MACHINE
• PROCEDE ET APPAREIL DE SEPARATION ET DE RECUPERATION DES EBARBURES PROVENANT D'UNE MACHINE A STRATIFIER

(71) **MITSUBISHI CHEMICAL AMERICA, INC.** [US/US]; 401 Volvo Parkway, Chesapeake, VA 23320 (US).

(72) **JONES, Michael, Brandt**; 821 Carolina Avenue, Virginia Beach, VA 23451 (US).

(74) **WEIHROUCH, Steven, P.** et al. / etc.; Oblon, Spivak, McClelland, Maier & Neustadt, P.C., Crystal Square Fire, 4th floor, Suite 400, 1755 Jefferson Davis Highway, Arlington, VA 22202 (US).

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

Published / Publiée : *(c)*

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(51)[6] **B41J 29/38, G06F 3/12**

(11) **WO 00/18582** (13) A1

(21) PCT/JP99/04555

(22) **23 Aug/août 1999 (23.08.1999)**

(25) ja (26) ja

(30) 10/276237 **29 Sep/sep 1998** JP **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PRINTER, DATA PROCESSOR, DATA TRANSMITTER, PRINTING CONTROLLER, PRINTING SYSTEM, RECORDED MEDIUM, AND PRINTING CONTROL METHOD
• IMPRIMANTE, PROCESSEUR DE DONNEES, EMETTEUR DE DONNEES, ORGANE DE COMMANDE D'IMPRESSION, SYSTEME D'IMPRESSION, SUPPORT ENREGISTRE ET PROCEDE DE COMMANDE D'IMPRESSION

(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) **FUJIWARA, Takaji** [JP/JP]; Fujitsu Peripherals Limited, 35 Saho, Yashiro–cho, Kato–gun, Hyogo 673–1447 (JP). **TERAMOTO, Hiroyo** [JP/JP]; Fujitsu Peripherals Limited, 35 Saho, Yashiro–cho, Kato–gun, Hyogo 673–1447 (JP). **FUJIWARA, Nobuko** [JP/JP]; 1860 Kiyotani–cho, Ono–shi, Hyogo 675–1317 (JP). **NAGANO, Noriko** [JP/JP]; Fujitsu Peripherals Limited, 35 Saho, Yashiro–cho, Kato–gun, Hyogo 673–1447 (JP). **SEKINE, Koichi** [JP/JP]; Fujitsu Peripherals Limited, 35 Saho, Yashiro–cho, Kato–gun, Hyogo 673–1447 (JP).

(74) **KOHNO, Takao**; Kohno Patent Office, 4–3, Tsuriganecho 2–chome, Chuo–ku, Osaka–shi, Osaka 540–0035 (JP).

(81) US; 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] **B42D 1/06, B42B 4/00, B42C 19/04, 19/02, B41F 17/02**

(11) **WO 00/18583** (13) A1

(21) PCT/US99/23078

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/162,844 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND APPARATUS FOR MAKING BOOKLETS
• PROCEDE ET APPAREIL PERMETTANT DE REALISER DES LIVRETS OU DES BROCHURES

(63) US 09/162,844 (CIP)
29 Sep/sep 1998 (29.09.1998)

(71) **HEWLETT–PACKARD COMPANY** [US/US]; 3000 Hanover Street, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TROVINGER, Steven, W.** [US/US]; 1099 Parma Way, Los Altos, CA 94028 (US). **ALLEN, Ross, R.** [US/US]; 408 Hainline Drive, Belmont, CA 94002 (US). **VAALER, Erik, G.** [US/US]; 707 Leahy Street, 216–B, Redwood City, CA 94061 (US).

(74) **MAKER, Edward, II**; Hewlett–Packard Company, Legal Dept., 20BN, 3000 Hanover Street, Palo Alto, CA 94304 (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; 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] **B42D 15/00, A63F 3/06**

(11) **WO 00/18584** (13) A1

(21) PCT/FR99/02258

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) fr (26) fr

(30) 98/12098 **28 Sep/sep 1998 (28.09.1998)** FR

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR PROTECTING PRINTED DATA ON A PARTICULAR DOCUMENT, AND RESULTING PROTECTED DOCUMENT
• PROCEDE POUR PROTEGER DES INFORMATIONS IMPRIMEES SUR UN DOCUMENT QUELCONQUE, ET DOCUMENT AINSI PROTEGE

(71, 72) **LONDNER, Willy** [FR/FR]; 220, rue du Faubourg Saint–Martin, F–75010 Paris (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 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; 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] **B42F**

(11) **WO 00/18585** (13) A2

(21) PCT/IB99/01633

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 9820995.0 **28 Sep/sep 1998 (28.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BINDER
• CLASSEUR

(71) **WORLD WIDE STATIONERY MANUFACTURING CO., LTD.** [–/CN]; Koon Wah Mirrors FTY., 16th floor, 3rd Ind. Building, 5–9 Ha Hing Road, Kwai Chung, New Territories, Hong Kong (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHEUNG, Kung** [CN/CN]; Room No. 304, Unit 2, 102 Ya Hong Street, An Qing City an Hui Province 246003 (CN).

(81) CA CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **B43K 1/02, 5/00**

(11) **WO 00/18586** (13) A1

(21) PCT/CN99/00078

(22) **8 Jun/juin 1999 (08.06.1999)**

(25) zh (26) zh

(30) 98 1 21921.7 **30 Sep/sep 1998 (30.09.1998)** CN

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A FOUNTAIN PEN WITH ELASTIC UNIT
• STYLO A ENCRE, A UNITE ELASTIQUE

(71, 72) **WANG, Liang** [CN/CN]; Room 203, No.2, Lane 8, Qufu Xi Lu, Shanghai 200070 (CN).

(74) **SHANGHAI PATENT & TRADEMARK LAW OFFICE**; 435 Guiping Road, Shanghai 200233 (CN).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **B43K 24/08, 24/16**

(11) **WO 00/18587** (13) A1

(21) PCT/AT99/00231

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) de (26) de

(30) A 1610/98 **29 Sep/sep 1998 (29.09.1998)** AT

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BALL POINT PEN
• STYLO A BILLE

(71) **TRODAT GMBH** [AT/AT]; Linzer Strasse 156, A–4600 Wels (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HIRSCHMANN, Michael** [AT/AT]; Linke Wienzeile 156, A–1060 Wien (AT).

(74) **HOLZER, Walter** et al. / etc.; Börsegebäude, Schottenring 16, A–1010 Wien (AT).

(81) CN IN JP SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **B43L 19/00**

(11) **WO 00/18588** (13) A1

(21) PCT/JP99/05225

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) ja (26) ja

(30) 10/270409 **25 Sep/sep 1998 (25.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • COMPOSITION FOR ERASER RUBBER
• COMPOSITION DE GOMME A EFFACER

(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) **SAKAMAKI, Noboru** [JP/JP]; Mitsui Chemicals, Inc., 3, Chigusakaigan, Ichihara–shi, Chiba 299–0108 (JP). **KOBAYASHI, Kyoko** [JP/JP]; Mitsui Chemicals, Inc., 3, Chigusakaigan, Ichihara–shi, Chiba 299–0108 (JP). **UCHIYAMA, Akira** [JP/JP]; Mitsui Chemicals, Inc., 3, Chigusakaigan, Ichihara–shi, Chiba 299–0108 (JP).

(74) **HIRAKI, Yusuke**; Toranomon No. 5 Mori Building, 3rd floor, 17–1, Toranomon 1–chome, Minato–ku, Tokyo 105–0001 (JP) et al. / etc.

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **B43M 11/02**

(11) **WO 00/18589** (13) A1

(21) PCT/US99/22807

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/165,179 **1 Oct/oct 1998 (01.10.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE FOR DISPENSING PARTICULATE MATERIAL
• DISTRIBUTEUR DE MATERIAU PARTICULAIRE

(71) **EVANS ENTERPRISES** [US/US]; 5461 Hanna Drive, Santa Barbara, CA 93111 (US).

(72) **EVANS, Jonathan, T.**; 5461 Hanna Drive, Santa Barbara, CA 93111 (US). **EVANS, Barbara**; 5461 Hanna Drive, Santa Barbara, CA 93111 (US).

(74) **BERMAN, Rod, S.** et al. / etc.; Jeffer, Mangels, Butler & Marmaro LLP, 2121 Avenue of the Stars, 10th floor, Los Angeles, CA 90067 (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 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; 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] **B44C 5/00, 3/00, C30B 35/00**

(11) **WO 00/18590** (13) A1

(21) PCT/ES99/00300

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) es (26) es

(30) U 9802448 **30 Sep/sep 1998 (30.09.1998)** ES

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ARTICLE HAVING EFFLORESCENT PROPERTIES, CONFIGURED LIKE A CARD, A GREETING CARD OR THE LIKE
• ARTICLE DOTE DE PROPRIETES EFFLORESCENTES DE PREFERENCE SOUS FORME DE CARTE, DE CARTE DE VOEUX OU ANALOGUE

(71, 72) **SANCHEZ RODRIGUEZ, Fermin** [ES/ES]; Calle Seseña, 34, Local 2, E–28024 Madrid (ES).

(74) **GONZALEZ GONZALEZ, Pablo**; Acebes García y Asociados, s.l., Calle Trueba y Fernández, 5–2ºC, E–28016 Madrid (ES).

(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.

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(51)[6] **B44F 1/12, B32B 5/16, 31/12, B42D 15/10, 101/00, 209/00, 211/00, 217/00, 223/00, 225/00**

(11) **WO 00/18591** (13) A1

(21) PCT/AU99/00830

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) PP 6244 **29 Sep/sep 1998 (29.09.1998)** AU

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SECURITY DOCUMENT INCLUDING A NANOPARTICLE–BASED AUTHENTICATION DEVICE
• DOCUMENT DE SECURITE COMPORTANT UN SYSTEME D'AUTHENTIFICATION UTILISANT DES NANOPARTICULES

(71) **SECURENCY PTY LTD.** [AU/AU]; Hume Highway, Craigieburn, VIC 3064 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZIENTEK, Paul** [AU/AU]; 546 Station Street, North Carlton, VIC 3054 (AU). **WILSON, Gerard, Joseph** [IE/AU]; Unit 13/79 Oxford Street, Collingwood, VIC 3066 (AU).

(74) **CARTER SMITH & BEADLE**; Quantas House, 2 Railway Parade, Camberwell, VIC 3124 (AU).

(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 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; 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)[6] **B60B 9/26**

(11) **WO 00/18592** (13) A1

(21) PCT/FR98/02084

(22) **29 Sep/sep 1998 (29.09.1998)**

(25) fr (26) fr

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEFORMABLE NON–PNEUMATIC TYRE
• ROUE DEFORMABLE NON PNEUMATIQUE

(71) **COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN – MICHELIN & CIE** [FR/FR]; 12, cours Sablon, F–63040 Clermont–Ferrand Cedex 09 (FR).

(72) **HOTTEBART, François**; 32, chemin de la Pauze, F–63130 Royat (FR).

(74) **DEQUIRE, Philippe**; Michelin & Cie, Service SGD/LG/PI–LAD, F–63040 Clermont–Ferrand Cedex 09 (FR).

(81) AU BR CA CN HU JP MX PL RO RU UA; 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] **B60B 27/00**

(11) **WO 00/18593** (13) A1

(21) PCT/US99/20575

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) en (26) en

(30) 09/163,519 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AXLE FILTER FOR INTERNALLY VENTED WHEEL ASSEMBLY
• FILTRE DE MOYEU DANS UN ENSEMBLE ROUE VENTILE INTERIEUREMENT

(71) **THE BOLER COMPANY** [US/US]; Suite 1010, 500 Park Boulevard, Itasca, IL 60143–1285 (US).

(72) **JONES, Ronald, Lee, II**; 3638 Stratavon Drive N.W., North Canton, OH 44720 (US). **WHITE, Jay, Dudley**; 5873 Old Bridge Avenue, Massillon, OH 44646 (US). **YUREK, Theodore, Frank**; 2501 Belleflower Avenue, Alliance, OH 44601 (US).

(74) **DURESKA, David, P.**; Buckingham, Doolittle & Burroughs, LLP, 4518 Fulton Drive N.W., P.O. Box 35548, Canton, OH 44735–5548 (US).

(81) AU BR CA MX NZ.

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(51)[6] **B60D 1/62, B60Q 1/00, G08G 1/16**

(11) **WO 00/18594** (13) A1

(21) PCT/US99/21270

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 60/102,313 **29 Sep/sep 1998 (29.09.1998)** US

(30) 09/401,441 **22 Sep/sep 1999 (22.09.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SYSTEM WITH LIGHT DISPLAY AND DATA RECORDER FOR MONITORING VEHICLE IN RELATION TO ADJACENT VEHICLE
• SYSTEME A PANNEAU LUMINEUX ET ENREGISTREMENT DE DONNEES SURVEILLANT UN VEHICULE DANS SES RAPPORTS AVEC UN VEHICULE VOISIN

(71, 72) **PIGNATO, Gary, D.** [US/US]; 117 W. Brantwood Avenue, Elk Grove, IL 60007 (US).

(74) **KUELPER, Jean, Dudek** et al. / etc.; McAndrews, Held & Malloy, Ltd., Suite 3400, 500 W Madison Street, Chicago, IL 60661 (US).

(81) AU CA JP; 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] **B60G 17/015, 21/055**

(11) **WO 00/18595** (13) A1

(21) PCT/GB99/03061

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 9821062.8 **29 Sep/sep 1998 (29.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • VEHICLE ROLL CONTROL

• REGULATION DU ROULIS D'UN VEHICULE

(71) **ROVER GROUP LIMITED** [GB/GB]; International Headquarters, Warwick Technology Park, Warwick CV34 6RG (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BURDOCK, William** [GB/GB]; 106 East View Road, Sutton Coldfield, West Midlands B72 1JA (GB).

(74) **BURRAGE, David, John** et al. / etc.; Rover Group Limited, Patent Dept., Gaydon Test Centre, Banbury Road, Lighthorne, Warwick CV35 0RG (GB).

(81) AU DE GB JP KR US ZA; 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] **B60G 17/015**

(11) **WO 00/18596** (13) A1

(21) PCT/GB99/03125

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) en (26) en

(30) 9821064.4 **29 Sep/sep 1998 (29.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • VEHICLE ROLL CONTROL
• CONTROLE EN ROULIS POUR VEHICULE

(71) **ROVER GROUP LIMITED** [GB/GB]; International Headquarters, Warwick Technology Park, Warwick CV34 6RG (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BURDOCK, William** [GB/GB]; 106 East View Road, Sutton Coldfield, West Midlands B72 1JA (GB). **CLARE, David, Andrew** [GB/GB]; 22 Timms Road, Banbury, Oxfordshire OX16 9DL (GB).

(74) **BURRAGE, David, John** et al. / etc.; Rover Group Limited, Patent Dept., Gaydon Test Centre, Banbury Road, Lighthorne, Warwick CV35 0RG (GB).

(81) GB JP US; 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] **B60G 17/033, 21/073**

(11) **WO 00/18597** (13) A1

(21) PCT/EP99/07073

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) de (26) de

(30) 198 44 493.1 **29 Sep/sep 1998 (29.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HYDROPNEUMATIC SUSPENSION SYSTEM
• SYSTEME DE SUSPENSION HYDROPNEUMATIQUE

(71) **ZF FRIEDRICHSHAFEN AG** [DE/DE]; D–88038 Friedrichshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ELSER, Dieter** [DE/DE]; Jägerstrasse 10, D–73547 Essingen (DE). **BRAUN, Andreas** [DE/DE]; Heubacher Strasse 70, D–73529 Schwäbisch Gmünd (DE). **HEINTSCHEL, Manfred** [DE/DE]; Graneggstrasse 13, D–73525 Schwäbisch Gmünd (DE). **ZEITZ, Wolfgang** [DE/DE]; Sandweg 37, D–73527 Schwäbisch Gmünd (DE).

(74) **ZF FRIEDRICHSHAFEN AG**; D–88038 Friedrichshafen (DE).

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

Published / Publiée : *(c)*

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(51)[7] **B60H 1/00, B60N 2/44**

(11) **WO 00/18598** (13) A1

(21) PCT/EP99/06400

(22) **1 Sep/sep 1999 (01.09.1999)**

(25) de (26) de

(30) 198 44 514.8 **28 Sep/sep 1998 (28.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND HEATING DEVICE FOR HEATING DEVICES IN A MOTOR VEHICLE
• PROCEDE ET DISPOSITIF DE CHAUFFAGE POUR CHAUFFER DES UNITES DANS UN VEHICULE AUTOMOBILE

(71) **VOLKSWAGEN AKTIENGESELLSCHAFT** [DE/DE]; D–38436 Wolfsburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DIERKER, Uwe** [DE/DE]; Potsdamer Ring 1, D–38550 Isenbüttel (DE). **MICHELS, Karsten** [DE/DE]; Hans–Porner–Strasse 16, D–38126 Braunschweig (DE).

(74) **VOLKSWAGEN AKTIENGESELLSCHAFT**; Brieffach 1770, D–38436 Wolfsburg (DE).

(81) CN IN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **B60H 3/00, G01N 27/00**

(11) **WO 00/18599** (13) A1

(21) PCT/JP99/03202

(22) **16 Jun/juin 1999 (16.06.1999)**

(25) ja (26) ja

(30) 10/272986 **28 Sep/sep 1998 (28.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • GAS DETECTOR FOR VEHICLE
• DETECTEUR DE GAZ POUR VEHICULES

(71) **ZEXEL CORPORATION** [JP/JP]; 6–7, Shibuya 3–chome, Shibuya–ku, Tokyo 150–8360 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GUNJI, Yoshihide** [JP/JP]; Zexel Corporation, Kounan–works, 39, Aza Higashihara, Oaza Sendai, Kounan–machi, Oosato–gun, Saitama–ken 360–0193 (JP).

(74) **KIUCHI, Osamu**; Shiba KS Building, 4th floor, 7–11, Hamamatsucho 2–chome, Minato–ku, Tokyo 105–0013 (JP).

(81) DE KR US.

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(51)[7] **B60J 7/00**

(11) **WO 00/18600** (13) A1

(21) PCT/NL99/00599

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) nl (26) en

(30) 1010199 **28 Sep/sep 1998 (28.09.1998)** NL

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • VEHICLE HAVING AN OPEN ROOF CONSTRUCTION; AND SUCH OPEN ROOF CONSTRUCTION
• VEHICULE PRESENTANT UNE CONSTRUCTION DE TOIT OUVRANT ET CONSTRUCTION DE TOIT OUVRANT

(71) **INALFA INDUSTRIES B.V.** [NL/NL]; Maasheseweg 83, NL–5804 AB Venray (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NABUURS, Martinus, Wilhelmus, Maria** [NL/NL]; Trantert 66, NL–5825 JT Overloon (NL).

(74) **DE VRIES & METMAN B.V.**; Overschiestraat 180, NL–1062 XK Amsterdam (NL).

(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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **B60J 10/00, B23P 19/04**

(11) **WO 00/18601** (13) A1

(21) PCT/GB99/02411

(22) **23 Jul/juil 1999 (23.07.1999)**

(25) en (26) en

(30) 9820965.3 **25 Sep/sep 1998** GB **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • STRIP FITTING TOOLS AND METHODS
• OUTILS ET PROCEDES PERMETTANT DE FIXER UNE BANDE

(71) **DRAFTEX INDUSTRIES LIMITED** [GB/GB]; 7 Castle Street, Edinburgh EH2 3AP (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KÜPPERS, Jurgen** [DE/DE]; Stiegstrasse 100, D–41379 Brüggen (DE). **KRAWCZYK, Klaus** [DE/DE]; Quirinusstrasse 27, D–41749 Viersen (DE). **STREHL, Ewald** [DE/DE]; Hehnerstrasse 15, D–41069 Mönchengladbach (DE). **REUVERS, Markus** [DE/DE]; Orbroicherstrasse 45, D–47906 Kempen (DE).

(74) **MATHISEN, MACARA & CO.**; The Coach House, 6–8 Swakeleys Road, Ickenham, Uxbridge UB10 8BZ (GB).

(81) BR CN CZ JP US; 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] **B60J 10/04**

(11) **WO 00/18602** (13) A1

(21) PCT/EP99/07186

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) de (26) de

(30) 198 44 712.4 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SEAL CONFIGURATION FOR A MOVABLE WINDOW PANE
• GARNITURE D'ETANCHEITE POUR VITRE MOBILE

(71) **METZELER AUTOMOTIVE PROFILES GMBH** [DE/DE]; Bregenzer Strasse 133, D–88131 Lindau (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KRAUSE, Fritz** [DE/DE]; Seebachstrasse 11, D–88239 Wangen (DE).

(74) **PREISSNER, Nicolaus** et al. / etc.; Michelis & Preissner, Haimhauser Strasse 1, D–80802 München (DE).

(81) JP US; 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**

(11) **WO 00/18603** (13) A2

(21) PCT/US99/19895

(22) **30 Aug/août 1999 (30.08.1999)**

(25) en (26) en

(30) 09/162,396 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TRACTION ASSEMBLY FOR A WORK MACHINE
• ENSEMBLE TRACTEUR POUR ENGIN DE TRAVAUX

(71) **CATERPILLAR INC.** [US/US]; 100 N.E. Adams Street, Peoria, IL 61629–6490 (US).

(72) **BELL, Douglas, W.**; RR 2, Box 223AA, Mattoon, IL 61938 (US). **HINTON, David, R.**; 1608 Powers Court, Mount Zion, IL 62549 (US). **MARTIN, David, N.**; 4623 Redbud Court, Decatur, IL 62526 (US).

(74) **CHEEK, John, J.** et al. / etc.; 100 N.E. Adams Street, Peoria, IL 61629–6490 (US).

(81) AU ZA.

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(51)[7] **B60K 11/04**

(11) **WO 00/18604** (13) A1

(21) PCT/FR99/02284

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) fr (26) fr

(30) 98/12029 **25 Sep/sep 1998** FR **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE FOR FIXING A PIECE OF EQUIPMENT, IN PARTICULAR A HEAT EXCHANGER, ON A MOTOR VEHICLE STRUCTURAL ELEMENT
• DISPOSITIF DE FIXATION D'UN EQUIPEMENT, NOTAMMENT D'UN ECHANGEUR DE CHALEUR, SUR UN ELEMENT DE STRUCTURE D'UN VEHICULE AUTOMOBILE

(71) **VALEO THERMIQUE MOTEUR** [FR/FR]; 8, rue Louis–Lormand, F–78321 La Verrière (FR). **VALEO VISION** [FR/FR]; 34, rue Saint André, F–93000 Bobigny (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CANTINEAU, Eric** [FR/FR]; 14, rue Troyon, F–75017 Paris (FR). **GUYOMARD, Jean–Nicolas** [FR/FR]; Les Grandes Rues, F–27930 Fuguet (FR). **SIGONNEAU, Jacques** [FR/FR]; 23, rue du Prieuré, F–28170 Theuvy–Achères (FR).

(74) **RUIS, Alain**; Valéo Thermique Moteur, 8, rue Louis–Lormand, F–78321 La Verrière (FR).

(81) US; 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 11/04**

(11) **WO 00/18605** (13) A1

(21) PCT/FR99/02302

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) fr (26) fr

(30) 98/12233 **30 Sep/sep 1998** FR **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE FOR DIRECTLY MOUNTING AN EQUIPMENT, IN PARTICULAR A HEAT EXCHANGER, ON A MOTOR VEHICLE STRUCTURAL ELEMENT
• DISPOSITIF DE MONTAGE DIRECT D'UN EQUIPEMENT, NOTAMMENT D'UN ECHANGEUR DE CHALEUR, SUR UN ELEMENT DE STRUCTURE DE VEHICULE AUTOMOBILE

(71) **VALEO THERMIQUE MOTEUR** [FR/FR]; 8, rue Louis–Lormand, F–78321 La Verrière (FR). **VALEO VISION** [FR/FR]; 34, rue Saint–André, F–93000 Bobigny (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GUYOMARD, Jean–Nicolas** [FR/FR]; Les Grandes Rues, F–27930 Le Mesnil Fuguet (FR). **NATY, Jean–Claude** [FR/FR]; 62, rue Robespierre, F–95100 Argenteuil (FR). **SIGONNEAU, Jacques** [FR/FR]; 23, rue du Prieuré, F–28170 Theuvy Achères (FR).

(74) **RUIS, Alain**; Valéo Thermique Moteur, 8, rue Louis–Lormand, F–78321 La Verrière (FR).

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

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(51)[6] **B60N 2/44, A47C 7/74, B60H 1/00**

(11) **WO 00/18606** (13) A1

(21) PCT/AU99/00839

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) PP 7564 **30 Sep/sep 1998** AU **(30.09.1998)**

(30) PQ 2827 **18 Feb/fév 1999** AU **(18.02.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SEAT VENTILATION DEVICE
• DISPOSITIF DE VENTILATION POUR SIEGE

(71) **YGG PTY LIMITED** [AU/AU]; 10 Sturt Street, Lalor Park, NSW 2147 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VOLKLAND, Gerhold** [AU/AU]; 10 Sturt Street, Lalor Park, NSW 2147 (AU).

(74) **GRIFFITH HACK**; GPO Box 4164, Sydney, NSW 2001 (AU).

(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 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; 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).

(51)[6] **B60N 2/44**

(11) **WO 00/18607** (13) A1

(21) PCT/EP99/00699

(22) **3 Feb/fév 1999 (03.02.1999)**

(25) de (26) de

(30) 198 44 684.5 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ADJUSTING DEVICE CONTAINING A ROTATING SHAFT THAT CAN BE ROTATIONALLY FIXED TO A HANDLE AND AN ACTUATING MEMBER CONNECTED TO SAID SHAFT
• DISPOSITIF DE REGLAGE CONTENANT UN ARBRE ROTATIF POUVANT ETRE RELIE A UNE POIGNEE BLOQUEE EN ROTATION ET UN ORGANE DE REGLAGE RELIE A CET ARBRE

(71, 72) **KLINGLER, Knud** [AT/AT]; Biberstrasse 9 1/3, A–1010 Wien (AT).

(74) **ZELLENTIN, Rüdiger**; Zellentin & Partner, Zweibrückenstrasse 15, D–80331 München (DE).

(81) AU BR CA CN CZ KR MX US; 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] **B60Q 3/02**

(11) **WO 00/18608** (13) A1

(21) PCT/FR99/02324

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) fr (26) fr

(30) 98/12210 **30 Sep/sep 1998** FR **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE FOR CONTROLLING DOME LIGHT ILLUMINATION
• DISPOSITIF DE COMMANDE D'UN ECLAIRAGE DE PLAFONNIER

(71) **EUROSTYLE S.A.S.** [FR/FR]; 4, rue des Petits Ruisseaux, Z.A. des Godets, F–91370 Verrières–le–Buisson (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GUYOT, Robert** [FR/FR]; 251, avenue de Verdun, F–36000 Châteauroux (FR).

(74) **VIARD, Jean**; Cabinet Viard, 28 bis, avenue Mozart, F–75016 Paris (FR).

(81) BR JP US; 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] **B60Q 3/04**

(11) **WO 00/18609** (13) A1

(21) PCT/DE99/01798

(22) **18 Jun/juin 1999 (18.06.1999)**

(25) de (26) de

(30) 198 44 316.1 **28 Sep/sep 1998** DE **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ILLUMINATED–DISPLAY GRADUATED SCALE DEVICE
• DISPOSITIF D'ECHELLES DE MESURE ECLAIRABLE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D–70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HERZOG, Bernhard** [DE/DE]; Mannspergerstrasse 127, D–70619 Stuttgart (DE). **BORSDORF, Uwe** [DE/DE]; Seestrasse 47, D–71229 Leonberg (DE). **JONDA, Christoph** [DE/DE]; Obere Regenstrasse 10, D–93059 Regensburg (DE).

(81) JP US; 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] **B60Q 11/00, 1/46**

(11) **WO 00/18610** (13) A1

(21) PCT/EP99/07153

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) fr (26) fr

(30) 98/12091 **28 Sep/sep 1998** FR **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND DEVICE FOR DIAGNOSING THE PROPER FUNCTIONING OF A MOTOR VEHICLE ANTICRASH LIGHTS
• PROCEDE ET DISPOSITIF DE DIAGNOSTIC DU BON FONCTIONNEMENT DES LAMPES DE FEUX DE DETRESSE D'UN VEHICULE AUTOMOBILE

(71) **SIEMENS AUTOMOTIVE S.A.** [FR/FR]; Avenue du Mirail, Boîte postale 1149, F–31036 Toulouse Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TORNARE, Jean–Marc** [FR/FR]; 7, Impasse de la Courtie, F–47000 Agen (FR).

(74) **ZEDLITZ, Peter**; Siemens Automotive S.A., Postfach 22 13 17, D–80503 München (DE).

(81) JP KR US; 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] **B60R**

(11) **WO 00/18611** (13) A2

(21) PCT/KR99/00588

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 1998/41490 **30 Sep/sep 1998** KR **(30.09.1998)**

(30) 1999/442 **11 Jan/jan 1999** KR **(11.01.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A CUT–OFF DEVICE OF HEADLIGHT BEAMS FOR A VEHICLE DRIVER
• ATTENUATEUR DE PHARES DE ROUTE POUR CONDUCTEUR DE VEHICULE

(71, 72) **HAN, Sang, Kwan** [KR/KR]; Dongah Apt. 101–601, Sachun–dong, Sangdang–ku, Chungju–city, Choongchungbuk–do 360–220 (KR).

(74) **BAE, Tae, Young**; Ssangma Building, Room No. 301, 828–23, Yorksam–dong, Kangnam–ku, Seoul 135–080 (KR).

(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; 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] **B60R 1/12**

(11) **WO 00/18612** (13) A1

(21) PCT/FR99/02311

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) fr (26) fr

(30) 98/12240 **30 Sep/sep 1998** FR **(30.09.1998)**

(30) 98/12697 **9 Oct/oct 1998** FR **(09.10.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MOTOR VEHICLE ACCESSORY COMPRISING A DATA DISPLAY SCREEN FOR THE DRIVER
• ACCESSOIRE POUR VEHICULE AUTOMOBILE COMPRENANT UN ECRAN D'AFFICHAGE D'INFORMATIONS POUR LE CONDUCTEUR

(71, 72) **JODON DE VILLEROCHE, Gérard** [FR/FR]; 6, avenue Saint Honoré d'Eylau, F–75116 Paris (FR).

(74) **GRYNWALD, Albert**; Cabinet Grynwald, 12, rue du Helder, F–75009 Paris (FR).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **B60R 16/00, G06F 11/00**

(11) **WO 00/18613** (13) A1

(21) PCT/EP98/06254

(22) **1 Oct/oct 1998 (01.10.1998)**

(25) de (26) de

(30) 197 43 463.0 **1 Oct/oct 1997** DE **(01.10.1997)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR DETECTING ERRORS OF MICROPROCESSORS IN CONTROL DEVICES OF AN AUTOMOBILE
• PROCEDE DE DETECTION D'ERREURS DE MICROPROCESSEURS D'APPAREILS DE COMMANDE DE VEHICULES AUTOMOBILES

(71) **CONTINENTAL TEVES AG & CO. OHG** [DE/DE]; Guerickestrasse 7, D–60488 Frankfurt am Main (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FENNEL, Helmut** [DE/DE]; Feldbergstrasse 8, D–65812 Bad Soden (DE). **LATARNIK, Michael** [DE/DE]; Römerstrasse 7, D–61381 Friedrichsdorf (DE).

(74) **CONTINENTAL TEVES AG & CO. OHG**; Guerickestrasse 7, D–60488 Frankfurt am Main (DE).

(81) JP US; 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] **B60R 16/02, G05B 19/042**

(11) **WO 00/18614** (13) A1

(21) PCT/US99/21410

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 09/162,306 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AUTO PC MODULE ENCLOSURE
• BOITIER POUR MODULE PC AUTOMOBILE

(71) **LEAR AUTOMOTIVE DEARBORN, INC.** [US/US]; 21557 Telegraph Road, Southfield, MI 48034 (US).

(72) **CHUTORASH, Richard, Joseph**; 3136 Greenspring, Rochester Hills, MI 48309 (US).

(74) **STUENKEL, Mark, E.** et al. / etc.; Brooks & Kushman, 1000 Town Center, 22nd floor, Southfield, MI 48075 (US).

(81) JP; 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] **B60R 21/00, B60K 35/00**

(11) **WO 00/18615** (13) A1

(21) PCT/JP99/05351

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) ja (26) ja

(30) 10/276086 **29 Sep/sep 1998 (29.09.1998)** JP

(30) 11/257690 **10 Sep/sep 1999 (10.09.1999)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • COMPOSITE DEVICE FOR VEHICLE
• DISPOSITIF COMPOSITE POUR VEHICULE

(71) **DENSO CORPORATION** [JP/JP]; 1–1, Showa–cho, Kariya–city, Aichi 448–8661 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KONDO, Shinji** [JP/JP]; Denso Corporation, 1–1, Showa–cho, Kariya–city, Aichi 448–8661 (JP). **AOKI, Naoyuki** [JP/JP]; Denso Corporation, 1–1, Showa–cho, Kariya–city, Aichi 448–8661 (JP). **SETO, Tatsuya** [JP/JP]; Denso Corporation, 1–1, Showa–cho, Kariya–city, Aichi 448–8661 (JP). **MIYAGAWA, Tomoyuki** [JP/JP]; Denso Corporation, 1–1, Showa–cho, Kariya–city, Aichi 448–8661 (JP). **SASAKI, Takanobu** [JP/JP]; Denso Corporation, 1–1, Showa–cho, Kariya–city, Aichi 448–8661 (JP). **KUWAMURA, Shingo** [JP/JP]; Denso Corporation, 1–1, Showa–cho, Kariya–city, Aichi 448–8661 (JP). **YAMADA, Yasuhiro** [JP/JP]; Denso Corporation, 1–1, Showa–cho, Kariya–city, Aichi 448–08661 (JP). **KUROKAWA, Keiichi** [JP/JP]; Denso Corporation, 1–1, Showa–cho, Kariya–city, Aichi 448–8661 (JP).

(74) **ITO, Yoji** et al. / etc.; 7th Floor, Orchid Building, 38–2, Meieki 2–chome, Nakamura–ku, Nagoya–shi, Aichi 450–0002 (JP).

(81) KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **B60R 21/18, 22/46, B60N 2/427**

(11) **WO 00/18616** (13) A1

(21) PCT/SE99/01275

(22) **15 Jul/juil 1999 (15.07.1999)**

(25) sv (26) en

(30) 9803147–9 **16 Sep/sep 1998 (16.09.1998)** SE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SAFETY DEVICE
• DISPOSITIF DE SECURITE

(71, 72) **SWEDENKLEF, Bo** [SE/SE]; Relägränd 4, S–892 32 Domsjö (SE).

(74) **WESTERLUND, Örjan**; Ab Stockholms Patentbyrå, Zacco & Bruhn, P.O. Box 23101, S–104 35 Stockholm (SE).

(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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **B60R 21/20, B62D 1/10**

(11) **WO 00/18617** (13) A1

(21) PCT/SE99/01703

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) sv (26) en

(30) 9803314–5 **30 Sep/sep 1998 (30.09.1998)** SE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • VEHICLE STEERING–WHEEL ARRANGEMENT
• SYSTEME DE VOLANT POUR VEHICULE

(71) **VOLVO PERSONVAGNAR AB** [SE/SE]; S–405 08 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FOSSE, Tore** [SE/SE]; Björcksgatan 44:2, S–416 52 Göteborg (SE). **SASLECOV, Venti** [SE/SE]; Torkelsgatan 11 A, S–416 58 Göteborg (SE).

(74) **ANDERSSON, Per** et al. / etc.; Albihns Patentbyrå Göteborg AB, P.O. Box 142, S–401 22 Göteborg (SE).

(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; 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] **B60R 21/26**

(11) **WO 00/18618** (13) A1

(21) PCT/JP99/05295

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) ja (26) ja

(30) 10/273478 **28 Sep/sep 1998 (28.09.1998)** JP

(30) 10/339934 **30 Nov/nov 1998 (30.11.1998)** JP

(30) 11/57127 **4 Mar/mar 1999 (04.03.1999)** JP

(30) 11/78306 **23 Mar/mar 1999 (23.03.1999)** JP

(30) 11/265995 **20 Sep/sep 1999 (20.09.1999)** JP

(30) 11/265996 **20 Sep/sep 1999 (20.09.1999)** JP

(30) 11/265997 **20 Sep/sep 1999 (20.09.1999)** JP

(30) 11/265998 **20 Sep/sep 1999 (20.09.1999)** JP

(30) 11/265999 **20 Sep/sep 1999 (20.09.1999)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • GAS GENERATOR FOR AIR BAG AND AIR BAG DEVICE

• GENERATEUR DE GAZ POUR COUSSIN GONFLABLE DE SECURITE ET DISPOSITIF DE COUSSIN GONFLABLE DE SECURITE

(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) **NAKASHIMA, Yoshihiro** [JP/JP]; 610–1, Kamiyobe, Yobe–ku, Himeji–shi, Hyogo 671–1262 (JP). **OHJI, Nobuyuki** [JP/JP]; 500–323, Kamiyobe, Yobe–ku, Himeji–shi, Hyogo 671–1262 (JP). **IWAI, Yasunori** [JP/JP]; 7–23–705, Nakanohonmachi, Shijonawate–shi, Osaka 575–0051 (JP). **KATSUDA, Nobuyuki** [JP/JP]; 4–2–2, Ohtsucho, Ohtsu–ku, Himeji–shi, Hyogo 671–1146 (JP).

(74) **FURUYA, Kaoru** et al. / etc.; Hamacho–Hanacho Building 6th Floor, 2–17–8, Nihonbashi–Hamacho, Chuo–ku, Tokyo 103–0007 (JP).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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; 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] **B60R 21/26, C06D 5/00**

(11) **WO 00/18619** (13) A1

(21) PCT/JP99/05297

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) ja (26) ja

(30) 10/277058 **30 Sep/sep 1998 (30.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MOLDED BODY OF COMPOSITION OF GAS GENERATING AGENT FOR AIR BAGS
• CORPS MOULE FORME D'UNE COMPOSITION D'AGENT GENERATEUR DE GAZ, POUR AIRBAGS

(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) **YOKOYAMA, Takushi** [JP/JP]; 3–12–2, Kitashinzaike, Himeji–shi, Hyogo 670–0091 (JP). **ODA, Shingo** [JP/JP]; 341–11, Tsuichiba, Aboshi–ku, Himeji–shi, Hyogo 671–1224 (JP). **HIRATA, Norimasa** [JP/JP]; 1–16–96, Ohtsucho, Ohtsu–ku, Himeji–shi, Hyogo 671–1146 (JP). **YAMATO, Yo** [JP/JP]; 940, Shinzaike, Aboshi–ku, Himeji–shi, Hyogo 671–1234 (JP). **UEDA, Masayuki** [JP/US]; 6881 McLean Province Circle, Falls Church, VA 22043 (US). **TAKAHORI, Takeshi** [JP/JP]; 610–1, Kamiyobe, Yobe–ku, Himeji–shi, Hyogo 671–1262 (JP).

(74) **FURUYA, Kaoru** et al. / etc.; Hamacho–Hanacho Building, 6th Floor, 2–17–8, Nihonbashi–Hamacho, Chuo–ku, Tokyo 103–0007 (JP).

(81) CN IN KR US; 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] **B60R 25/04**

(11) **WO 00/18620** (13) A1

(21) PCT/FR99/02292

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) fr (26) fr

(30) 98/12261 **28 Sep/sep 1998 (28.09.1998)** FR

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND DEVICE FOR REMOTE ACTIVATION OR CONTROL OF AN AUTOMATIC SEMI–AUTOMATIC PROCESS
• PROCEDE ET DISPOSITIF D'ACTIVATION OU DE CONTRÔLE DE PROCESSUS AUTOMATIQUE OU SEMI–AUTOMATIQUE A DISTANCE

(71) **OMEGA CONCEPTION ET SYSTEME** [FR/FR]; 17, impasse Saint Pierre, F–26500 Bourg les Valence (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FALCHERO, Jean** [FR/FR]; 155, rue Aubanel, F–83240 Cavalaire sur Mer (FR).

(74) **CHICHE, Robert**; 2, boulevard Victor Hugo, F–06000 Nice (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 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; 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] **B60S 1/20, 1/04**

(11) **WO 00/18621** (13) A1

(21) PCT/FR99/02278

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) fr (26) fr

(30) 98/12032 **25 Sep/sep 1998 (25.09.1998)** FR

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR MOUNTING A COMPACT WIPER MECHANISM OF A MOTOR VEHICLE WINDOW PANE
• PROCEDE DE MONTAGE D'UN MECANISME COMPACT D'ESSUYAGE D'UNE VITRE DE VEHICULE AUTOMOBILE

(71) **VALEO SYSTEMES D'ESSUYAGE** [FR/FR]; Z.A. de l'Agiot, 8, rue Louis Lormand, F–78321 La Verrière (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EUSTACHE, Jean–Pierre** [FR/FR]; 3, avenue de la Providence, F–92160 Antony (FR).

(74) **KOHN, Philippe**; Cabinet Philippe Kohn, 30, rue Hoche, F–93500 Pantin (FR).

(81) BR CN JP US; 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 5/00, 8/00, 17/22**

(11) **WO 00/18622** (13) A1

(21) PCT/US99/20791

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 60/102,034 **28 Sep/sep 1998 (28.09.1998)** US

(30) 09/210,256 **11 Dec/déc 1998 (11.12.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND APPARATUS FOR RETARDING A WORK MACHINE HAVING A FLUID–COOLED BRAKE SYSTEM
• PROCEDE ET APPAREIL POUR RALENTIR UN ENGIN DE CHANTIER DOTE D'UN SYSTEME DE FREINAGE A REFROIDISSEMENT PAR EAU

(71) **CATERPILLAR INC.** [US/US]; 100 N.E. Adams Street, Peoria, IL 61629–6490 (US).

(72) **BROOKS, Thomas, N.**; R.R. 1, P.O. Box 232B, Oakley, IL 62552–9612 (US). **MARTIN, David, N.**; 4623 Redbud Court, Decatur, IL 62526–9324 (US). **PARKS, Roby, A.**; 2161 Huntleigh Road, Springfield, IL 62704–3235 (US).

(74) **CHEEK, John, J.** et al. / etc.; 100 N.E. Adams Street, Peoria, IL 61629–6490 (US).

(81) AU BR CA.

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(51)[7] **B60T 8/00**

(11) **WO 00/18623** (13) A1

(21) PCT/DE99/02774

(22) **2 Sep/sep 1999 (02.09.1999)**

(25) de (26) de

(30) 198 44 912.7 **30 Sep/sep 1998 (30.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE AND METHOD FOR INFLUENCING THE PROPULSION OF A VEHICLE
• DISPOSITIF ET PROCEDE PERMETTANT D'INFLUENCER LA PROPULSION D'UN VEHICULE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D–70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOHLER, Rolf** [DE/DE]; Stiegelstrasse 30, D–71701 Schwieberdingen (DE). **SCHMITT, Johannes** [DE/DE]; Platanenweg 35, D–71706 Markgröningen (DE). **BRAUN, Günter** [DE/DE]; Egerstrasse 23, D–74321 Bietigheim (DE). **ZÖBELE, Andreas** [DE/DE]; Im Bissinger Pfad 13, D–71706 Markgröningen (DE). **KOTTMANN, Matthias** [DE/DE]; Aichelbergweg 3, D–73240 Wendlingen (DE).

(81) BR JP KR US; 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 8/24, 7/12**

(11) **WO 00/18624** (13) A1

(21) PCT/DE99/01155

(22) **17 Apr/avr 1999 (17.04.1999)**

(25) de (26) de

(30) 198 44 542.3 **29 Sep/sep 1998 (29.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE AND METHOD FOR LIMITING A BACKWARD ROLLING SPEED OF A MOTOR VEHICLE
• DISPOSITIF ET PROCEDE POUR LIMITER LA VITESSE DE ROULEMENT EN ARRIERE D'UN VEHICULE AUTOMOBILE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D–70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **POLZIN, Norbert** [DE/DE]; Burgunderweg 1, D–74374 Zaberfeld (DE).

(81) JP KR US; 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 8/96, 8/36, 8/40**

(11) **WO 00/18625** (13) A1

(21) PCT/DE99/02136

(22) **10 Jul/juil 1999 (10.07.1999)**

(25) de (26) de

(30) 198 43 861.3 **25 Sep/sep 1998 (25.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHODS AND SYSTEM FOR CONTROLLING AND/OR REGULATING OPERATIONS OCCURRING IN A MOTOR VEHICLE
• PROCEDE ET SYSTEME DE COMMANDE ET/OU DE REGLAGE DE SEQUENCES DE FONCTIONNEMENT D'UN VEHICULE AUTOMOBILE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D–70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOERNER, Gotthilf** [DE/DE]; Kalkofenstrasse 5, D–71287 Weissach (DE). **ENKE, Dietmar** [DE/DE]; Rieslingweg 12, D–74354 Besigheim (DE). **GOTTWICK, Ulrich** [DE/DE]; Parlerstrasse 26, D–70192 Stuttgart (DE). **SCHUBERT, Michael** [DE/DE]; Drosselweg 25, D–75382 Althengstett (DE).

(81) JP KR US; 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 13/14, 13/12**

(11) **WO 00/18626** (13) A1

(21) PCT/GB99/03203

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 9820911.7 **26 Sep/sep 1998 (26.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IMPROVEMENT IN HYDRAULIC BRAKING SYSTEMS FOR VEHICLES
• AMELIORATION DANS LES SYSTEMES DE FREINAGE HYDRAULIQUE DE VEHICULES

(71) **MERITOR AUTOMOTIVE, INC.** [US/US]; 2135 West Maple Road, Troy, MI 48084–7186 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILLIAMSON, Michael** [GB/GB]; 16 Priory Close, Caerleon, Gwent NP18 3SY (GB). **BATCHELOR, Mark** [GB/GB]; 52 Gaer Park Road, Newport, Gwent NP18 3SY (GB).

(74) **BARKER BRETTELL**; 138 Hagley Road, Edgbaston, Birmingham B16 9PW (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 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; 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] **B60T 13/52**

(11) **WO 00/18627** (13) A1

(21) PCT/EP99/05095

(22) **16 Jul/juil 1999 (16.07.1999)**

(25) de (26) de

(30) 198 44 233.5 **26 Sep/sep 1998 (26.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • VACUUM BRAKE BOOSTER
• AMPLIFICATEUR DE FREINAGE A VIDE

(71) **CONTINENTAL TEVES AG & CO. OHG** [US/US]; Guerickestrasse 7, D–60488 Frankfurt am Main (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHONLAU, Jürgen** [DE/DE]; Mühlstrasse 62B, D–65396 Walluf (DE). **HARTH, Ralf** [DE/DE]; Pfungstädter Strasse 26, D–64297 Darmstadt (DE). **KLEY, Uwe** [DE/DE]; Ligusterweg 28, D–60433 Frankfurt am Main (DE). **FELLINGER, Rolf** [DE/DE]; Hauptstrasse 42, D–56414 Dreikirchen (DE). **LINKENBACH, Steffen** [DE/DE]; Lahnweg 14, D–65760 Eschborn–Niederhöchstadt (DE).

(74) **CONTINENTAL TEVES AG & CO. OHG**; Guerickestrasse 7, D–60488 Frankfurt am Main (US).

(81) JP US; 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 13/68, 8/36**

(11) **WO 00/18628** (13) A1

(21) PCT/DE99/01789

(22) **18 Jun/juin 1999 (18.06.1999)**

(25) de (26) de

(30) 198 43 762.5 **24 Sep/sep 1998 (24.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SOLENOID VALVE, ESPECIALLY FOR AN ANTI–SLIP AUTOMOTIVE HYDRAULIC BRAKING SYSTEM
• ELECTRO–VALVE, NOTAMMENT DESTINEE AU SYSTEME DE FREINAGE HYDRAULIQUE ET ANTI–PATINAGE D'UN VEHICULE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D–70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIRSCHNER, Martin** [DE/DE]; Wiesenweg 3, D–87549 Rettenberg (DE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **B61B 13/00, 15/00, B61G 1/00**

(11) **WO 00/18629** (13) A1

(21) PCT/JP99/04778

(22) **2 Sep/sep 1999 (02.09.1999)**

(25) ja (26) ja

(30) 10/311549 **29 Sep/sep 1998 (29.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HIGH–SPEED TRANSPORTATION MECHANISM ON RAIL TRACK
• MECANISME DE TRANSPORT GRANDE VITESSE SUR RAILS

(71, 72) **DATE, Gen** [JP/JP]; 3–21, Umegaoka, Nagaokakyo–shi, Kyoto 617–0841 (JP).

(74) **ONO, Yukio**; Ohtemae Century Bldg., 5–13, Katamachi 1–chome, Miyakojima–ku, Osaka–shi, Osaka 534–0025 (JP).

(81) CN KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **B61D 17/08, 17/04**

(11) **WO 00/18630** (13) A1

(21) PCT/JP98/04335

(22) **28 Sep/sep 1998 (28.09.1998)**

(25) ja (26) ja

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CAR BODY
• CARROSSERIE AUTOMOBILE

(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) **KAWASAKI, Takeshi** [JP/JP]; Kasado Works, Hitachi, Ltd., 794, Oaza Higashitoyoi, Kudamatsu–shi, Yamaguchi 744–8601 (JP). **OKUNO, Sunio** [JP/JP]; Kasado Works, Hitachi, Ltd., 794, Oaza Higashitoyoi, Kudamatsu–shi, Yamaguchi 744–8601 (JP). **MAKINO, Toshiaki** [JP/JP]; Kasado Works, Hitachi, Ltd., 794, Oaza Higashitoyoi, Kudamatsu–shi, Yamaguchi 744–8601 (JP). **MASAI, Kentaro** [JP/JP]; Kasado Works, Hitachi, Ltd., 794, Oaza Higashitoyoi, Kudamatsu–shi, Yamaguchi 744–8601 (JP). **YAMAJI, Kazufumi** [JP/JP]; Kasado Works, Hitachi, Ltd., 794, Oaza Higashitoyoi, Kudamatsu–shi, Yamaguchi 744–8601 (JP).

(74) **SAKUTA, Yasuo**; Hitachi, Ltd., 5–1, Marunouchi 1–chome, Chiyoda–ku, Tokyo 100–8220 (JP).

(81) US VN; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **B61L 3/00, 15/00, 25/00, 29/00**

(11) **WO 00/18631** (13) A1

(21) PCT/US99/20824

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 60/102,037 **28 Sep/sep 1998** US **(28.09.1998)**

(30) 09/261,937 **3 Mar/mar 1999** US **(03.03.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CAPTURING RAILROAD VEHICLE STATUS AND VIDEO OF RAILROAD CROSSING
• ENREGISTREMENT DE L'ETAT DE VEHICULES FERROVIAIRES ET VIDEO DE PASSAGE A NIVEAU

(71) **ROADTRAC, LLC** [US/US]; Suite 112, 250 Hembree Park Drive, Roswell, GA 30076 (US).

(72) **COX, Todd**; 2015 Brookforest Court, Alpharetta, GA 30022 (US). **AMET, Chris**; 2490 Clairview Street, Alpharetta, GA 30004 (US). **MCDOUGALD, Mark**; 506 East Cherokee Court, Woodstock, GA 30188 (US). **KNIGHT, Duane, A.**; 15202 Lexington Farm Drive, Alpharetta, GA 30004 (US). **YUEN, Cheuk, Nam**; 805 Eastside Point, Woodstock, GA 30189 (US).

(74) **FLOAM, D., Andrew** et al. / etc.; Needle & Rosenberg, P.C., The Candler Building, Suite 1200, 127 Peachtree Street, N.E., Atlanta, GA 30303–1811 (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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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)[6] **B62D 1/18**

(11) **WO 00/18632** (13) A1

(21) PCT/US99/21771

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 60/101,789 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • STEERING WHEEL IMPACT POSITIONING SYSTEM
• SYSTEME DE POSITIONNEMENT DE VOLANT LORS D'UN IMPACT

(63) US 60/101,789 (CON) 25 Sep/sep 1998 (25.09.1998)

(71) **DOUGLAS AUTOTECH CORP.** [US/US]; 300 Albers Road, Bronson, MI 49028 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SPENCER, Joseph, C.** [US/US]; 9971 Marias Drive, Coldwater, MI 49036 (US). **GLIDDEN, Corbin, G.** [US/US]; 2212 Edgewood Drive, Kalamazoo, MI 49008 (US). **BOWERMAN, Brian, C.** [US/US]; 67 W. Chicago Street, Quincy, MI 49082 (US). **GAUKEL, Patrick, D.** [US/US]; 466 Cranson Road, Bronson, MI 49028 (US).

(74) **KANE, Barry, C.**; Miller, Johnson, Snell & Cummiskey, PLC, Suite 800, 250 Monroe Avenue N.W., P.O. Box 306, Grand Rapids, MI 49501–0306 (US).

(81) CA DE GB JP US.

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(51)[7] **B62D 21/15, 33/067, 24/00**

(11) **WO 00/18633** (13) A1

(21) PCT/SE99/01690

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) sv (26) en

(30) 9803318–6 **30 Sep/sep 1998** SE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AN ARRANGEMENT WHICH MAKES IT POSSIBLE TO DISPLACE A CAB OF A VEHICLE
• DISPOSITIF PERMETTANT DE DEPLACER L'HABITACLE D'UN VEHICULE

(71) **VOLVO LASTVAGNAR AB** [SE/SE]; S–405 08 Gothenburg (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KJELLBERG, Sture** [SE/SE]; Lådvägen 9, S–517 00 Bollebygd (SE).

(74) **BERG, S., A.** et al. / etc.; Albihns Patentbyrå Stockholm AB, P.O. Box 5581, S–114 85 Stockholm (SE).

(81) BR JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[7] **B62D 25/08, 29/00**

(11) **WO 00/18634** (13) A1

(21) PCT/FR99/02303

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) fr (26) fr

(30) 98/12231 **30 Sep/sep 1998** FR **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • REINFORCED METAL/PLASTIC COMPOSITE FRONT PANEL FOR MOTOR VEHICLE
• FAÇADE AVANT COMPOSITE METAL/PLASTIQUE RENFORCEE POUR VEHICULE AUTOMOBILE

(71) **VALEO THERMIQUE MOTEUR** [FR/FR]; 8, rue Louis–Lormand, F–78321 La Verrière (FR). **VALEO VISION** [FR/FR]; 34, rue Saint–André, F–93000 Bobigny (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SIGONNEAU, Jacques** [FR/FR]; 23, rue du Prieuré, F–28170 Theuvy Achères (FR). **CANTINEAU, Eric** [FR/FR]; 14, rue Troyon, F–75017 Paris (FR). **GUYOMARD, Jean–Nicolas** [FR/FR]; Les Grandes Rues, F–27930 Le Mesnil Fuguet (FR).

(74) **RUIS, Alain**; Valéo Thermique Moteur, 8, rue Louis–Lormand, F–78321 La Verrière (FR).

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

(51)[7] **B62D 25/08, 29/00**

(11) **WO 00/18635** (13) A1

(21) PCT/FR99/02304

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) fr (26) fr

(30) 98/12232 **30 Sep/sep 1998 (30.09.1998)** FR

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • OVERMOULDED REINFORCED METAL/PLASTIC COMPOSITE FRONT PANEL FOR MOTOR VEHICLE
• FAÇADE AVANT COMPOSITE METAL/PLASTIQUE RENFORCEE SURMOULEE POUR VEHICULE AUTOMOBILE

(71) **VALEO THERMIQUE MOTEUR** [FR/FR]; 8, rue Louis–Lormand, F–78321 La Verrière (FR). **VALEO VISION** [FR/FR]; 34, rue Saint–André, F–93000 Bobigny (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CANTINEAU, Eric** [FR/FR]; 14, rue Troyon, F–75017 Paris (FR). **SIGONNEAU, Jacques** [FR/FR]; 23, rue du Prieuré, F–28170 Theuvy Achères (FR). **GUYOMARD, Jean–Nicolas** [FR/FR]; Les Grandes Rues, F–27930 Le Mesnil Fuguet (FR).

(74) **RUIS, Alain**; Valeo Thermique Moteur, 8, rue Louis–Lormand, F–78321 La Verrière (FR).

(81) US; 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] **B62D 25/08, 29/00**

(11) **WO 00/18636** (13) A1

(21) PCT/FR99/02305

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) fr (26) fr

(30) 98/12230 **30 Sep/sep 1998 (30.09.1998)** FR

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • OVERMOULDED METAL/PLASTIC COMPOSITE FRONT PANEL FOR MOTOR VEHICLE
• FACADE AVANT COMPOSITE METAL/PLASTIQUE SURMOULEE POUR VEHICULE AUTOMOBILE

(71) **VALEO THERMIQUE MOTEUR** [FR/FR]; 8, rue Louis–Lormand, F–78321 La Verrière (FR). **VALEO VISION** [FR/FR]; 34, rue Saint–André, F–93000 Bobigny (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GUYOMARD, Jean–Nicolas** [FR/FR]; Les Grandes Rues, F–27930 Le Mesnil Fuguet (FR). **SIGONNEAU, Jacques** [FR/FR]; 23, rue du Prieuré, F–28170 Theuvy–Achères (FR).

(74) **RUIS, Alain**; Valeo Thermique Moteur, 8, rue Louis–Lormand, F–78321 La Verrière (FR).

(81) US; 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] **B62D 33/04, 65/00**

(11) **WO 00/18637** (13) A1

(21) PCT/CH99/00423

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) de (26) de

(30) 198 43 969.5 **24 Sep/sep 1998 (24.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND DEVICE FOR PRODUCING A VAN BODY, AND VAN BODY THUS PRODUCED
• PROCEDE ET DISPOSITIF POUR PRODUIRE UNE CARROSSERIE DE FOURGON, ET CARROSSERIE DE FOURGON AINSI PRODUITE

(71) **RONO SYSTEMTECHNIK AG** [CH/CH]; Zugerstrasse 74, CH–6341 Baar (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NOLTE, Robert** [DE/DE]; Dr. Wachlerweg 23, D–38640 Goslar (DE).

(74) **TROESCH SCHEIDEGGER WERNER AG**; Siewerdtstrasse 95, Postfach, CH–8050 Zürich (CH).

(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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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)[6] **B62D 55/275, 55/26, 55/28**

(11) **WO 00/18638** (13) A1

(21) PCT/AU99/00834

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 10/290124 **29 Sep/sep 1998 (29.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A CRAWLER PAD FOR THE TREAD BOARD OF A CRAWLER TRACK SHOE
• PLAQUETTE D'ENGIN A CHENILLES POUR BANDE DE ROULEMENT D'UN PATIN

(71) **CHU, Thoai, Quang** [AU/AU]; 6 Harrier Avenue, Green Valey, NSW 2168 (AU).
(only for / seulement pour AU)

(71, 72) **HATTORI, Tomitaro** [JP/JP]; 2–772, Oaza Ukita, Miyazaki–shi, Miyazaki–ken (JP).

(74) **WATERMARK PATENT & TRADEMARK ATTORNEYS**; Durack Centre, 4th floor, 263 Adelaide Terrace, Perth, W.A. 6000 (AU).

(81) AU CA NZ US; 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] **B62L 1/00, B60T 8/32, 8/54, 8/74**

(11) **WO 00/18639** (13) A1

(21) PCT/GR99/00036

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) en (26) en

(30) 980100355 **30 Sep/sep 1998 (30.09.1998)** GR

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MECHANICAL ANTI–BLOCK BRAKING SYSTEM, FOR A BICYCLE'S WHEEL
• SYSTEME DE FREINAGE ANTI–BLOCAGE MECANIQUE POUR ROUE DE BICYCLETTE

(71, 72) **PAPADEAS, George** [GR/GR]; 36–38 Ilision, Zographou, GR–157 71 Athens (GR).

(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 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; 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)[6] **B63B 35/44, 1/04**

(11) **WO 00/18640** (13) A1

(21) PCT/EP98/06218

(22) **30 Sep/sep 1998 (30.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TEMPORARY STORAGE BARGE
• BARGE DE STOCKAGE TEMPORAIRE

(71) **SCHLUMBERGER TECHNOLOGY B.V.** [NL/NL]; Gevers Deynootweg 61, NL–2586 BJ The Hague (NL).
(for all designated States except / pour tous les États désignés sauf GB US)

(71) **SCHLUMBERGER LIMITED** [US/US]; 277 Park Avenue, New York, NY 10172 (US).
(only for / seulement pour GB)

(72, 75) **ROMANO, Christian** [FR/VE]; Schlumberger, Torre Humboldt–Prado del Este, Caracas 1080 (VE).

(74) **HAGEL, Francis**; Etudes & Productions Schlumberger, Division Wireline, 26, rue de la Cavée, Boîte postale 202, F–92142 Clamart Cedex (FR).

(81) BR NO US; 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] **B64C 23/06, B63B 1/24, B63H 1/28**

(11) **WO 00/18641** (13) A1

(21) PCT/FR99/02272

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) fr (26) fr

(30) 98/12001 **25 Sep/sep 1998 (25.09.1998)** FR

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LOAD–BEARING STRUCTURE WITH REDUCED TIP VORTEX
• STRUCTURE PORTANTE A TOURBILLON MARGINAL REDUIT

(71) **GECO AS** [NO/NO]; Solbraaveien 23, N–1370 ASKER (NO). **ETAT FRANCAIS représenté par le DELEGUE GENERAL POUR L'ARMEMENT** [FR/FR]; F–00460 Armées (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CORDIER, Stéphane** [FR/FR]; 14 bis, rue des Frères Nicolle, F–76000 Rouen (FR). **BRIANCON–MARJOLLET, Laurence** [FR/FR]; 12, rue Emile Zola, F–78200 Mantes la Jolie (FR).

(74) **POULIN, Gérard**; Société de Protection des Inventions, 3, rue du Docteur Lancereaux, F–75008 Paris (FR).

(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; 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] **B64F 1/305, H02G 11/02**

(11) **WO 00/18642** (13) A1

(21) PCT/EP99/07251

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) de (26) de

(30) 298 17 462.6 **30 Sep/sep 1998 (30.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TELESCOPIC GANGWAY WITH A SUPPLY LINE AND A HOLDING ELEMENT FOR SAID LINE
• PASSERELLE TELESCOPIQUE A LIGNE D'ALIMENTATION ET LOGEMENT PREVU POUR LADITE LIGNE D'ALIMENTATION

(71, 72) **FLADUNG, Manfred** [DE/DE]; Heimbach 26, D–63776 Mömbris (DE).

(74) **STOFFREGEN, Hans–Herbert**; Friedrich–Ebert–Anlage 11 B, D–63450 Hanau (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 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; 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 1/30, 57/10**

(11) **WO 00/18643** (13) A1

(21) PCT/JP99/05132

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) ja (26) ja

(30) 10/271504 **25 Sep/sep 1998 (25.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DRUG FEEDER
• CHARGEUR DE MEDICAMENTS

(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) **TOBE, Ryuzo** [JP/JP]; 3–24–2, Iwagamicho, Maebashi–shi, Gunma 371–0035 (JP). **INAMURA, Atsuo** [JP/JP]; 1900–1, Ryumaimachi, Ota–shi, Gunma 373–0806 (JP). **HARAGUCHI, Manabu** [JP/JP]; 50–8, Hinode, Oizumimachi, Ora–gun, Gunma 370–0525 (JP). **UEMA, Shinya** [JP/JP]; 57–1–5–114, Sumiyoshi, Oizumimachi, Ora–gun, Gunma 370–0521 (JP).

(74) **AMAGASA, Takashi**; 29–3, Hamacho, Ota–shi, Gunma 373–0853 (JP).

(81) KR US.

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(51)[7] **B65B 1/30**

(11) **WO 00/18644** (13) A1

(21) PCT/JP99/05133

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) ja (26) ja

(30) 10/275621 **29 Sep/sep 1998 (29.09.1998)** JP

(30) 10/275643 **29 Sep/sep 1998 (29.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DRUG FEEDER
• CHARGEUR DE MEDICAMENTS

(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) **INAMURA, Atsuo** [JP/JP]; 1900–1, Ryumaimachi, Ota–shi, Gunma 373–0806 (JP). **KOBAYASHI, Koichi** [JP/JP]; A202, 1277–10, Uchigashimamachi, Ota–shi, Gunma 373–0813 (JP).

(74) **AMAGASA, Takashi**; 29–3, Hamacho, Ota–shi, Gunma 373–0853 (JP).

(81) KR US.

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(51)[7] **B65B 1/30, 57/00**

(11) **WO 00/18645** (13) A1

(21) PCT/JP99/05134

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) ja (26) ja

(30) 10/275670 **29 Sep/sep 1998 (29.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DRUG FEEDER
• CHARGEUR DE MEDICAMENTS

(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) **UEMA, Shinya** [JP/JP]; 57–1–5–114, Sumiyoshi, Oizumimachi, Ora–gun, Gunma 370–0521 (JP). **SEYA, Hiroshi** [JP/JP]; 2–29–3, Asahi, Oizumimachi, Ora–machi, Gunma 370–0514 (JP).

(74) **AMAGASA, Takashi**; 29–3, Hamacho, Ota–shi, Gunma, 373–0853 (JP).

(81) KR US.

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(51)[7] **B65B 1/30, 57/00**

(11) **WO 00/18646** (13) A1

(21) PCT/JP99/05135

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) ja (26) ja

(30) 10/275656 **29 Sep/sep 1998 (29.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DRUG FEEDER
• CHARGEUR DE MEDICAMENTS

(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) **UEMA, Shinya** [JP/JP]; 57–1–5–114, Sumiyoshi, Oizumimachi, Ora–gun, Gunma 370–0521 (JP). **INAMURA, Atsuo** [JP/JP]; 1900–1, Ryumaimachi, Ota–shi, Gunma 373–0806 (JP).

(74) **AMAGASA, Takashi**; 29–3, Hamacho, Ota–shi, Gunma 373–0853 (JP).

(81) KR US.

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(51)[7] **B65B 1/30**

(11) **WO 00/18647** (13) A1

(21) PCT/JP99/05136

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) ja (26) ja

(30) 10/275606 **29 Sep/sep 1998** JP **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DRUG FEEDER
• CHARGEUR DE MEDICAMENTS

(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) **TAKAHASHI, Hideyuki** [JP/JP]; 150–296, Narizukacho, Ota–shi, Gunma 373–0006 (JP). **OTA, Toshihiko** [JP/JP]; 1338, Niinocho, Ota–shi, Gunma 373–0032 (JP).

(74) **AMAGASA, Takashi**; 29–3, Hamacho, Ota–shi, Gunma, 373–0853 (JP).

(81) KR US.

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(51)[6] **B65B 47/00**

(11) **WO 00/18648** (13) A1

(21) PCT/US99/22444

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/162,658 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • APPARATUS AND METHOD FOR MOLDING A CONTAINER AND INCLUDING A VIBRATING KNIFE ASSEMBLY
• APPAREIL DE MOULAGE D'UN CONTENANT COMPORTANT UN ENSEMBLE A COUTEAU VIBRANT ET PROCEDE CORRESPONDANT

(71) **WEILER ENGINEERING, INC.** [US/US]; 2445 East Oakton Street, Arlington Heights, IL 60005 (US).

(72) **ANDERSON, Paul, A.**; 323 South Bristol, Arlington Heights, IL 60005 (US).

(74) **CEPURITIS, Talivaldis** et al. / etc.; Olson & Hierl, Ltd., 20 North Wacker Drive, 36th Floor, Chicago, IL 60606 (US).

(81) JP.

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(51)[7] **B65B 61/18**

(11) **WO 00/18649** (13) A1

(21) PCT/IB99/01599

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 9821177.4 **30 Sep/sep 1998** GB **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • POUR SPOUT FITMENT APPLICATOR
• APPLICATEUR D'ACCESSOIRES, NOTAMMENT DE BECS VERSEURS

(71) **ELOPAK SYSTEMS AG** [CH/CH]; Cherstrasse 4, Postfach, CH–8152 Glattbrugg (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TYWONIUK, Andrzej, Wieslaw** [NO/NO]; Sollia 15B, N–3058 Solbergmoen (NO).

(74) **BURROWS, Anthony, Gregory**; Business Centre West, Avenue One, Business Park, Letchworth Garden City, Hertfordshire SG6 2HB (GB).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **B65D 6/10, 25/16**

(11) **WO 00/18650** (13) A1

(21) PCT/US99/21783

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/101,815 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FLEXIBLE DISPOSABLE CONTAINER
• RECIPIENT SOUPLE JETABLE

(71) **H.J. HEINZ COMPANY** [US/US]; P.O. Box 57, Pittsburgh, PA 15230–0057 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAGARELLI, John** [US/US]; 7483 Shaker Lane, Westchester, OH 45069 (US).

(74) **SLUTTER, Regis, L.** et al. / etc.; Burns, Doane, Swecker & Mathis L.L.P., P.O. Box 1404, Alexandria, VA 22313–1404 (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 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; 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] **B65D 19/00**

(11) **WO 00/18651** (13) A2

(21) PCT/ZA99/00105

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 98/8898 **30 Sep/sep 1998** ZA **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PALLET FOR TRANSPORTATION OF GOODS
• PALETTE SERVANT A TRANSPORTER DES MARCHANDISES

(71, 72) **GROBLER, Pieter, Jacobus** [ZA/ZA]; Kopermyn, 1050 Middelburg (ZA).

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

(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; 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] **B65D 27/06**

(11) **WO 00/18652** (13) A1

(21) PCT/IE99/00102

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) S980801 **28 Sep/sep 1998** IE **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AN ENVELOPE
• ENVELOPPE

(71, 72) **MURRAY, Thomas** [IE/IE]; 28 Patrician Villas, Stillorgan, County Dublin (IE).

(74) **KELLY, Peter, F.**; F.R. Kelly & Co., 27 Clyde Road, Ballsbridge, Dublin 4 (IE).

(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 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; 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] **B65D 35/22**

(11) **WO 00/18653** (13) A1

(21) PCT/US99/22689

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/164,143 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MULTICHAMBER SQUEEZE TUBE AND CONTAINER INCORPORATING SAME
• TUBE SOUPLE POSSEDANT DES CHAMBRES MULTIPLES ET RESERVOIR INCORPORANT CE TUBE

(71) **RXI PLASTICS, INC.** [US/US]; Dallas Pike Industrial Part, R.D. #1, Box 252, Triadelphia, WV 26059 (US).

(72) **RICHMOND, Thomas, Michael**; 7300 Henze Road, Evansville, IN 47720 (US).

(74) **WESTERHOFF, Richard, V.**; Eckert Seamans Cherin & Mellott, LLC, 44th Floor, 600 Grant Street, Pittsburgh, PA 15219 (US).

(81) CA; 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 47/08**

(11) **WO 00/18654** (13) A1

(21) PCT/US99/22064

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 09/160,996 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AN INDIRECTLY ACTIVATED CLOSURE
• FERMETURE A MISE EN OEUVRE INDIRECTE

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

(72) **ZAKSENBERG, Isaac**; 950 Raritan Road, Scotch Plains, NJ 07076 (US). **NIMMEY, Alan**; 18 Sandalwood Drive, Warren, NJ 07059 (US). **HARRITY, Kevin**; 4 Pierrepont Avenue, Middlesex, NJ 08846 (US).

(74) **MC GREAL, Michael, J.**; Colgate–Palmolive Company, 909 River Road, P.O. Box 1343, Piscataway, NJ 08855–1343 (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 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; 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)[6] **B65D 77/24, 23/12**

(11) **WO 00/18655** (13) A1

(21) PCT/IB98/01522

(22) **30 Sep/sep 1998 (30.09.1998)**

(25) ru (26) ru

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PACKAGE PROVIDED WITH A COMPONENT PART OF A DECORATION OR COLLECTION
• EMBALLAGE COMPORTANT UNE PARTIE CONSTITUANTE DE DECORATION OU DE COLLECTION

(71, 72) **KONOVCHENKO, Larisa** [UA/UA]; Dvorets Truda, pl. Konstitutsii, 1, Kharkov 310200 (UA).

(81) CA RU US; 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] **B65D 81/26, 65/38**

(11) **WO 00/18656** (13) A1

(21) PCT/FR99/02198

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) fr (26) fr

(30) 98/12265 **28 Sep/sep 1998** FR **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR MAKING A PACKAGING ELEMENT FOR PRODUCTS
• PROCEDE DE FABRICATION D'UN ELEMENT D'EMBALLAGE POUR PRODUITS

(71) **SOCIETE SAINT ANDRE PLASTIQUE** [FR/FR]; 5, Impasse Balleroy, F–50680 Saint–André de l'Epine (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEBRETON, Eugène** [FR/FR]; 19, rue du 12 juillet 1944, F–50680 Saint–André de l'Epine (FR). **MERLATEAU, Christian** [FR/FR]; 4, rue des Chardonnerets, F–14790 Verson (FR).

(74) **VIDON, Patrice**; Cabinet Patrice Vidon, Immeuble Germanium, 80, avenue des Buttes de Coësmes, F–35700 Rennes (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 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 TJ TM TR TT UA UG US UZ VN ZA; 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] **B65D 81/34, 77/30**

(11) **WO 00/18657** (13) A1

(21) PCT/JP99/05309

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) ja (26) ja

(30) 10/278288 **30 Sep/sep 1998** JP **(30.09.1998)**

(30) 10/362413 **21 Dec/déc 1998** JP **(21.12.1998)**

(30) 11/32685 **10 Feb/fév 1999** JP **(10.02.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FOOD CONTAINER LID MEMBER
• ELEMENT COUVERCLE DE RECIPIENT POUR ALIMENTS

(71) **NISSIN SHOKUHIN KABUSHIKI KAISHA** [JP/JP]; 1–1, Nishinakajima 4–chome, Yodogawa–ku, Osaka–shi, Osaka 532–8524 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAWADA, Kiyoshi** [JP/JP]; Toppan Insatsu Kabushiki Kaisha, 3–22–16, Ebie, Fukushima–ku, Osaka–shi, Osaka 553–8580 (JP). **YOSHIMURA, Mitsuo** [JP/JP]; Toppan Insatsu Kabushiki Kaisha, 3–22–16, Ebie, Fukushima–ku, Osaka–shi, Osaka 553–8580 (JP). **IKEDA, Kyutaro** [JP/JP]; 501, MTS–Furukawa, 4–5, Nishiyagura 2–chome, Kusatsu–shi, Shiga 525–0052 (JP). **KAWAI, Hirofumi** [JP/JP]; Toppan Insatsu Kabushiki Kaisha, 3–22–16, Ebie, Fukushima–ku, Osaka–shi, Osaka 553–8580 (JP).

(74) **SUMIDA, Yoshihiro** et al. / etc.; Arco Patent Office, Bo–eki Building, 3rd floor 123–1, Higashimachi, Chuo–ku, Kobe–shi, Hyogo 650–0031 (JP).

(81) BR CA CN ID US; 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 81/34**

(11) **WO 00/18658** (13) A1

(21) PCT/US99/22461

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/162,647 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MICROWAVE POPCORN BAG
• SACHET DE POP–CORN POUR FOUR A MICRO–ONDES

(71) **WEAVER POPCORN COMPANY, INC.** [US/US]; 130 East Main Street, P.O. Box 395, VanBuren, IN 46991 (US). **MIAMI PACKAGING INCORPORATED** [US/US]; 1701 Reinartz Boulevard, Middletown, OH 45042 (US).

(72) **MOSELEY, Jennifer, D.**; 410 North Wabash Street, LaFontaine, IN 46940 (US). **LITTLE, John, C.**; 2221 Hunters Cove, Fort Wayne, IN 46804 (US). **NARRAMORE, Rick, W.**; 9441 Trail Stone Point, Centerville, OH 45458 (US). **MAIN, Charles, A.**; 3612 Bellecrest Avenue, Cincinnati, OH 45208 (US). **BERENS, Alan, Paul, Jr.**; 5513 Red Coach, Centerville, OH 45429 (US).

(74) **ERDMAN, Kevin, R.** et al. / etc.; Baker & Daniels, Suite 800, 111 East Wayne Street, Fort Wayne, IN 46802 (US).

(81) BR CA DE GB MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **B65D 83/00**

(11) **WO 00/18659** (13) A1

(21) PCT/US99/22439

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/161,846 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IMPROVED MOUNTING CUP FOR AN AEROSOL CONTAINER
• CUPULE DE MONTAGE AMELIOREE DESTINEE A UN CONTENANT POUR AEROSOL

(71) **PRECISION VALVE CORPORATION** [US/US]; 700 Nepperhan Avenue, Yonkers, NY 10703 (US).

(72) **DUFFIELD, Dean, Walter**; Ten William Fahy Place, Camden, New South Wales 2570 (AU). **TANSEY, Charles, Martin**; 29 Laycock Road, Penshurst, New South Wales 2222 (AU).

(74) **KILGANNON, William, F.**; Kilgannon & Steidl, 85 Pondfield Road, Bronxville, NY 10708 (US).

(81) AU BA BR BY CA CN CZ GE HR HU ID IL IN JP KG KP KR KZ LT LV MX NO NZ PL RO RU SG TJ TR UA UZ VN ZA; 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 83/38, B29C 65/06**

(11) **WO 00/18660** (13) A1

(21) PCT/KR99/00507

(22) **2 Sep/sep 1999 (02.09.1999)**

(25) en (26) en

(30) 1998/40592 **29 Sep/sep 1998** KR **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SPRAY VESSEL AND METHOD OF MANUFACTURING THE SPRAY VESSEL
• RECIPIENT PULVERISATEUR ET PROCEDE DE FABRICATION DUDIT RECIPIENT

(71) **PARK, Jin, Ha** [KR/KR]; 303–1103 Joogong Apt., 886, Dang–dong, Kunpo–City, Kyunggi–do 435–010 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEE, Young, Suk** [KR/KR]; 4–506 Ankook Apt., Jooan 8–dong, Nam–gu, Inchon–City, Kyunggi–do 402–208 (KR).

(74) **GAM, Dong, Hoon**; Gam Dong Hoon Int'L Patent & Law Office, No.207, New Seoul Building, 828–8, Yeoksam–dong, Kangnam–gu, Seoul 135–080 (KR).

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

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(51)[6] **B65D 83/62**

(11) **WO 00/18661** (13) A1

(21) PCT/US99/22636

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,341 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AEROSOL PACKAGING FOR ANAEROBIC CURING COMPOSITIONS
• EMBALLAGE–AEROSOL POUR COMPOSITIONS DE DURCISSEMENT ANAEROBIE

(71) **LOCTITE CORPORATION** [US/US]; 1001 Trout Brook Crossing, Rocky Hill, CT 06067 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAAS, Hans** [US/US]; 44 Meetinghouse Lane, Westbrook, CT 06498 (US). **MONTENIERI, Robert, E.** [US/US]; 55 Yorktown Road, Southington, CT 06489 (US).

(74) **SCOLA, Daniel, A., Jr.**; Hoffmann & Baron, LLP, 6900 Jericho Turnpike, Syosset, NY 11791 (US) et al. / etc.

(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; 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)[6] **B65D 85/57, 77/20**

(11) **WO 00/18662** (13) A1

(21) PCT/US99/01345

(22) **22 Jan/jan 1999 (22.01.1999)**

(25) en (26) en

(30) 09/160,664 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • COMBINED MERCHANDISE CONTAINER AND DISPLAY DEVICE
• RECIPIENT A MARCHANDISE ET DISPOSITIF DE PRESENTATION COMBINES

(71) **EAST END INC.** [US/US]; 2527 Magnolia Street, Oakland, CA 94607 (US).

(72) **NAVA, John**; 1353 Shippee Lane, Ojai, CA 93023 (US). **LYONS, John**; 8000 Falcon Park, Long Beach, CA 90808 (US). **FARNSWORTH, Donald**; 2527 Magnolia Street, Oakland, CA 94607 (US).

(74) **MALLERY, Daniel, C.** et al. / etc.; Pretty, Schroeder & Poplawski, 444 South Flower Street, 19th floor, Los Angeles, CA 90071 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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)[6] **B65D 85/57**

(11) **WO 00/18663** (13) A1

(21) PCT/US99/21261

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 09/161,064 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PACKAGING DEVICE FOR DISC–SHAPED ITEMS AND RELATED MATERIALS AND METHOD FOR PACKAGING SUCH DISCS AND MATERIAL
• EMBALLAGE POUR ARTICLES EN FORME DE DISQUE ET LE MATERIEL ANNEXE ET PROCEDE D'EMPAQUETAGE ASSOCIE

(71, 72) **GORDON, Alexandra** [US/US]; 115 The Farms Road, Bedford, NY 10506 (US). **GRIMES, Charles, W.** [US/US]; 55 Allwood Road, Darien, CT 06820 (US).

(74) **BATTERSBY, Gregory, J.** et al. / etc.; Grimes & Battersby, LLP, Suite 405, Three Landmark Square, P.O. Box 1311, Stamford, CT 06904–1311 (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 US UZ VN YU ZW; 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).

(51)[7] **B65D 88/78, B63G 8/22, 8/14**

(11) **WO 00/18664** (13) A1

(21) PCT/GB99/03130

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) en (26) en

(30) 9820865.5 **25 Sep/sep 1998 (25.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A VESSEL
• EMBARCATION

(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) **MOODY, Martin, John** [GB/GB]; DERA Rosyth, MSS, Marine Structures & Survivability, South Arm, Rosyth Royal Dockyard, Fife KY11 2XR (GB).

(74) **BOWDERY, A., O.**; D/IPD DERA Formalities, A4 Building, Ively Road, Farnborough, Hants GU14 0LX (GB).

(81) BR GB MX NO US; 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 00/18665** (13) A2

(21) PCT/US99/22830

(22) **1 Oct/oct 1999 (01.10.1999)**

(25) en (26) en

(30) 60/102,625 **1 Oct/oct 1998 (01.10.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SECURE RACK SYSTEMS, METHODS, AND APPARATUS
• ARMOIRES DE SECURITE: SYSTEMES, PROCEDES ET DISPOSITIFS

(71, 72) **MARCIONI, Sparrow** [US/US]; Number 5 Pointe Ridge Drive, Atlanta, GA 30328 (US).

(74) **SUTCLIFFE, Geoff, L.** et al. / etc.; Kilpatrick Stockton LLP, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309–4530 (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; 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] **B65G 1/04, B07C 3/08**

(11) **WO 00/18666** (13) A1

(21) PCT/EP99/07231

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) de (26) de

(30) 198 44 763.9 **29 Sep/sep 1998 (29.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND DEVICE FOR SUPPLYING, POSITIONING, STORING AND/OR CHANGING CONTAINERS
• PROCEDE ET DISPOSITIF POUR ALIMENTER, POSITIONNER, STOCKER ET/OU REMPLACER DES RECIPIENTS

(71) **MECHANIK CENTER ERLANGEN GMBH** [DE/DE]; Günther–Scharowsky–Strasse 21, D–91058 Erlangen (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PFÖRTNER, Helmut** [DE/DE]; Am Herrenweiher 7, D–91085 Weisendorf (DE). **KOLB, Roland** [DE/DE]; Ahornweg 2, D–91334 Hemhofen (DE).

(74) **ZEDLITZ, Peter**; Postfach 22 13 17, D–80503 München (DE).

(81) JP US; 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 47/20, 67/24**

(11) **WO 00/18667** (13) A1

(21) PCT/GB99/02992

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) en (26) en

(30) 9821140.2 **29 Sep/sep 1998 (29.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SELF RAISING HOPPER FOR DELIVERING AGGREGATE
• TREMIE AUTO–ELEVATRICE DE DISTRIBUTION D'AGREGATS

(71) **HANSON QUARRY PRODUCTS EUROPE LTD.** [GB/GB]; The Ridge, Chipping Sodbury, Bristol BS37 6AY (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KUJAWA, Anthony** [GB/GB]; Beech Croft, Crab Tree Hill, Collingham, Wetherby, West Yorkshire LS22 5AD (GB).

(74) **GILES, Ashley, Simon**; Haseltine Lake & Co., Imperial House, 15–19 Kingsway, London WC2B 6UD (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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **B65G 47/38**

(11) **WO 00/18668** (13) A2

(21) PCT/DE99/03009

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) de (26) de

(30) 198 44 478.8 **28 Sep/sep 1998 (28.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE AND METHOD FOR SORTING PIECE GOODS
• DISPOSITIF ET PROCEDE POUR LE TRI D'ARTICLES INDIVIDUELS

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GRUND, Hans–Joachim** [DE/DE]; Gaisbühlstr. 38, D–91056 Erlangen (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) US; 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 47/90**

(11) **WO 00/18669** (13) A2

(21) PCT/EP99/06965

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) de (26) de

(30) 198 44 764.7 **29 Sep/sep 1998 (29.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND DEVICE FOR GRIPPING CONTAINERS
• PROCEDE ET DISPOSITIF PERMETTANT DE SAISIR DES CONTENANTS

(71) **MECHANIK CENTER ERLANGEN GMBH** [DE/DE]; Günther–Scharowsky–Strasse 21, D–91058 Erlangen (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PFÖRTNER, Helmut** [DE/DE]; Am Herrenweiher 7, D–91085 Weisendorf (DE). **LAUE–BECKMANN, Holger** [DE/DE]; Kaulbachstrasse, D–90408 Nürnberg (DE).

(74) **ZEDLITZ, Peter**; Postfach 22 13 17, D–80503 München (DE).

(81) JP US; 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 53/46**

(11) **WO 00/18670** (13) A1

(21) PCT/JP99/05191

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) ja (26) ja

(30) 10/271904 **25 Sep/sep 1998** JP **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • POWDER MATERIAL DISCHARGING DEVICE AND POWDER MATERIAL DISCHARGING METHOD
• DISPOSITIF ET PROCEDE PERMETTANT DE DECHARGER UN MATERIAU PULVERULENT

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

(72, 75) **WATANABE, Yasushi** [JP/JP]; Kyowa Hakko Kogyo Co., Ltd. Fuji Plant, 1188, Shimotogari, Nagaizumi–cho, Sunto–gun, Shizuoka 411–8731 (JP). **MORIMOTO, Kiyoshi** [JP/JP]; Kyowa Hakko Kogyo Co., Ltd. Fuji Plant, 1188, Shimotogari, Nagaizumi–cho, Sunto–gun, Shizuoka 411–8731 (JP). **HAYAKAWA, Kimiaki** [JP/JP]; Kyowa Hakko Kogyo Co., Ltd. Fuji Plant, 1188, Shimotogari, Nagaizumi–cho, Sunto–gun, Shizuoka 411–8731 (JP). **HIRUTA, Satoru** [JP/JP]; Kyowa Hakko Kogyo Co., Ltd. Fuji Plant, 1188, Shimotogari, Nagaizumi–cho, Sunto–gun, Shizuoka 411–8731 (JP).

(74) **NAKAI, Hiroyuki**; Sorio 3 2nd floor, 2–1, Sakae–machi 2–chome, Takarazuka–shi, Hyogo 665–0845 (JP).

(81) AU BG BR CA CN CZ HU ID IL IN JP KR MX NO NZ PL RO SG SI SK UA US VN ZA; EA (AM AZ BY KG 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] **B65G 63/00**

(11) **WO 00/18671** (13) A1

(21) PCT/SE99/01731

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 9803341–8 **30 Sep/sep 1998** SE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HORIZONTAL REFERENCE MARKER
• REPERE HORIZONTAL

(71) **ABB AB** [SE/SE]; S–721 83 Västerås (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRYFORS, Uno** [SE/SE]; Jakobsbergsplatsen 2B, S–724 61 Västerås (SE). **JOHANSSON, Christer** [SE/SE]; Fjärdhundragatan 25B, S–723 40 Västerås (SE).

(74) **ABB AB**; Patent, Gideonsbergsgatan 2, Tegnérområdet, S–721 78 Västerås (SE).

(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 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; 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)[6] **B65G 65/38**

(11) **WO 00/18672** (13) A1

(21) PCT/US99/21255

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 09/162,677 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CRESCENT SHAPED SUPPORT COVER
• COUVERTURE–SUPPORT EN FORME DE CROISSANT

(71) **CAMBELT INTERNATIONAL CORPORATION** [US/US]; 2820 West 1100 South, Salt Lake City, UT 84104 (US).

(72) **CAMPBELL, Colin, D.**; 1072 West 10250 South, West Jordan, UT 84065 (US). **WILLIAMS, Venny, J.**; 6495 West 4200 South, West Valley City, UT 84120 (US).

(74) **NORTH, Vaughn, W.** et al. / etc.; Thorpe, North & Western, LLP, P.O. Box 1219, Sandy, UT 84091–1219 (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 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; 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)[6] **B65H 16/10**

(11) **WO 00/18673** (13) A1

(21) PCT/US99/18988

(22) **19 Aug/août 1999 (19.08.1999)**

(25) en (26) en

(30) 09/164,440 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • APPARATUS FOR DISPENSING SHEET MATERIAL FROM A ROLL OF SHEET MATERIAL
• APPAREIL DE DISTRIBUTION DE MATIERE EN FEUILLES A PARTIR D'UN ROULEAU DE MATIERE EN FEUILLES

(71) **PERRIN MANUFACTURING COMPANY** [–/US]; 1020 Bixby Drive, City of Industry, CA 91745 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MORAND, Michel** [–/CA]; Suite 201, 1080 St. Mathieu, Montreal, Quebec H3H 2S8 (CA). **PERRIN, Patrick, C.** [–/US]; 28979 Palos Verdes Drive East, Rancho Palos Verdes, CA 90275 (US). **VAN DE BRAKE, Arthur** [–/US]; 1731 Fernridge Drive, San Dimas, CA 91773 (US).

(74) **LAMPE, Thomas, R.**; Bielen, Peterson & Lampe, Suite 720, 1990 N. California Boulevard, Walnut Creek, CA 94596 (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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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 : *(c)*

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(51)[7] **B65H 39/16, 20/20**

(11) **WO 00/18674** (13) A1

(21) PCT/EP99/07223

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) de (26) de

(30) 198 44 626.8 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE FOR PRODUCING STORAGE CASES, E.G. FOR DISKETTES, CDS OR SIMILAR
• DISPOSITIF POUR PRODUIRE DES COFFRETS DE CONDITIONNEMENT, PAR EX. POUR DISQUETTES, C.D. OU SIMILAIRES

(71) **SCHOBER GMBH WERKZEUG– UND MASCHINENBAU** [DE/DE]; Industriestrasse 2/8, D–71735 Eberdingen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WITTMAIER, Klaus** [DE/DE]; Römerstrasse 65, D–71665 Vaihingen (DE).

(74) **STEIMLE, Josef**; Dreiss, Fuhlendorf, Steimle & Becker, Postfach 10 37 62, D–70032 Stuttgart (DE).

(81) CA CN US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[6] **B65H 67/048**

(11) **WO 00/18675** (13) A1

(21) PCT/JP99/04440

(22) **19 Aug/août 1999 (19.08.1999)**

(25) ja (26) ja

(30) 10/272161 **25 Sep/sep 1998** JP **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND DEVICE FOR SWITCHING THREAD
• PROCEDE ET DISPOSITIF DE CHANGEMENT DE FIL

(71) **TEIJIN SEIKI CO., LTD.** [JP/JP]; 9–1, Edobori 1–chome, Nishi–ku, Osaka–shi, Osaka–fu 550–0002 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YUDATE, Toshihiro** [JP/JP]; Teijin Seiki Co., Ltd., Matsuyama Works, 77, Kitayoshida–cho, Matsuyama–shi, Ehime–ken 791–8041 (JP). **YOSHIOKA, Seiji** [JP/JP]; Teijin Seiki Co., Ltd., Matsuyama Works, 77, Kitayoshida–cho, Matsuyama–shi, Ehime–ken 791–8041 (JP).

(74) **MINAKA, Eiji** et al. / etc.; Minaka International Patent Office, 25–12, Asakusabashi 5–chome, Taito–ku, Tokyo 111–0053 (JP).

(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 KE KG 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **B66B 1/46, 11/00, 5/02**

(11) **WO 00/18676** (13) A1

(21) PCT/CH99/00457

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) de (26) de

(30) G 298 17 351.4 U **28 Sep/sep 1998** DE **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE FOR OPERATING ELEVATORS IN A SPECIAL MODE
• DISPOSITIF POUR FAIRE FONCTIONNER DES INSTALLATIONS D'ASCENSEUR EN MODE SPECIAL

(71) **INVENTIO AG** [CH/CH]; Seestrasse 55, Postfach, CH–6052 Hergiswil (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DANIEL, Christian** [DE/DE]; Zeisigweg 9/1, D–71157 Hildrizhausen (DE). **HAEBERLE, Ulrich** [DE/DE]; Leuschnerstrasse 28, D–70176 Stuttgart (DE). **ERKER, Hubert** [DE/DE]; Schulze–Delitzsch–Weg 5, D–73333 Gingen (DE). **ZERELLES, Holger** [DE/DE]; Libanonstrasse 89, D–70186 Stuttgart (DE).

(74) **INVENTIO AG**; Seestrasse 55, Postfach, CH–6052 Hergiswil (CH).

(81) AU BR CA CN MX NO TR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[6] **B66F 3/00, B60P 1/48, 3/075, B26D 1/52**

(11) **WO 00/18677** (13) A1

(21) PCT/US99/22739

(22) **1 Oct/oct 1999 (01.10.1999)**

(25) en (26) en

(30) 09/164,617 **1 Oct/oct 1998** US **(01.10.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SELF–LUBRICATED KING PIN AND SADDLE ASSEMBLY
• ENSEMBLE AUTOLUBRIFIE CHEVILLE D'ATTELAGE ET SELLETTE

(71) **ATC LEASING COMPANY** [US/US]; 4316 39th Avenue, Kenosha, WI 53144 (US).

(72) **SCHUETTENBERG, Donald, W.**; 3312 N.W. 112th Street, Vancouver, WA 98695 (US).

(74) **DEKRUIF, Rodney, D.** et al. / etc.; Reinhart, Boerner, Van Deuren, Norris & Rieselbach S.C., Suite 2100, 1000 North Water Street, Milwaukee, WI 53202–3186 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; 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)[6] **B66F 9/075, B60R 21/11, 21/13**

(11) **WO 00/18678** (13) A1

(21) PCT/US98/24172

(22) **12 Nov/nov 1998 (12.11.1998)**

(25) en (26) en

(30) 09/162,985 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INDUSTRIAL VEHICLE OVERHEAD GUARD
• PROTEGE–CONDUCTEUR POUR VEHICULE INDUSTRIEL

(71) **TRIODYNE SAFETY SYSTEMS, L.L.C.** [US/US]; 5950 West Touhy Avenue, Niles, IL 60714–4610 (US).

(72) **BARNETT, Ralph, L.**; 2721 Alison Lane, Wilmette, IL 60091 (US). **LIBER, Theodore**; 597 Ridge Road, Highland Park, IL 60035 (US).

(74) **FEJER, Mark, E.** et al. / etc.; Speckman Pauley Petersen & Fejer, Suite 365, 2800 West Higgins Road, Hoffman Estates, IL 60195 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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)[6] **B67D 5/60**

(11) **WO 00/18679** (13) A1

(21) PCT/US99/22511

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,265 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DISPENSING PUMP ACCESSORIES FOR PREVENTING THE INGRESS OF AIR AND FOR AIDING IN ALIGNMENT
• ACCESSOIRES POUR GICLEUR SERVANT A EMPECHER L'ENTREE D'AIR ET A FAVORISER L'ALIGNEMENT AVEC UNE CIBLE

(71, 72) **COHEN, Ben, Z.** [US/US]; 140 East 80th Street, New York, NY 10021 (US).

(72, 75) **KELLY, Nigel** [GB/US]; 60 Fulton Avenue, Rye, NY 10580 (US).

(74) **BUDZYN, Ludomir, A.**; Stroock & Stroock & Lavan LLP, 180 Maiden Lane, New York, NY 10038–4925 (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; 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] **C01B 3/32, 31/20**

(11) **WO 00/18680** (13) A1

(21) PCT/NO99/00280

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) no (26) en

(30) 19984295 **16 Sep/sep 1998** NO **(16.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS FOR PREPARING A H_2–RICH GAS AND A CO_2–RICH GAS AT HIGH PRESSURE
• PROCEDE SERVANT A PREPARER UN GAZ RICHE EN H_2 ET UN GAZ RICHE EN CO_2 PAR PRESSION ELEVEE

(71) **DEN NORSKE STATS OLJESELSKAP A.S** [NO/NO]; N–4035 Stavanger (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OLSVIK, Ola** [NO/NO]; Haukv. 18, N–7562 Hundhammeren (NO). **HANSEN, Roger** [NO/NO]; Sildråpev. 70B, N–7048 Trondheim (NO). **GRISLINGÅS, Arne** [NO/NO]; Ole Nordgaardsvei 36B, N–7049 Trondheim (NO). **RYTTER, Erling** [NO/NO]; Steinåsen 19, N–7049 Trondheim (NO).

(74) **BRYN & AARFLOT AS**; P.O. Box 449 Sentrum, N–0104 Oslo (NO).

(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 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; 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] **C01B 3/32, 31/20**

(11) **WO 00/18681** (13) A1

(21) PCT/NO99/00283

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) no (26) en

(30) 19984296 **16 Sep/sep 1998** NO **(16.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR PREPARING A H_2–RICH GAS AND A CO_2–RICH GAS AT HIGH PRESSURE
• PROCEDE SERVANT A PREPARER UN GAZ RICHE EN H_2 ET UN GAZ RICHE EN CO_2 PAR PRESSION ELEVEE

(71) **DEN NORSKE STATS OLJESELSKAP A.S** [NO/NO]; N–4035 Stavanger (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OLSVIK, Ola** [NO/NO]; Haukv. 18, N–7562 Hundhammeren (NO).

(74) **BRYN & AARFLOT AS**; P.O.Box 449 Sentrum, N–0104 Oslo (NO).

(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 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; 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)[6] **C01B 31/04**

(11) **WO 00/18683** (13) A1

(21) PCT/RU98/00308

(22) **30 Sep/sep 1998 (30.09.1998)**

(25) ru (26) ru

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR PRODUCING THERMALLY EXPANDED GRAPHITE
• PROCEDE DE PRODUCTION DE GRAPHITE EXPANSE PAR VOIE THERMIQUE

(71, 72) **KOVALENKO, Boris Mikhailovich** [RU/RU]; ul. Kustanaiskaya, 11–1–128, Moscow, 115682 (RU). **KOZLOV, Sergei Ivanovich** [RU/RU]; ul. Pronskaya, 8/4–125, Moscow, 109145 (RU). **SIDORENKO, Viktor Grigorievich** [RU/RU]; pos. Medvezhy stan, 10–43, Vsevolozhsky r–n, Leningradskaya obl., 188710 (RU). **TULSKY, Viktor Fedorovich** [RU/RU]; ul. Donetskaya, 22–217, Moscow, 109652 (RU). **USOSHIN, Vladimir Apollonovich** [RU/RU]; ul. Zagorievskaya, 95–144, Moscow, 115372 (RU).

(74) **KHOROSHKEYEV, Vladimir Alexandrovich**; a/ya 18, Moscow, 121248 (RU).

(81) AU AZ BG BR BY CA CN DE EE GB ID IL JP KR KZ LR LT LV MX NO PL RO TR UA US; EA (AM AZ BY KG 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] **C01B 31/02, 3/00**

(11) **WO 00/18682** (13) A1

(21) PCT/NO99/00287

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 19984497 **25 Sep/sep 1998** NO **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CARBON MEDIA FOR STORAGE OF HYDROGEN
• MILIEUX CARBONES POUR LE STOCKAGE D'HYDROGENE

(71) **KVAERNER TECHNOLOGY AND RESEARCH LIMITED** [GB/GB]; St. James's House, 23 King Street, London SW1Y 6QY (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LYNUM, Steinar** [NO/NO]; Hartmannsvei 40b, N–0284 Oslo (NO). **HILDRUM, Ragne** [NO/NO]; Nilsrudkleiva 11, N–0874 Oslo (NO). **HOX, Ketil** [NO/NO]; Gjørtlerveien 10, N–7021 Trondheim (NO). **HUGDAHL, Jan** [NO/NO]; Harald Bothners vei 10, N–7017 Trondheim (NO).

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

(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 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; 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)[6] **C01F 7/06**

(11) **WO 00/18684** (13) A1

(21) PCT/AU99/00757

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) PP 6224 **25 Sep/sep 1998** AU **(25.09.1998)**

(30) PQ 2476 **26 Aug/août 1999** AU **(26.08.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IMPROVED BAYER CAUSTICISATION
• CAUSTIFICATION DE BAYER AMELIOREE

(71) **WORSLEY ALUMINA PTY LTD** [AU/AU]; Gastaldo Road, Collie, W.A. 6225 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROSENBERG, Steven, Philip** [AU/AU]; 5 Quokka Court, Australind, W.A. 6233 (AU). **WILSON, Darrel, James** [AU/AU]; 33 Coral Drive, Australind, W.A. 6233 (AU). **HEATH, Catherine, Ann** [AU/AU]; 36A Moore Street, East Bunbury, W.A. 6230 (AU).

(74) **VAN WOLLINGEN, Rolf**; Griffith Hack, 256 Adelaide Terrace, Perth, W.A. 6000 (AU).

(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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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)[6] **C01F 7/44, C22B 1/02, 1/26, F26B 3/06, 3/18**

(11) **WO 00/18685** (13) A1

(21) PCT/AU99/00831

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) PP 6241 **30 Sep/sep 1998** AU **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FEED PROCESSING FOR IMPROVED ALUMINA PROCESS PERFORMANCE
• TRAITEMENT D'UNE CHARGE POUR L'AMELIORATION D'UN PROCEDE D'OBTENTION DE L'ALUMINE

(71) **COMALCO ALUMINIUM LIMITED** [AU/AU]; 15th floor, 12 Creek Street, Brisbane, QLD 4000 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOLLITT, Michael, John** [AU/AU]; 63 Strong Avenue, Graceville, QLD 4075 (AU). **GROCOTT, Stephen** [AU/AU]; 10 Cardigan Place, Sunnybank Hills, QLD 4072 (AU). **KISLER, John, Peter** [AU/AU]; 10 Shirley Street, Wendouree, VIC 3355 (AU). **BEEBY, Colin, John** [AU/AU]; 2 Lendor Court, Cheltenham, VIC 3192 (AU).

(74) **GRIFFITH HACK**; 509 St Kilda Road, Melbourne, VIC 3004 (AU).

(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 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; 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)[6] **C01G 23/053**

(11) **WO 00/18686** (13) A1

(21) PCT/JP99/05236

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) ja (26) ja

(30) 10/272782 **28 Sep/sep 1998** JP **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR PRODUCTION OF AMORPHOUS TITANIUM PEROXIDE SOLUTION AND ANATASE TITANIUM OXIDE SOL
• PROCEDE DE PRODUCTION D'UNE SOLUTION DE PEROXYDE DE TITANE AMORPHE ET D'UN SOL D'OXYDE DE TITANE DU TYPE ≤ANATASE≥

(71) **TAO INC.** [JP/JP]; 3F, KN Building, 52–1, Tomigaya 1–chome, Shibuya–ku, Tokyo 151–0063 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OGATA, Shiro** [JP/JP]; Tao Inc., 3F, KN Building, 52–1, Tomigaya 1–chome, Shibuya–ku, Tokyo 151–0063 (JP). **MATSUI, Yoshimitsu** [JP/JP]; Tao Saga Kenkyusho, 1315–4, Shimono Hei, Ureshino–cho, Fujuitsu–gun, Saga 843–0302 (JP).

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

(81) CA JP KR US; 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] **C02F 1/00, 3/00, 9/00**

(11) **WO 00/18687** (13) A1

(21) PCT/SE99/01583

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) sv (26) en

(30) 9803066–1 **10 Sep/sep 1998** SE **(10.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND DEVICE FOR PURIFICATION OF SURFACE AND SEWAGE WATER
• PROCEDE ET DISPOSITIF D'EPURATION D'EAUX SUPERFICIELLES ET D'EAUX USEES

(71) **GLOBE WATER AB** [SE/SE]; P.O. Box 10 259, S–100 55 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHWALBE, Pontus** [SE/SE]; P.O. Box 10 259, S–100 55 Stockholm (SE).

(74) **SEDVALL, Bengt** et al. / etc.; Bergenstråhle & Lindvall AB, P.O. Box 17 704, S–118 93 Stockholm (SE).

(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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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)[6] **C02F 1/00**

(11) **WO 00/18688** (13) A1

(21) PCT/US99/05668

(22) **15 Mar/mar 1999 (15.03.1999)**

(25) en (26) en

(30) 09/161,264 **26 Sep/sep 1998** US **(26.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR CONTROLLING THE GROWTH OF ALGAE BY USING SUBSTITUTED AMINO–ALCOHOLS
• PROCEDE POUR EMPECHER LA CROISSANCE DES ALGUES A L'AIDE D'AMINO–ALCOOLS SUBSTITUES

(71) **TRIQUEST, LP** [US/US]; Suite 480, 14785 Preston Road, Dallas, TX 75240 (US).

(72) **RAUCKMAN, Elmer**; 1 Rowlands Road, Fleminton, NJ 08822 (US). **SHEEHAN, Michael, T.**; 6245 Tarafaya Drive, Corpus Chirsti, TX 78414 (US). **WILKINSON, William, W.**; 128 North Spring Creek, Richardson, TX 75081 (US).

(74) **CASSADY, Donald, R.**; 1901 Clarkwood Road, Corpus Christi, TX 78409 (US).

(81) AU BR CA CN CZ FI GE HU JP KR MX NO NZ PL SG TR UA; EA (AM AZ BY KG 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)[6] **C02F 1/50, A01N 43/00, 59/00**

(11) **WO 00/18689** (13) A1

(21) PCT/JP99/05233

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) ja (26) ja

(30) 10/273746 **28 Sep/sep 1998** JP **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND APPARATUS FOR DISINFECTING DRAINAGE
• PROCEDE ET DISPOSITIF DE DESINFECTION DE RESIDUS DE DRAINAGE

(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) **YASUHARA, Yoshiharu** [JP/JP]; Ebara Corporation, 11–1, Haneda Asahi–cho, Ohta–ku, Tokyo 144–8510 (JP). **HASEGAWA, Kazuhiro** [JP/JP]; Ebara Corporation, 11–1, Haneda Asahi–cho, Ohta–ku, Tokyo 144–8510 (JP). **TANAKA, Kazunari** [JP/JP]; Ebara Corporation, 11–1, Haneda Asahi–cho, Ohta–ku, Tokyo 144–8510 (JP). **FUCHU, Yuichi** [JP/JP]; Ebara Corporation, 11–1, Haneda Asahi–cho, Ohta–ku, Tokyo 144–8510 (JP). **NIIDA, Yutaka** [JP/JP]; Ebara Corporation, 11–1, Haneda Asahi–cho, Ohta–ku, Tokyo 144–8510 (JP). **YOSHIDA, Hideyuki** [JP/JP]; Ebara Corporation, 11–1, Haneda Asahi–cho, Ohta–ku, Tokyo 144–8510 (JP). **KAIHATSU, Hiromasa** [JP/JP]; Ebara Corporation, 11–1, Haneda Asahi–cho, Ohta–ku, Tokyo 144–8510 (JP). **TORIUMI, Hiroshi** [JP/JP]; Tokyo Metropolitan Government, Bureau of Sewerage, 8–1, Nishi Shinjuku 2–chome, Shinjuku–ku, Tokyo 163–8001 (JP). **TAKASU, Hiroshi** [JP/JP]; Tokyo Metropolitan Government, Bureau of Sewerage, 8–1, Nishi Shinjuku 2–chome, Shinjuku–ku, Tokyo 163–8001 (JP). **NAKAWA, Tadashi** [JP/JP]; Tokyo Metropolitan Government, Bureau of Sewerage, 8–1, Nishi Shinjuku 2–chome, Shinjuku–ku, Tokyo 163–8001 (JP). **KOMINE, Sumio** [JP/JP]; Tokyo Metropolitan Government, Bureau of Sewerage,

8–1, Nishi Shinjuku 2–chome, Shinjuku–ku, Tokyo 163–8001 (JP).

(74) **SHAMOTO, Ichio** et al. / etc.; Yuasa and Hara, Section 206, New Ohtemachi Building, 2–1, Ohtemachi 2–chome, Chiyoda–ku, Tokyo 100–0004 (JP).

(81) CA CN KR US; EP (DE FR GB).

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(51)[6] **C02F 1/52**

(11) **WO 00/18690** (13) A1

(21) PCT/KR99/00162

(22) **2 Apr/avr 1999 (02.04.1999)**

(25) en (26) en

(30) 1998/39860 **25 Sep/sep 1998** KR **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • RAPID COAGULATION–FLOCCULATION AND SEDIMENTATION TYPE WASTE WATER TREATMENT METHOD
• PROCEDE DE TRAITEMENT DES EAUX RESIDUAIRES, DU TYPE A COAGULATION–FLOCULATION ET SEDIMENTATION RAPIDES

(71) **URC TECHNOLOGY CO., LTD.** [KR/KR]; 109–1101 Kumhotown, 923, Dongchun–dong, Younsu–gu, Inchon 406–130 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHOI, Chun, Sik** [KR/KR]; 109–1101 Kumhotown, 923, Dongchun–dong, Younsu–gu, Inchon 406–130 (KR). **YUN, Tae, Il** [KR/KR]; 901–1005, Mokdongsinsigagi Apt., 313 Sinjung–dong, Yangchun–gu, Seoul 158–070 (KR).

(74) **LEE, Dae, Sun**; 6F Chongkundang Building, 441 Shipchong–2dong, Pupyong–gu, Inchon 403–132 (KR).

(81) CN JP US; 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] **C02F 3/00**

(11) **WO 00/18691** (13) A2

(21) PCT/GB99/02999

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 9820914.1 **26 Sep/sep 1998** GB **(26.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PHOSPHATE REMOVAL PROCESS
• PROCESSUS D'ELIMINATION DE PHOSPHATE

(71) **THE QUEEN'S UNIVERSITY OF BELFAST** [GB/GB]; Malone Road, Belfast BT9 5BN (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **QUINN, John, Patrick** [GB/GB]; 20 Point Road, Drumenagh, Magherafelt BT45 6LR (GB). **MCGRATH, John, Wendell** [GB/GB]; 81 Calnconnel Gardens, Waringstown, Craigavon, Co Armagh BT66 7RR (GB).

(74) **MURGITROYD & COMPANY**; 373 Scotland Street, Glasgow G5 8QA (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 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; 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)[6] **C02F 3/30**

(11) **WO 00/18692** (13) A1

(21) PCT/US99/22602

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 60/102,187 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • WASTEWATER TREATMENT TANK WITH INFLUENT GATES AND PRE–REACT ZONE WITH AN OUTWARDLY FLARED LOWER PORTION
• RESERVOIR DE TRAITEMENT DES EAUX USEES AVEC PORTES A INFLUENT ET ZONE DE PRE–REACTION AVEC PARTIE BISEAUTEE TOURNEE VERS L'EXTERIEUR

(71, 72) **LINDBO, Glen, D.** [US/US]; 3108 Kaloaluiki Street, Honolulu, HI 96822 (US).

(74) **HSIA, Martin, E.**; Cades Schutte Fleming & Wright, P.O. Box 939, Honolulu, HI 96808 (US).

(81) 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 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 TZ UA UG US UZ VN YU ZW; 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] **C02F 3/34, B09C 1/10, A62D 3/00**

(11) **WO 00/18693** (13) A1

(21) PCT/FR99/02314

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) fr (26) fr

(30) 98/12237 **30 Sep/sep 1998** FR **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MICROBIOLOGICAL METHOD FOR ELIMINATING A NITROAROMATIC COMPOUND
• PROCEDE MICROBIOLOGIQUE D'ELIMINATION D'UN COMPOSE NITROAROMATIQUE

(71) **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31–33, rue de la Fédération, F–75752 Paris 15éme (FR). **CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE** [FR/FR]; 3, rue Michel Ange, F–75794 Paris Cedex 16 (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OUAZZANI, Jamal** [FR/FR]; 2 rue de Lisbonne, F–91300 Massy (FR). **LE CAMPION, Laurence** [FR/FR]; Résidence Jardin des Facultés, 74 Bld Jeanne d'Arc, F–13005 Marseille (FR).

(74) **DES TERMES, Monique**; Brevatome, 3, rue du Docteur Lancereaux, F–75008 Paris (FR).

(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; AP (GH GM KE LS MW SD SZ TZ UG ZW); EA (AM AZ BY KG 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] **C02F 3/34, 3/10**

(11) **WO 00/18694** (13) A1

(21) PCT/JP99/05226

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) ja (26) ja

(30) 10/271920 **25 Sep/sep 1998** JP **(25.09.1998)**

(30) 11/226206 **10 Aug/août 1999** JP **(10.08.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DENITRIFYING COMPOSITION FOR REMOVING NITRATE NITROGEN AND PROCESS FOR PRODUCING THE SAME
• COMPOSITION DE DENITRIFICATION, DESTINEE A L'ENLEVEMENT DE L'AZOTE DES NITRATES, ET PROCEDE DE PRODUCTION ASSOCIE

(71) **NITCHITSU CO, LTD.** [JP/JP]; Shin–hibiya Building, 3–6, Uchisaiwaicho 1–chome, Chiyoda–ku, Tokyo 100–0011 (JP). **NIPPON STEEL CHEMICAL CO., LTD.** [JP/JP]; 21–11, Nishi–gotanda 7–chome, Shinagawa–ku, Tokyo 141–0031 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YATAGAI, Atsushi** [JP/JP]; Laboratory for Powder Technology, Nitchitsu Co., Ltd., 351–1, Kamitano, Arakawa–mura, Chichibu–gun, Saitama–ken 369–1802 (JP). **MASUJIMA, Hiroshi** [JP/JP]; 6–25–606, Yotsuya 2–chome, Urawa–shi, Saitama–ken 336–0032 (JP). **YABE, Takuma** [JP/JP]; 3–110, Nakabun, Ageo–shi, Saitama–ken 362–0067 (JP). **GUNJI, Tomomichi** [JP/JP]; Laboratory for Powder Technology, Nitchitsu Co., Ltd., 351–1, Kamitano, Arakawa–mura, Chichibu–gun, Saitama–ken, 369–1802 (JP). **OISHI, Toru** [JP/JP]; Research & Development Laboratories, Nippon Steel Chemical Co., Ltd., 15–1, Shinminato, Kisarazu–shi, Chiba–ken 292–0836 (JP).

(74) **NARUSE, Katsuo** et al. / etc.; 5th floor, Go Building, 11–5, Nishi–shinbashi 2–chome, Minato–ku, Tokyo 105–0003 (JP).

(81) US; 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] **C02F 5/00**

(11) **WO 00/18695** (13) A2

(21) PCT/EP99/07200

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 9821082.6 **30 Sep/sep 1998 (30.09.1998)** GB

(30) 9828260.1 **23 Dec/déc 1998 (23.12.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • WATER TREATMENT
• TRAITEMENT DE L'EAU

(71) **ALBRIGHT & WILSON UK LIMITED** [GB/GB]; 210–222 Hagley Road West, Oldbury, West Midlands B68 0NN (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DAVIS, Keith, Philip** [GB/GB]; 3 Holly Close, Kinver, Staffordshire DY7 6BP (GB). **DOCHERTY, Gordon, Findlay** [GB/GB]; 175 Highbury Road, Kings Heath, Birmingham B14 7QS (GB). **WOODWARD, Gary** [GB/GB]; 49 Balmoral Court, Chaddesley Road, Kidderminster, Worcestershire DY10 3AH (GB).

(74) **SAVIDGE, Roger, Gordon, Madgwick**; Albright & Wilson UK Limited, 210–222 Hagley Road West, Oldbury, West Midlands B68 0NN (GB).

(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; 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] **C03C 25/02, C08F 290/06, C09D 171/00, C08L 71/00, G02B 6/44, C08G 18/67**

(11) **WO 00/18696** (13) A1

(21) PCT/NL99/00598

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/163,188 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • RADIATION–CURABLE COMPOSITION
• COMPOSITION POLYMERISABLE PAR RAYONNEMENT

(71) **DSM N.V.** [NL/NL]; Het Overloon 1, NL–6411 TE Heerlen (NL).

(72) **SNOWWHITE, Paul, Eugene**; 1 Cobbles Court, South Elgin, IL 60177 (US).

(74) **DEN HARTOG, Jeroen, Hendrikus, Joseph**; DSM Patents & Trademarks, P.O. Box 9, NL–6160 MA Geleen (NL).

(81) CN JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **C03C 25/02, B29C 35/10**

(11) **WO 00/18697** (13) A1

(21) PCT/US99/02051

(22) **29 Jan/jan 1999 (29.01.1999)**

(25) en (26) en

(30) 09/164,015 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD OF MANUFACTURING COATED OPTICAL FIBERS
• PROCEDE DE FABRICATION DE FIBRES OPTIQUES REVETUES

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133–3427 (US).

(72) **LYNCH, Thomas, Martin**; P.O. Box 33427, Saint Paul, MN 55133–3427 (US). **NELSON, Brian, Kenneth**; P.O. Box 33427, Saint Paul, MN 55133–3427 (US). **NOVACK, James, Craig**; P.O. Box 33427, Saint Paul, MN 55133–3427 (US). **ONSTOTT, James, Robert**; P.O. Box 33427, Saint Paul, MN 55133–3427 (US).

(74) **HO, Néstor, F.** et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133–3427 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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] **C03C 27/12, C08L 29/14**

(11) **WO 00/18698** (13) A1

(21) PCT/JP99/05383

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) ja (26) ja

(30) 10/277447 **30 Sep/sep 1998 (30.09.1998)** JP

(30) 11/40047 **18 Feb/fév 1999 (18.02.1999)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INTERMEDIATE FILM FOR LAMINATED GLASS AND LAMINATED GLASS
• FILM INTERMEDIAIRE POUR VERRE STRATIFIE ET VERRE STRATIFIE AINSI OBTENU

(71) **SEKISUI CHEMICAL CO., LTD.** [JP/JP]; 4–4, Nishitenma 2–chome, Kita–ku, Osaka–shi, Osaka 530–8565 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHOHI, Hajime** [JP/JP]; 2–9, Aoyama 6–chome, Otsu–shi, Shiga 520–2101 (JP). **HATTORI, Tsuyoshi** [JP/JP]; 285–1, Aida, Igacho, Ayama–gun, Mie 519–1413 (JP). **MIYAI, Jiro** [JP/JP]; 1–40–402, Ishibehigashi 1–chome, Ishibecho, Koka–gun, Shiga 520–3107 (JP).

(74) **YASUTOMI, Yasuo**; Recruit Shin Osaka Building 4F, 14–22, Nishinakajima 5–chome, Yodogawa–ku, Osaka–shi, Osaka 532–0011 (JP).

(81) AU BR CA JP KR MX SG US ZA; 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] **C04B 7/47**

(11) **WO 00/18699** (13) A1

(21) PCT/CA99/00881

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 09/159,792 **24 Sep/sep 1998 (24.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS FOR PRODUCING CEMENT CLINKER CONTAINING BLAST FURNACE SLAG
• PROCEDE DE PRODUCTION DE CLINKER AU LAITIER

(63) US 09/159,792 (CIP)
24 Sep/sep 1998 (24.09.1998)

(71) **LAFARGE CANADA INC.** [CA/CA]; 606 Cathcart Street, Montréal, Québec H3B 1L7 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OATES, David, Bridson** [CA/CA]; R.R. 2, Kettleby, Ontario L0G 1J0 (CA). **VAN SLOTEN, Alan, Melvin** [CA/CA]; 3452 John Street, Vineland Station, Ontario L0R 2E0 (CA). **CAIL, Kevin, Moire**

[CA/CA]; 180 Delayne Drive, Aurora, Ontario L4G 5B6 (CA).

(74) **MURPHY, Kevin, P.**; Swabey Ogilvy Renault, Suite 1600, 1981 McGill College Avenue, Montreal, Québec H3A 2Y3 (CA).

(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 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; 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] **C04B 35/00**

(11) **WO 00/18700** (13) A1

(21) PCT/JP99/05237

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) ja (26) ja

(30) 10/278698 **30 Sep/sep 1998** JP **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • UNBURNED CARBON–CONTAINING REFRACTORY MATERIAL AND VESSEL FOR MOLTEN METAL
• MATERIAU REFRACTAIRE NON BRULE CONTENANT DU CARBONE ET RECIPIENT POUR METAL EN FUSION

(71) **SHINAGAWA REFRACTORIES CO., LTD.** [JP/JP]; 2–1, Ohtemachi 2–chome, Chiyoda–ku, Tokyo 100–0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NOMURA, Osamu** [JP/JP]; Shinagawa Refractories Co., Ltd., 2–1, Ohtemachi 2–chome, Chiyoda–ku, Tokyo 100–0004 (JP). **HOSHIYAMA, Yasuhiro** [JP/JP]; Shinagawa Refractories Co., Ltd., 2–1, Ohtemachi 2–chome, Chiyoda–ku, Tokyo 100–0004 (JP). **TORIGOE, Atsushi** [JP/JP]; Shinagawa Refractories Co., Ltd., 2–1, Ohtemachi 2–chome, Chiyoda–ku, Tokyo 100–0004 (JP).

(74) **MIYAKOSHI, Noriaki**; SHIN–EI Patent Office, ARK Mori Building, 29th floor, 12–32, Akasaka 1–chome, Minato–ku, Tokyo 107–6029 (JP).

(81) AU CN IN KR US; 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] **C04B 35/49, H01B 3/12**

(11) **WO 00/18701** (13) A1

(21) PCT/JP99/05379

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) ja (26) ja

(30) 10/292851 **30 Sep/sep 1998** JP **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • UNREDUCED DIELECTRIC CERAMIC MATERIAL, PROCESS FOR PRODUCING THE SAME, AND LAYER–BUILT CERAMIC CAPACITOR
• MATIERE CERAMIQUE DIELECTRIQUE NON REDUITE, PROCEDE DE PRODUCTION DE LADITE MATIERE ET CONDENSATEUR CERAMIQUE A COUCHES

(71) **TDK CORPORATION** [JP/JP]; 13–1, Nihonbashi 1–chome, Chuo–ku, Tokyo 103–8272 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUJII, Mari** [JP/JP]; TDK Corporation, 13–1, Nihonbashi 1–chome, Chuo–ku, Tokyo 103–8272 (JP). **SATO, Akira** [JP/JP]; TDK Corporation, 13–1, Nihonbashi 1–chome, Chuo–ku, Tokyo 103–8272 (JP). **SATO, Shigeki** [JP/JP]; TDK Corporation, 13–1, Nihonbashi 1–chome, Chuo–ku, Tokyo 103–8272 (JP). **NOMURA, Takeshi** [JP/JP]; TDK Corporation, 13–1, Nihonbashi 1–chome, Chuo–ku, Tokyo 103–8272 (JP).

(74) **ISHII, Yoichi**; Tenjin Iyasaka Kosan Building, 3F, 23–1, Yushima 3–chome, Bunkyo–ku, Tokyo 113–0034 (JP).

(81) CN KR US; 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] **C04B 35/573, C09K 3/14, B23B 27/14**

(11) **WO 00/18702** (13) A1

(21) PCT/EP99/01420

(22) **4 Mar/mar 1999 (04.03.1999)**

(25) en (26) en

(30) 98118300 **28 Sep/sep 1998** RU **(28.09.1998)**

(30) 99100821 **26 Jan/jan 1999** RU **(26.01.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD OF MANUFACTURING A DIAMOND COMPOSITE AND A COMPOSITE PRODUCED BY SAME
• PROCEDE DE FABRICATION DE COMPOSITE A BASE DE DIAMANT ET COMPOSITE PRODUIT A L'AIDE DE CE PROCEDE

(71) **SCIENTIFIC RESEARCH CENTER "AMT" OF CENTRAL RESEARCH INSTITURE FOR MATERIALS** [RU/RU]; 8, Paradnaya Street, St. Petersburg 191014 (RU).
(only for / seulement pour AM AZ BY GE KG KZ MD RU TJ TM UA UZ)

(71) **FRENTON LTD.** [GB/GB]; 2nd floor, Atlantic House, Circular Road, Douglas, Isle of Man IM1 1SQ (GB).
(for all designated States except / pour tous les États désignés sauf AM AZ BY GE KG KZ MD RU TJ TM UA US UZ)

(72, 75) **GORDEEV, Sergey K.** [RU/RU]; Apartment 342, Marshal Kazakov Street 28/1, St. Petersburg 198332 (RU). **EKSTRÖM, Tommy** [SE/SE]; Karlbergsvägen 82, S–113 35 Stockholm (SE).

(74) **HYLTNER, Jan–Olof** et al. / etc.; Göteborgs Patentbyrä Dahls AB, Box 606, S–182 16 Danderyd (SE).

(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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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)[6] **C05D 9/02**

(11) **WO 00/18703** (13) A1

(21) PCT/US99/19717

(22) **31 Aug/août 1999 (31.08.1999)**

(25) en (26) en

(30) 09/162,013 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IMPROVED SOIL NUTRIENT COMPOSITIONS AND METHODS OF USING SAME
• COMPOSITIONS NUTRITIVES AMELIOREES POUR SOLS ET METHODES D'UTILISATION

(71, 72) **SANDERS, John, Larry** [US/US]; 13101 Canterbury, Leawood, KS 66209 (US).

(74) **COLOMBO, Andrew, G.**; Hovey, Williams, Timmons & Collins, Suite 400, 2405 Grand Boulevard, Kansas City, MO 64108 (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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **C06B 31/28, C01C 1/18**

(11) **WO 00/18704** (13) A1

(21) PCT/EP99/06746

(22) **11 Sep/sep 1999 (11.09.1999)**

(25) de (26) de

(30) 198 44 350.1 **28 Sep/sep 1998** DE **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS FOR PRODUCING PHASE–STABILIZED AMMONIUM NITRATE

• PROCEDE POUR PRODUIRE DU NITRATE D'AMMONIUM A PHASES STABILISEES

(71) **FRAUNHOFER–GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [DE/DE]; Leonrodstrasse 54, D–80636 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ENGEL, Walter** [DE/DE]; Frühlingstrasse 21, D–76327 Wöschbach (DE). **HEINISCH, Herbert** [DE/DE]; Feldbergweg 19, D–76275 Ettlingen (DE).

(74) **LICHTI, Heiner** et al. / etc.; Postfach 41 07 60, D–76207 Karlsruhe (DE).

(81) CA NO US ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **C06D 5/00**

(11) **WO 00/18705** (13) A1

(21) PCT/JP99/05296

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) ja (26) ja

(30) 10/273206 **28 Sep/sep 1998 (28.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • GAS GENERATOR COMPOSITION
• COMPOSITION DE GENERATEUR DE GAZ

(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) **WU, Jianzhou** [CN/JP]; 1903–3–224, Yokohama, Aboshi–ku, Himeji–shi, Hyogo 671–1254 (JP).

(74) **FURUYA, Kaoru** et al. / etc.; Hamacho–Hanacho Building, 6th floor, 2–17–8, Nihonbashi–Hamacho, Chuo–ku, Tokyo 103–0007 (JP).

(81) CN DE KR US.

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(51)[7] **C07B 37/00, 35/06, C07C 13/04, 22/00**

(11) **WO 00/18706** (13) A1

(21) PCT/US99/22828

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,643 **1 Oct/oct 1998 (01.10.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS FOR THE PREPARATION OF CYCLOPROPYLACETYLENE
• PROCEDE DE PREPARATION DE CYCLOPROPYLACETYLENE

(71) **DU PONT PHARMACEUTICALS COMPANY** [US/US]; 974 Centre Road, WR–1ST18, Wilmington, DE 19807 (US).

(72) **WANG, Zhe**; 67 Westwoods Boulevard, Hockessin, DE 19707 (US). **FORTUNAK, Joseph, M.**; 19 Somerset Lane, Newark, DE 19711 (US).

(74) **LARSEN, Scott, K.**; Du Pont Pharmaceuticals Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) AU BR CA CN CZ EE HU IL IN JP KR LT LV MX NO NZ PL RO SG SI SK TR UA VN ZA; EA (AM AZ BY KG 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] **C07B 37/02, C07C 43/275 // 2/66**

(11) **WO 00/18707** (13) A1

(21) PCT/US99/22412

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 09/164,276 **1 Oct/oct 1998 (01.10.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ALKYLATION OF AROMATIC COMPOUNDS WITH α–OLEFINS USING ZEOLITE CATALYSTS
• ALKYLATION DE COMPOSES AROMATIQUES A L'AIDE D'ALPHA–OLEFINES UTILISANT DES CATALYSEURS DE ZEOLITE

(71) **SOLUTIA INC.** [US/US]; 575 Maryville Center Drive, St. Louis, MO 63141 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MCGHEE, William, Dennis** [US/US]; 300 Arlington Glen Court, Fenton, MO 63026 (US). **SALL, Erik, Delisle** [US/US]; 45 Witmer Drive, Chesterfield, MO 63017 (US). **SMITH, Robert, Gene, Jr.** [US/US]; 30 Laverne, Fenton, MO 63026 (US).

(74) **SIECKMANN, Gordon, F.** et al. / etc.; Thompson Coburn LLP, One Mercantile Center, St. Louis, MO 63101 (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 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; 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] **C07B 53/00, 43/04 // C07D 217/10, 209/08**

(11) **WO 00/18708** (13) A1

(21) PCT/GB99/03176

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 9821067.7 **29 Sep/sep 1998 (29.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TRANSFER HYDROGENATION PROCESS
• HYDROGENATION PAR TRANSFERT

(71) **AVECIA LIMITED** [GB/GB]; Hexagon House, Blackley, Manchester M9 8ZS (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BLACKER, Andrew, John** [GB/GB]; Leeds Road, P.O. Box A38, Huddersfield, West Yorkshire HD2 1FF (GB). **CAMPBELL, Lynne** [GB/GB]; Leeds Road, P.O. Box A38, Huddersfield, West Yorkshire HD2 1FF (GB).

(74) **REVELL, Christopher**; Avecia Limited, Intellectual Property Group, Hexagon House, P.O. Box 42, Blackley, Manchester M9 8ZS (GB) et al. / etc.

(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; 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**

(11) **WO 00/18709** (13) A2

(21) PCT/US99/21943

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) en (26) en

(30) 09/162,570 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS FOR THE PRODUCTION OF CYCLOPROPANEMETHYLAMINE
• PROCEDE DE PRODUCTION DE CYCLOPROPANEMETHYLAMINE

(71) **EASTMAN CHEMICAL COMPANY** [US/US]; 100 North Eastman Road, Kingsport, TN 37660 (US).

(72) **LIANG, Shaowo**; 39 Parker Drive, Batesville, AR 72501 (US).

(74) **BLAKE, Michael, J.**; P.O. Box 511, Kingsport, TX 37662–5075 (US).

(81) ; 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 5/25, 13/43, B01J 23/04**

(11) **WO 00/18710** (13) A1

(21) PCT/US99/22324

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 09/163,071 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ISOMERIZATION OF OLEFINS

• ISOMERISATION D'OLEFINES

(71) **EXXON CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520 (US).

(72) **SMITH, Robert, S.**; 1018 Buoy, Houston, TX 77062 (US). **WRISTERS, Jos, P.**; 706 East Shore Drive, Clear Lake Shores, TX 77565 (US).

(74) **KELLER, Bradley, A.** et al. / etc.; Exxon 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 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; 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 17/10, C07B 39/00, C07C 19/07, 23/08, 23/10, 23/14, 23/38**

(11) **WO 00/18711** (13) A1

(21) PCT/EP99/07149

(22) **25 Sep/sep 1999 (25.09.1999)**

(25) de (26) de

(30) 198 44 865.1 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR IODINATING PARENT COMPOUNDS CONTAINING SECONDARY CH–BONDS OR FOR IODINATING POLYCYCLIC PARENT COMPOUNDS CONTAINING TERTIARY CH–BONDS

• PROCEDE DE IODATION DE COMPOSES DE DEPART CONTENANT DES LIAISONS SECONDAIRES CH OU BIEN DE COMPOSES DE DEPART POLYCYCLIQUES CONTENANT DES LIAISONS TERTIAIRES CH

(71, 72) **SCHREINER, Peter, R.** [DE/DE]; Nachtigallshof 12, D–37077 Göttingen (DE).

(72, 75) **FOKIN, Andrej, A.** [UA/UA]; Apartment 133, Entuziastov 29/1, Kiev, 25212 (UA). **BUTOVA, Ekaterina, D.** [UA/UA]; Apartment 92, Stadionnaya 13, Kiev, 25204 (UA). **LAUENSTEIN, Olivier** [DE/DE]; Zehntscheuner Strasse 17a, D–37081 Göttingen (DE).

(74) **EMMEL, Thomas**; Schaefer & Emmel, Gehölzweg 20, D–22043 Hamburg (DE).

(81) JP US; 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 29/149, 31/20, 67/37, 69/675**

(11) **WO 00/18712** (13) A1

(21) PCT/EP99/07395

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/163,534 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS FOR PREPARING 1,3–PROPANEDIOL FROM METHYL 3–HYDROXYPROPIONATE

• PROCEDE DE PREPARATION DE 1,3–PROPANEDIOL A PARTIR DE METHYLE 3–HYDROXYPROPIONATE

(71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL–2596 HR The Hague (NL).

(72) **FORSCHNER, Thomas, Clayton**; 2211 Woodland Drive, Richmond, TX 77469 (US). **POWELL, Joseph, Broun**; 10506 Normont Drive, Houston, TX 77070 (US). **SLAUGH, Lynn, Henry**; 11911 Cypresswood Drive, Houston, TX 77070 (US). **WEIDER, Paul, Richard**; 15014 Tramore, Houston, TX 77083 (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 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; 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 41/42, 43/15**

(11) **WO 00/18713** (13) A1

(21) PCT/SE99/01711

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 9803315–2 **30 Sep/sep 1998** SE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD IN RECOVERY OF TRIMETHYLOLPROPANE TRIALLYL OR DIALLYL ETHER

• PROCEDE DE RECUPERATION D'ETHER TRIALLYLE OU DIALLYLE DE TRIMETHYLOL–PROPANE

(71) **PERSTORP AB** [SE/SE]; S–284 80 Perstorp (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MÖLLBY, Nils** [SE/SE]; S:t Eriksg 85 u4 NB, S–113 32 Stockholm (SE). **RASMUSON, Åke** [SE/SE]; Kungl Tekn Högskolan, Institutionen för Kemi–Teknik, S–100 44 Stockholm (SE). **PAJALIC, Oleg** [SE/SE]; S. Långgatan 31, S–291 59 Kristianstad (SE).

(74) **STENBERG, Yngve**; Perstorp AB, S–284 80 Perstorp (SE).

(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; 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 45/68, 253/30, 255/56, C07B 37/04**

(11) **WO 00/18714** (13) A1

(21) PCT/FR99/02264

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) fr (26) fr

(30) 98/12086 **28 Sep/sep 1998** FR **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR ARYLATION OF ACETOPHENONE TYPE COMPOUNDS

• PROCEDE D'ARYLATION DE COMPOSES DE TYPE ACETOPHENONE

(71) **RHODIA CHIMIE** [FR/FR]; 25, quai Paul Doumer, F–92408 Courbevoie Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DESMURS, Jean–Roger** [FR/FR]; La Jonquière – Route de Ternay, Communay, F–69360 St Symphorien D'Ozon (FR). **MAS, Jean–Manuel** [FR/FR]; Maison Neuve, 11, chemin du Coin, F–69390 Millery (FR). **PIETTRE, Serge** [FR/FR]; Manoir d'Aulage, F–76270 Saint Martin L'Hortier (FR). **MEYER, Luc** [FR/FR]; 2, rue de l'Ecole, F–76330 Petiville (FR).

(74) **DUTRUC–ROSSET, Marie–Claude**; Rhodia Services, Direction de la Propriété Industrielle, 25, quai Paul Doumer, F–92408 Courbevoie Cedex (FR).

(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; 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 51/08, 57/30**

(11) **WO 00/18715** (13) A1

(21) PCT/EP99/06829

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) de (26) de

(30) 198 44 225.4 **26 Sep/sep 1998** DE **(26.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR PRESSURELESS PRODUCTION OF α,α–DIMETHYLPHENYL ACETIC ACID FROM α,α–DIMETHYL BENZYL CYANIDE
• PROCEDE DE PRODUCTION SANS PRESSION D'ACIDE α,α–DIMETHYLPHENYLACETIQUE A PARTIR DE α,α–DIMETHYLBENZYLCYANURE

(71) **AVENTIS PHARMA DEUTSCHLAND GMBH** [DE/DE]; Brüningstrasse 50, D–65929 Frankfurt am Main (DE).

(72) **KORB, Gerhard**; Reichenberger Ring 47, D–63512 Hainburg (DE). **FLEMMING, Hans–Wolfram**; An den Tannen 3, D–61250 Usingen (DE). **LEHNERT, Rudolf**; Am Heiligenhaus 7, D–55122 Mainz (DE). **RYBCZYNSKI, Wolfgang**; Camberger Strasse 5 A, D–65597 Hünfelden–Ohren (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 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; 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 : *(c)*

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(51)[6] **C07C 51/09, 57/10**

(11) **WO 00/18716** (13) A1

(21) PCT/JP99/05125

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) ja (26) ja

(30) 10/275658 **29 Sep/sep 1998** JP **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS FOR THE PREPARATION OF SORBIC ACID OR SALTS THEREOF
• PROCEDE DE PREPARATION D'ACIDE SORBIQUE OU DE SELS D'ACIDE SORBIQUE

(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) **YAMASHITA, Akira** [JP/JP]; 2–5, Hakusan–cho, Arai–shi, Niigata 944–0047 (JP). **KOUNO, Mitsuhiro** [JP/JP]; 2–5–1–403, Hidanomori, Arai–shi, Niigata 944–0016 (JP).

(74) **GOTO, Yukihisa**; 202, Masuda Building, 7–16, Higashitenma 2–chome, Kita–ku, Osaka–shi, Osaka 530–0044 (JP).

(81) CN US; 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 53/06, 51/41**

(11) **WO 00/18717** (13) A1

(21) PCT/FI99/00789

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) fi (26) en

(30) 982076 **25 Sep/sep 1998** FI **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR MANUFACTURING ALKALI METAL OR ALKALINE–EARTH METAL FORMATE
• PROCEDE DE FABRICATION DE FORMIATE DE METAUX ALCALINS OU ALCALINO–TERREUX

(71) **KEMIRA CHEMICALS OY** [FI/FI]; Porkkalankatu 3, FIN–00180 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PAATERO, Erkki** [FI/FI]; Kavallintie 13 C, FIN–02700 Kauniainen (FI). **LAHTINEN, Marko** [FI/FI]; Fleminginkatu 21 B 61, FIN–00500 Helsinki (FI). **SAARI, Kari** [FI/FI]; Löydöspolku 2 E 60, FIN–01600 Vantaa (FI). **VAPAAOKSA, Pekka** [FI/FI]; Ristinarkuntie 3 C, FIN–33700 Tampere (FI).

(74) **TAMPEREEN PATENTTITOIMISTO OY**; Hermiankatu 6, FIN–33720 Tampere (FI).

(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 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; 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 67/343, 69/716**

(11) **WO 00/18718** (13) A1

(21) PCT/EP99/07100

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) de (26) de

(30) 98118191.0 **25 Sep/sep 1998** EP **(25.09.1998)**

(30) 60/147,041 **3 Aug/août 1999** US **(03.08.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR PRODUCING 6,6–DIALKOXY–5–HYDROXY–3–OXO–HEXANOIC ACID ESTERS
• PROCEDE DE PRODUCTION D'ESTERS D'ACIDE 6,6–DIALCOXY–5–HYDROXY–3–OXOCAPROIQUE

(71) **LONZA AG** [CH/CH]; (Geschäftsleitung: 4002 Basel), CH–3945 Gampel/Wallis (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHRÖER, Josef** [DE/CH]; Properryweg, Haus Siesta A, CH–3952 Susten (CH).

(74) **RITTHALTER, Wolfgang** et al. / etc.; Winter, Brandl & Partner, Alois–Steinecker–Strasse 22, D–85354 Freising (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 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; 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 68/00, 69/96**

(11) **WO 00/18719** (13) A1

(21) PCT/US99/13966

(22) **21 Jun/juin 1999 (21.06.1999)**

(25) en (26) en

(30) 09/160,929 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS FOR THE ISOLATION AND REMOVAL OF UNWANTED WATER FROM A CHEMICAL REACTION
• PROCEDE POUR ISOLER ET ELIMINER L'EAU INDESIREE D'UNE REACTION CHIMIQUE

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **BATTISTA, Richard, Anthony**; 23 Lindsay Drive, Dalton, MA 01226 (US). **LO, Francis, Shih–Chang**; 16 Homet Road, Pasadena, CA 91106 (US). **TATTERSON, Robert, Lawrence**; 1 Avenida, 45, Ubanizacion Parque de La Palme, Los Torres de Cotillas, Murcia (ES).

(74) **SNYDER, Bernard** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) BR CN IN JP KR SG; 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 68/06, 69/96**

(11) **WO 00/18720** (13) A1

(21) PCT/US99/13882

(22) **21 Jun/juin 1999 (21.06.1999)**

(25) en (26) en

(30) 09/160,661 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS FOR CONTINUOUS PRODUCTION OF CARBONATE ESTERS

- PROCEDE DE PRODUCTION CONTINUE D'ESTERS DE CARBONATE

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **OYEVAAR, Martin, Herke**; Valckeslotlaan 149, NL–4461 SC Goes (NL). **TO, Bill, Wia, Shing**; 146 Shady Hollow Drive, Scarborough, Ontario (CA). **DOHERTY, Michael, Francis**; 83 Chestnut Hill Road, Montague, MA 01351 (US). **MALONE, Michael, Francis**; 6 Kamins Circle, Amherst, MA 01002–2916 (US).

(74) **SNYDER, Bernard** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) BR CN IN JP KR SG; 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 215/16, 215/76, 215/50, 217/90, 217/84, C07D 263/06, 251/16, A61K 31/135, 31/33**

(11) **WO 00/18721** (13) A1

(21) PCT/US99/22119

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 60/101,663 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54)
- SUBSTITUTED POLYCYCLIC ARYL AND HETEROARYL *TERTIARY*–HETEROALKYLAMINES USEFUL FOR INHIBITING CHOLESTERYL ESTER TRANSFER PROTEIN ACTIVITY
- ARYL– ET HETEROARYL–HETEROALKYLAMINES TERTIAIRES POLYCYCLIQUES SUBSTITUEES, UTILES COMME INHIBITEURS DE L'ACTIVITE DE LA PROTEINE DE TRANSFERT DE L'ESTER DE CHOLESTERYLE

(71) **MONSANTO COMPANY** [US/US]; Corporate Patent Department, P.O. Box 5110, Chicago, IL 60680 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SIKORSKI, James, A.** [US/US]; 2313 East Royal Court, Des Peres, MO 63131 (US). **DURLEY, Richard, C.** [US/US]; 509 Princeton Gate Court, Chesterfield, MO 63017 (US). **MISCHKE, Deborah, A.** [US/US]; 25 White River Lane, Defiance, MO 63341 (US). **REINHARD, Emily, J.** [US/US]; 1132 Wilderness Bluff Court, Chesterfield, MO 62205 (US). **FOBIAN, Yvette, M.** [US/US]; 1260 Fiddle Creek, Labadie, MO 63055 (US). **TOLLEFSON, Michael, B.** [US/US]; 219 Brougham Drive, O'Fallon, MO 63366 (US). **WANG, Lijuan** [US/US]; 919 Crown Pointe Estate Drive, Wildwood, MO 63021 (US). **GRAPPERHAUS, Margaret, L.** [US/US]; 518 Nancy Court, Troy, IL 62294 (US). **HICKORY, Brian, S.** [US/US]; 16883 Paradise Peak Circle, Wildwood, MO 63011 (US). **MASSA, Mark, A.** [US/US]; 422 Buckhurst Drive, Ballwin, MO 63021 (US). **NORTON, Monica, B.** [US/US]; 7777 Gissler Avenue, St. Louis, MO 63117 (US). **VERNIER, William, F.** [US/US]; 1535 Oak Forest Spur Drive, St. Louis, MO 63146 (US). **PARNAS, Barry, L.** [US/US]; 7715 Blackberry Avenue, University City, MO 63130 (US). **PROMO, Michele, A.** [US/US]; 1366 Westmeade Drive, Chesterfield, MO 63017 (US). **HAMME, Ashton, T.** [US/US]; 1501 B Oak Forest Parkway Court, St. Louis, MO 63146 (US). **SPANGLER, Dale, P.** [US/US]; 30 Kimberly Court, Deerfield, IL 60015 (US). **RUEPPEL, Melvin, L.** [US/US]; 1904 Grassy Ridge Road, St. Louis, MO 63122 (US).

(74) **KEANE, J., Timothy** et al. / etc.; G.D. Searle & Co., Corporate Patent Dept., P.O. Box 5110, Chicago, IL 60680–5110 (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 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; 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 217/00**

(11) **WO 00/18722** (13) A2

(21) PCT/ES99/00294

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) es (26) es

(30) P 9802014 **28 Sep/sep 1998** ES **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54)
- NEW DERIVATIVES OF 6–(4–PHENYLBUTOXY)HEXYLAMINE AND PROCESS FOR PRODUCING SALMETEROL
- NOUVEAUX DERIVES DE LA 6–(4–PHENYLBUTOXY)HEXYLAMINE ET PROCEDE D'OBTENTION DE SALMETEROL

(71) **VITA–INVEST, S.A.** [ES/ES]; Calle Fontsanta, 12–14, E–08970 Sant Joan Despi (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BESSA BELLMUNT, Jordi** [ES/ES]; Calle Corsega, 397, E–08037 Barcelona (ES). **DALMASES BARJOAN, Pere** [ES/ES]; Pi i Margall, 7, E–08980 Sant Feliu de Llobregat (ES). **MARQUILLAS OLONDRIZ, Francisco** [ES/ES]; Maria Auxiliadora, 19, E–08017 Barcelona (ES).

(74) **PONTI SALES, Adelaida** et al. / etc.; Calle Consell de Cent, 322, E–08007 Barcelona (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 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; 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 217/52, 215/16, 215/76, 215/50, 217/82, 217/54, C07D 213/74, 309/14, A61K 31/135, 31/33**

(11) **WO 00/18723** (13) A1

(21) PCT/US99/22123

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 60/101,660 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54)
- SUBSTITUTED N–ALIPHATIC–N–AROMATIC *TERTIARY*–HETEROALKYLAMINES USEFUL FOR INHIBITING CHOLESTERYL ESTER TRANSFER PROTEIN ACTIVITY
- HETEROALKYLAMINES TERTIAIRES N–ALIPHATIQUES–N–AROMATIQUES SUBSTITUEES, UTILES COMME INHIBITEURS DE L'ACTIVITE DE LA PROTEINE DE TRANSFERT DE L'ESTER DE CHOLESTERYLE

(71) **MONSANTO COMPANY** [US/US]; Corporate Patent Dept., P.O. Box 5110, Chicago, IL 60680 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SIKORSKI, James, A.** [US/US]; 2313 East Royal Court, Des Peres, MO 63131 (US). **DURLEY, Richard, C.** [US/US]; 509 Princeton Gate Court, Chesterfield, MO 63017 (US). **GRAPPERHAUS, Margaret, L.** [US/US]; 518 Nancy Court, Troy, IL 62294 (US). **MISCHKE, Deborah, A.** [US/US]; 25 White River Lane, Defiance, MO 63341 (US). **REINHARD, Emily, J.** [US/US]; 1132 Wilderness Bluff Court, Chesterfield, MO 62005 (US). **PARNAS, Barry, L.** [US/US]; 7715 Blackberry Avenue, University City, MO 63130 (US). **RUEPPEL, Melvin, L.** [US/US]; 1904 Grassy Ridge Road, St. Louis, MO 63122 (US).

(74) **KEANE, J., Timothy** et al. / etc.; G.D. Searle & Co., Corporate Patent Dept., P.O. Box 5110, Chicago, IL 60680–5110 (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; 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).

(51)[7] **C07C 217/90, 217/84, C07D 263/06, 251/16, A61K 31/135, 31/33, C07C 217/82, 217/86, 239/20**

(11) **WO 00/18724** (13) A1

(21) PCT/US99/22120

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 60/101.663 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • (R)–CHIRAL HALOGENATED 1–SUBSTITUTEDAMINO–(n+1)–ALKANOLS USEFUL FOR INHIBITING CHOLESTERYL ESTER TRANSFER PROTEIN ACTIVITY
• AMINO–(N+1)–ALCANOLS 1–SUBSTITUES HALOGENES R–CHIRAUX, UTILES COMME INHIBITEURS DE L'ACTIVITE DE LA PROTEINE DE TRANSFERT DE L'ESTER DE CHOLESTERYLE

(71) **MONSANTO COMPANY** [US/US]; Corporate Patent Dept., P.O. Box 5110, Chicago, IL 60680 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SIKORSKI, James, A.** [US/US]; 2313 East Royal Court, Des Peres, MO 63131 (US). **DURLEY, Richard, C.** [US/US]; 509 Princeton Gate Court, Chesterfield, MO 63017 (US). **MISCHKE, Deborah, A.** [US/US]; 25 White River Lane, Defiance, MO 63341 (US). **REINHARD, Emily, J.** [US/US]; 1132 Wilderness Bluff Court, Chesterfield, MO 62205 (US). **FOBIAN, Yvette, M.** [US/US]; 1260 Fiddle Creek, Labadie, MO 63055 (US). **TOLLEFSON, Michael, B.** [US/US]; 219 Brougham Drive, O'Fallon, MO 63366 (US). **WANG, Lijuan** [US/US]; 919 Crown Pointe Estate Drive, Wildwood, MO 63021 (US). **GRAPPERHAUS, Margaret, L.** [US/US]; 518 Nancy Court, Troy, IL 62294 (US). **HICKORY, Brian, S.** [US/US]; 16883 Paradise Peak Circle, Wildwood, MO 63011 (US). **MASSA, Mark, A.** [US/US]; 422 Buckhurst Drive, Ballwin, MO 63021 (US). **NORTON, Monica, B.** [US/US]; 7777 Gissler Avenue, St. Louis, MO 63117 (US). **VERNIER, William, F.** [US/US]; 1535 Oak Forest Spur Drive, St. Louis, MO 63146 (US). **PROMO, Michele, A.** [US/US]; 1366 Westmeade Drive, Chesterfield, MO 63017 (US). **HAMME, Ashton, T.** [US/US]; 1501 B Oak Forest Parkway Court, St. Louis, MO 63146 (US). **SPANGLER, Dale, P.** [US/US]; 30 Kimberly Court, Deerfield, IL 60015 (US). **RUEPPEL, Melvin, L.** [US/US]; 1904 Grassy Ridge Road, St. Louis, MO 63122 (US).

(74) **KEANE, J., Timothy** et al. / etc.; G.D. Searle & Co., Corporate Patent Dept., P.O. Box 5110, Chicago, IL 60680–5110 (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 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; 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 237/22, 237/24, C07D 307/46, A61K 7/06, 31/165**

(11) **WO 00/18725** (13) A1

(21) PCT/US99/22213

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/102,448 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • 2–SUBSTITUTED KETOAMIDES
• CETOAMIDES 2–SUBSTITUES

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

(72) **McIVER, John, McMillan**; 999 Indian Springs Drive, Cincinnati, OH 45241 (US). **DEGENHARDT, Charles, Raymond**; 20555 Wellingwood Court, Cincinnati, OH 45240 (US). **EICKHOFF, David, Joseph**; 505 Garden Way, Edgewood, KY 41017 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217–1087 (US).

(81) AU BR CA CN JP MX; 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 249/08, 251/34, 251/60**

(11) **WO 00/18726** (13) A1

(21) PCT/EP99/06862

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) de (26) de

(30) 198 44 919.4 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR PREPARING TRION–BIS(OXIME ETHER) DERIVATIVES ANDRION–MONO AND TRION–BIS(OXIME ETHER) DERIVATIVES OBTAINED THEREWITH
• PROCEDE DE FABRICATION DE DERIVES DE TRION–BIS(OXIME–ETHER) ET DERIVES DE TRION–MONO– ET DE TRION–BIS(OXIME–ETHER) AINSI OBTENUS

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

(72, 75) **GROTE, Thomas** [DE/DE]; Breslauer Strasse 6, D–67105 Schifferstadt (DE). **WOLF, Bernd** [DE/DE]; Hallbergstrasse 4, D–67136 Fußgönheim (DE). **RACK, Michael** [DE/DE]; Sandwingert 67, D–69123 Heidelberg (DE). **GÖTZ, Roland** [DE/DE]; Langebrücker Strasse 25, D–68809 Neulußheim (DE). **GYPSER, Andreas** [DE/DE]; B 4.4, D–68159 Mannheim (DE). **STEINMETZ, Adrian** [DE/DE]; Burgstrasse 28, D–68165 Mannheim (DE). **SAUTER, Hubert** [DE/DE]; Korbangel 21, D–68305 Mannheim (DE). **KEIL, Michael** [DE/DE]; Fontanestrasse 4, D–67251 Freinsheim (DE). **MAYER, Horst** [DE/DE]; Faselwiese 19, D–67069 Ludwigshafen (DE).

(74) **BASF AKTIENGESELLSCHAFT**; D–67056 Ludwigshafen (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 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; 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 : *(c)*

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(51)[7] **C07C 251/34, 251/50, 249/12, 255/62, 253/30, 309/65, 311/09, 323/63, C07D 213/30, 213/61, 239/34, 295/22, A01N 39/04, 43/84, 43/40, 43/54, 47/12**

(11) **WO 00/18727** (13) A1

(21) PCT/JP99/05320

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) ja (26) ja

(30) 10/277554 **30 Sep/sep 1998** JP **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INTERMEDIATES IN THE PRODUCTION OF OXIME ETHER COMPOUNDS
• INTERMEDIAIRES DANS LA PRODUCTION DE COMPOSES D'OXIME–ETHER

(71) **SUMITOMO CHEMICAL COMPANY, LIMITED** [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) **HIROSE, Taro** [JP/JP]; 2–10–2–233, Sonehigashi–machi, Toyonaka–shi, Osaka 561–0802 (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 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 KE KG 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 US UZ VN YU ZA ZW; 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 253/34, 253/24**

(11) **WO 00/18728** (13) A1

(21) PCT/US99/22484

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 60/102,316 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD OF QUENCHING GASEOUS ACRYLONITRILE AND HYDROGEN CYANIDE PRODUCT STREAM
• PROCEDE D'EXTINCTION D'UN DEBIT DILUAT GAZEUX D'ACRYLONITRILE ET D'ACIDE CYANHYDRIQUE

(71) **SOLUTIA INC.** [US/US]; 575 Maryville Centre Drive, St. Louis, MO 63141 (US).

(72) **HUNT, Charles, R.**; 1801 N. Mission Cr., Friendswood, TX 77546 (US). **STEINMEYER, Daniel, R.**; 2008 Wilson Ridge Lane, Chesterfield, MO 63005 (US).

(74) **LUNDELL, Craig, M.**; Arnold White & Durkee, P.O. Box 4433, Houston, TX 77210 (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 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; 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 : *(c)*

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(51)[6] **C07C 315/02, 317/24, B01J 23/30**

(11) **WO 00/18729** (13) A1

(21) PCT/JP99/05190

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) ja (26) ja

(30) 10/278366 **30 Sep/sep 1998** JP **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS FOR PRODUCING ALKYLSULFONYLBENZALDEHYDE
• PROCEDE PERMETTANT DE PRODUIRE DES ALKYLSULFONYLBENZALDEHYDES

(71) **SUMITOMO SEIKA CHEMICALS CO., LTD.** [JP/JP]; 346–1, Miyanishi, Harima–cho, Kako–gun, Hyogo 675–0145 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KAGANO, Hirokazu** [JP/JP]; Sumitomo Seika Chemicals Co., Ltd., Fine Chemicals Research Laboratory, 346–1, Miyanishi, Harima–cho, Kako–gun, Hyogo 675–0145 (JP). **YAMAMOTO, Mikio** [JP/JP]; Sumitomo Seika Chemicals Co., Ltd., Fine Chemicals Research Laboratory, 346–1, Miyanishi, Harima–cho, Kako–gun, Hyogo 675–0145 (JP). **FUJITA, Koji** [JP/JP]; Sumitomo Seika Chemicals Co., Ltd., Fine Chemicals Research Laboratory, 346–1, Miyanishi, Harima–cho, Kako–gun, Hyogo 675–0145 (JP).

(74) **HOSODA, Yoshinori**; Hosoda International Patent Office, Otemae M2 Building, 8–1, Tanimachi 2–chome, Chuo–ku, Osaka–chi, Osaka 540–0012 (JP).

(81) CN IN US; 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] **C07D 21/330, A61K 31/44**

(11) **WO 00/18730** (13) A1

(21) PCT/SE99/01632

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 9803280–8 **25 Sep/sep 1998** SE **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NOVEL COMPOUNDS
• NOUVEAUX COMPOSES

(71) **ASTRA PHARMACEUTICALS LTD.** [GB/GB]; Home Park, Kings Langley, Herts WD4 8DH (GB). *(for all designated States except / pour tous les États désignés sauf MG US)*

(71) **ASTRA AKTIEBOLAG** [SE/SE]; S–151 85 Södertälje (SE). *(only for / seulement pour MG)*

(72, 75) **CHESHIRE, David** [GB/GB]; Astra Charnwood, Bakewell Road, Loughborough, Leics LE11 5RH (GB). **STOCKS, Michael** [GB/GB]; Astra Charnwood, Bakewell Road, Loughborough, Leics LE11 5RH (GB).

(74) **ASTRA AKTIEBOLAG**; Intellectual Property, Patents, S–151 85 Södertälje (SE).

(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 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; 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 21/334, A61K 31/44**

(11) **WO 00/18731** (13) A1

(21) PCT/SE99/01631

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 9803279–0 **25 Sep/sep 1998** SE **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NOVEL COMPOUNDS
• NOUVEAUX COMPOSES

(71) **ASTRA PHARMACEUTICALS LTD.** [GB/GB]; Home Park, Kings Langley, Herts. WD4 8DH (GB). *(for all designated States except / pour tous les États désignés sauf MG US)*

(71) **ASTRA AKTIEBOLAG** [SE/SE]; S–151 85 Södertälje (SE). *(only for / seulement pour MG)*

(72, 75) **CHESHIRE, David** [GB/GB]; Astra Charnwood, Bakewell Road, Loughborough, Leics. LE11 5RH (GB). **FURBER, Mark** [GB/GB]; Astra Charnwood, Bakewell Road, Loughborough, Leics. LE11 5RH (GB).

(74) **ASTRA AKTIEBOLAG**; Intellectual Property, Patents, S–151 85 Södertälje (SE).

(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 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; 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 207/00**

(11) **WO 00/18732** (13) A2

(21) PCT/EP99/07141

(22) **25 Sep/sep 1999 (25.09.1999)**

(25) de (26) de

(30) 198 44 787.6 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DISUBSTITUTED PYRROLIDINONES, MEDICAMENTS CONTAINING THESE COMPOUNDS, THEIR USE AND THE PRODUCTION THEREOF
• PYRROLIDINONES DISUBSTITUEES, MEDICAMENTS CONTENANT CES COMPOSES, LEUR UTILISATION ET LEUR PRODUCTION

(71) **BOEHRINGER INGELHEIM PHARMA KG** [DE/DE]; D–55216 Ingelheim/Rhein (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HIMMELSBACH, Frank** [DE/DE]; Ahornweg 16, D–88441 Mittelbiberach

(DE). **GUTH, Brian** [US/DE]; Kirchensteige 12, D–88447 Warthausen (DE). **SCHUBERT, Hans–Dieter** [DE/DE]; Mozartstrasse 4, D–88400 Biberach (DE).

(74) **LAUDIEN, Dieter**; Boehringer Ingelheim GmbH, B Patente, D–55216 Ingelheim/Rhein (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; 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 207/16, 211/60, 217/26, A61K 7/06, 31/401, 31/445, 31/472**

(11) **WO 00/18733** (13) A1

(21) PCT/US99/22211

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/102,449 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HETEROCYCLIC 2–SUBSTITUTED KETOAMIDES USEFUL FOR TREATING HAIR LOSS IN MAMMALS
• CETOAMIDES HETEROCYCLIQUES 2–SUBSTITUES DESTINEES AU TRAITEMENT DE LA CHUTE DE CHEVEUX CHEZ LES MAMMIFERES

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

(72) **McIVER, John, McMillan**; 9999 Indian Springs Drive, Cincinnati, OH 45241 (US). **DEGENHARDT, Charles, Raymond**; 20555 Wellingwood Court, Cincinnati, OH 45240 (US). **EICKHOFF, David, Joseph**; 505 Garden Way, Edgewood, KY 41017 (US).

(74) **REED, David, T.** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217–1087 (US).

(81) AU BR CA CN JP MX; 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] **C07D 209/34, A61K 31/40, C07D 209/48, 401/12, 403/12**

(11) **WO 00/18734** (13) A1

(21) PCT/EP99/07040

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) de (26) de

(30) 198 44 003.0 **25 Sep/sep 1998** DE **(25.09.1998)**

(30) 199 37 496.1 **7 Aug/août 1999** DE **(07.08.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NOVEL SUBSTITUTED INDOLINONES WITH AN INHIBITORY EFFECT ON VARIOUS KINASES AND CYCLIN/CDK COMPLEXES
• NOUVELLES INDOLINONES SUBSTITUEES A EFFET INHIBITEUR SUR DIFFERENTES KINASES ET DIFFERENTS COMPLEXES CYCLINE/CDK

(71) **BOEHRINGER INGELHEIM PHARMA KG** [DE/DE]; D–55216 Ingelheim/Rhein (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WALTER, Rainer** [DE/DE]; Probststrasse 3, D–88400 Biberach (DE). **GRELL, Wolfgang** [DE/DE]; Geschwister–Scholl–Strasse 18, D–88400 Biberach (DE). **HECKEL, Armin** [DE/DE]; Geschwister–Scholl–Strasse 71, D–88400 Bibrach (DE). **HIMMELSBACH, Frank** [DE/DE]; Ahornweg 16, D–7951 Mittelbiberach (DE). **EBERLEIN, Wolfgang** [DE/DE]; Obere Au 6, D–88400 Biberach (DE). **ROTH, Gerald** [DE/DE]; Akazienweg 47, D–88400 Biberach (DE). **VAN MEEL, Jacobus, C., A.** [NL/AT]; Weißes Kreuz Gasse 61, A–2340 Mödling (AT). **REDEMANN, Norbert** [DE/DE]; Köhlesrain 48, D–88400 Biberach (DE). **SPEVAK, Walter** [AT/AT]; Leoberndorfer Strasse 36, A–2105 Oberrohrbach (AT). **TONTSCH–GRUNT, Ulrike** [AT/AT]; Oetkerweg 6B, A–2500 Baden (AT). **VON RÜDEN, Thomas** [DE/DE]; Walter–Sartorius–Strasse 6, D–81152 Planegg (DE).

(74) **LAUDIEN, Dieter**; Boehringer Ingelheim GmbH, B Patente, D–55216 Ingelheim/Rhein (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; 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 : *(c)*

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(51)[7] **C07D 209/42, A61K 31/40, C07D 209/44, 217/26, A61K 31/47, C07D 471/04**

(11) **WO 00/18735** (13) A1

(21) PCT/US99/22212

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/102,539 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • 2–SUBSTITUTED HETEROCYCLIC SULFONAMIDES
• SULFONAMIDES HETEROCYCLIQUES SUBSTITUES EN POSITION 2

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

(72) **MCIVER, John, McMillan**; 9999 Indian Springs Drive, Cincinnati, OH 45241 (US). **DEGENHARDT, Charles, Raymond**; 20555 Wellingwood Court, Cincinnati, OH 45240 (US). **EICKHOFF, David, Joseph**; 505 Garden Way, Edgewood, KY 41017 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217–1087 (US).

(81) AU BR CA CN JP MX; 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] **C07D 213/30, A61K 31/44**

(11) **WO 00/18736** (13) A1

(21) PCT/SE99/01630

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 9803277–4 **25 Sep/sep 1998** SE **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NOVEL COMPOUNDS
• NOUVEAUX COMPOSES

(71) **ASTRA PHARMACEUTICALS LTD.** [GB/GB]; Home Park, Kings Langley, Herts WD4 8DH (GB).
(for all designated States except / pour tous les États désignés sauf MG US)

(71) **ASTRA AKTIEBOLAG** [SE/SE]; S–151 85 Södertälje (SE).
(only for / seulement pour MG)

(72, 75) **CHESHIRE, David** [GB/GB]; Astra Charnwood, Bakewell Road, Loughborough, Leics LE11 5RH (GB).

(74) **ASTRA AKTIEBOLAG**; Intellectual Property, Patents, S–151 85 Södertälje (SE).

(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 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; 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)[6] **C07D 213/53, 213/64, 307/52, 307/81, 215/22, 333/22, 333/58, 409/12, 405/12, 413/12, 417/12, 261/08, 277/34, 277/28, 277/68, 277/64, A01N 43/08, 43/10, 43/12, 43/40, 43/42, 43/76, 43/78, 43/80, 43/84**

(11) **WO 00/18737** (13) A1

(21) PCT/JP99/05056

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) ja (26) ja

(30) 10/274728 **29 Sep/sep 1998 (29.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HETEROCYCLIC DERIVATIVES HAVING ACARICIDAL ACTIVITY
• DERIVES HETEROCYCLIQUES POSSEDANT UNE ACTIVITE ACARICIDE

(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) **KAI, Hiroyuki** [JP/JP]; 32–11, Takada–cho, Yamatokoriyama–shi, Nara 639–1132 (JP). **TOMIDA, Minoru** [JP/JP]; 2508–16, Aburahi, Koka–cho, Koka–gun, Shiga 520–3413 (JP).

(74) **YAMAUCHI, Hideaki** et al. / etc.; Shionogi & Co., Ltd., Patent Dept., 12–4, Sagisu 5–chome, Fukushima–ku, Osaka–shi, Osaka 553–0002 (JP).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG 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; 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 213/82, 307/68, 333/38, 409/04, 263/34, 277/20, 417/02, 333/70, 307/84, 215/48, 231/14, 241/44, 249/06, 307/91, 401/04**

(11) **WO 00/18738** (13) A1

(21) PCT/GB99/03144

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) en (26) en

(30) 9820770.7 **25 Sep/sep 1998 (25.09.1998)** GB

(30) 9826938.4 **9 Dec/déc 1998 (09.12.1998)** GB

(30) 9905969.3 **17 Mar/mar 1999 (17.03.1999)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BENZAMIDE DERIVATIVES AND THEIR USE AS CYTOKINE INHIBITORS
• DERIVES DE BENZAMIDE ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE CYTOKINES

(71) **ZENECA LIMITED** [GB/GB]; 15 Stanhope Gate, London W1Y 6LN (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BROWN, Dearg, Sutherland** [GB/GB]; Alderley Park, Macclesfield, Cheshire SK10 4TG (GB). **BROWN, George, Robert** [GB/GB]; Alderley Park, Macclesfield, Cheshire SK10 4TG (GB).

(74) **TAIT, Brian, Steele**; AstraZeneca PLC, Global Intellectual Property, Mereside, Alderley Park, Macclesfield, Cheshire SK10 4TG (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 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; 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 215/22, 215/56**

(11) **WO 00/18739** (13) A1

(21) PCT/FR99/02263

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) fr (26) fr

(30) 98/12163 **29 Sep/sep 1998 (29.09.1998)** FR

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR PREPARING 4–HYDROXYQUINOLINES AND/OR TAUTOMERIC FORMS
• PROCEDE DE PREPARATION DE 4–HYDROXYQUINOLEINES ET/OU FORMES TAUTOMERES

(71) **RHODIA CHIMIE** [FR/FR]; 25, quai Paul Doumer, F–92408 Courbevoie Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DANG, Tuan–Phat** [FR/FR]; 29, rue Dugueslin, F–69008 Lyon (FR). **ROUSTAN, Alain** [FR/FR]; 75, chemin du Clos Burtin, F–69230 Saint Genis Laval (FR).

(74) **DUTRUC–ROSSET, Marie–Claude**; Rhodia Services, Direction de la Propriété Industrielle, 25, quai Paul Doumer, F–92408 Courbevoie (FR).

(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; 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 215/54, A61K 31/47, C07D 401/12, 417/12, 215/56, 401/04, 491/10, 405/12, 413/12 // (C07D 491/10, 317:00, 211:00)**

(11) **WO 00/18740** (13) A1

(21) PCT/US99/22056

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 09/162,289 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SUBSTITUTED 3–CYANOQUINOLINES AS PROTEIN TYROSINE KINASES INHIBITORS
• INHIBITEURS DE PROTEINES DE TYPE TYROSINE KINASES A BASE DE 3–CYANOQUINOLINES SUBSTITUEES

(71) **AMERICAN CYANAMID COMPANY** [US/US]; Five Giralda Farms, Madison, NJ 07940–0874 (US).

(72) **WISSNER, Allan**; 31 Wood Avenue, Ardsley, NY 10502 (US). **TSOU, Hwei–Ru**; 7 Beverly Place, New City, NY 10956 (US). **BERGER, Dan, Maarten**; 6 Irion Drive, New City, NY 10956 (US). **FLOYD, Middleton, Brawner, Jr.**; 5 Babbling Brook Drive, Suffern, NY 10901 (US). **HAMANN, Philip, Ross**; 9 Alice Street, Gernerville, NY 10923 (US). **ZHANG, Nan**; 9 New Street, Apartment 2C, Eastchester, NY 10709 (US). **FROST, Philip**; 4 Emerson Court, Morris Township, NJ 07960 (US).

(74) **MILOWSKY, Arnold, S.**; American Home Products Corporation, Patent Law Dept.–2B, One Campus Drive, Parsippany, NJ 07054 (US) et al. / etc.

(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 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; 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 231/00**

(11) **WO 00/18741** (13) A2

(21) PCT/JP99/05289

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) PP 6231 **30 Sep/sep 1998 (30.09.1998)** AU

(30) PQ 2243 **16 Aug/août 1999 (16.08.1999)** AU

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NOVEL COMPOUNDS
• NOUVEAUX COMPOSES

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

(72, 75) **KONISHI, Nobukiyo** [JP/JP]; 22–7, Aotanai, Nagaokakyo–shi, Kyoto 617–0811 (JP). **NAKAMURA, Katsuya** [JP/JP]; 12–1–103, Kamihamuro 2–chome, Takatsuki–shi, Osaka 569–1044 (JP). **YAMAMOTO, Hirofumi** [JP/JP]; 1–4–22–207, Kashio, Takarazuka–shi, Hyogo 665–0054 (JP). **MANABE, Takashi** [JP/JP]; 1–2–103, Maruyamadai, Kawanishi–shi, Hyogo 666–0152 (JP).

(74) **TAKASHIMA, Hajime**; Yuki Building, 3–9, Hiranomachi 3–chome, Chuo–ku, Osaka–shi, Osaka 541–0046 (JP).

(81) BR CA CN JP KR US; 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] **C07D 249/10, A01N 43/653, C07D 249/12, 413/12, 409/12, 401/04**

(11) **WO 00/18742** (13) A1

(21) PCT/EP99/06938

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) de (26) de

(30) 198 44 497.4 **29 Sep/sep 1998 (29.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SULFONYLTRIAZOL DERIVATIVES AND THEIR USE FOR COMBATING MICRO–ORGANISMS
• DERIVES DE SULFONYLTRIAZOL ET LEUR UTILISATION POUR LUTTER CONTRE DES MICRO–ORGANISMES

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

(72, 75) **ASSMANN, Lutz** [DE/DE]; Schimmelreiterweg 6, D–25826 St. Peter Ording (DE). **HILLEBRAND, Stefan** [DE/DE]; Lothringer Strasse 22, D–41462 Neuss (DE). **STENZEL, Klaus** [DE/DE]; Seesener Strasse 17, D–40595 Düsseldorf (DE). **WACHENDORFF–NEUMANN, Ulrike** [DE/DE]; Oberer Markenweg 85, D–56566 Neuwied (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 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; 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 249/18**

(11) **WO 00/18743** (13) A1

(21) PCT/US99/20892

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 60/102,278 **29 Sep/sep 1998 (29.09.1998)** US

(30) 09/394,186 **10 Sep/sep 1999 (10.09.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS FOR THE PREPARATION OF TRIMETHYLOLPROPANE CAPRYLATE/CAPRATE
• PROCEDE DE PREPARATION DE CAPRYLATE/CAPRATE DE TRIMETHYLOLPROPANE

(71) **HENKEL CORPORATION** [US/US]; 2500 Renaissance Boulevard, Suite 200, Gulph Mills, PA 19406 (US).

(72) **RIBELIN, Robert, P.**; 966 Sarbrook Drive, Cincinnati, OH 45231 (US). **TURNER, Stephen, W.**; 1634 Millville–Shandon Road, Hamilton, OH 45013 (US).

(74) **DRACH, John, E.**; Henkel Corporation, Suite 200, 2500 Renaissance Boulevard, Gulph Mills, PA 19406 (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; 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 263/32, 413/10, A61K 31/421, 31/422, C07D 413/12**

(11) **WO 00/18744** (13) A1

(21) PCT/JP99/05212

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) PP 6176 **25 Sep/sep 1998 (25.09.1998)** AU

(30) PP 9822 **19 Apr/avr 1999 (19.04.1999)** AU

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • OXAZOLE COMPOUNDS AS PROSTAGLANDIN E2 AGONISTS OR ANTAGONISTS
• COMPOSES D'OXAZOLE CONVENANT COMME AGONISTES OU ANTAGONISTES DE LA PROSTAGLANDINE E2

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

(72, 75) **HATTORI, Kouji** [JP/JP]; 7–1–915, Sumiregaoka 1–chome, Takarazuka–shi, Hyogo 665–0847 (JP). **TANAKA, Akira** [JP/JP]; 9–10–302, Nakanocho, Takarazuka–shi, Hyogo 665–0056 (JP). **KONO, Yutaka** [JP/JP]; 12–13–305, Funakicho, Ibaraki–shi, Osaka 567–0828 (JP). **NAKAZATO, Shoko** [JP/JP]; 4–20–214, Kumanocho, Nishinomiya–shi, Hyogo 663–8103 (JP).

(74) **KOTANI, Etsuji** et al. / etc.; Sumisei Naniwasuji Honmachi Building, 3–2, Utsubohonmachi 2–chome, Nishi–ku, Osaka–shi, Osaka 550–0004 (JP).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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; 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 263/46, 263/44, A61K 31/42, C07D 413/06**

(11) **WO 00/18745** (13) A1

(21) PCT/EP99/07253

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 98118522.6 **30 Sep/sep 1998 (30.09.1998)** EP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • OXAZOLIDINE DERIVATIVES FOR THE TREATMENT AND PREVENTION OF METABOLIC BONE DISORDERS
• DERIVES D'OXAZOLIDINE UTILES POUR LE TRAITEMENT ET LA PREVENTION DE TROUBLES METABOLIQUES DES OS

(71) **ROCHE DIAGNOSTICS GMBH** [DE/DE]; D–68298 Mannheim (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ESSWEIN, Angelika** [DE/DE]; Birkenweg 4, D–64572 Büttelborn (DE). **SCHAEFER, Wolfgang** [DE/DE]; Tannhaeuserring 190, D–68199 Mannheim (DE). **TSAKLAKIDIS, Christos** [GR/DE]; Huegelstrasse 1/1, D–69469 Weinheim (DE). **HONOLD, Konrad** [DE/DE]; Suedstrasse 24, D–82377 Penzberg (DE). **KALUZA, Klaus** [DE/DE]; Hochfeldanger 3, D–83670 Bad Heilbrunn (DE).

(74) **ROCHE DIAGNOSTICS GMBH**; Patent Dept., D–68298 Mannheim (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; 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).

(51)[7] **C07D 277/34, 417/06, A61K 31/425, C07D 277/36, 277/40**

(11) **WO 00/18746** (13) A1

(21) PCT/EP99/07252

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 98118539.0 **30 Sep/sep 1998** EP **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • THIAZOLIDINE DERIVATIVES FOR THE TREATMENT AND PREVENTION OF METABOLIC BONE DISORDERS
• DERIVES DE THIAZOLIDINE UTILES POUR LE TRAITEMENT ET LA PREVENTION DE TROUBLES METABOLIQUES DES OS

(71) **ROCHE DIAGNOSTICS GMBH** [DE/DE]; D–68298 Mannheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ESSWEIN, Angelika** [DE/DE]; Birkenweg 4, D–64572 Büttelborn (DE). **SCHAEFER, Wolfgang** [DE/DE]; Tannhaeuserring 190, D–68199 Mannheim (DE). **TSAKLAKIDIS, Christos** [GR/DE]; Huegelstrasse 1/1, D–69469 Weinheim (DE). **HONOLD, Konrad** [DE/DE]; Suedstrasse 24, D–82377 Penzberg (DE). **KALUZA, Klaus** [DE/DE]; Hochfeldanger 3, D–83670 Bad Heilbrunn (DE).

(74) **ROCHE DIAGNOSTICS GMBH**; Patent Dept., D–68298 Mannheim (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; 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 277/36, 417/06, 493/04, A61K 31/425 // (C07D 493/04, 321:00, 307:00)**

(11) **WO 00/18747** (13) A1

(21) PCT/EP99/07248

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 98118493.0 **30 Sep/sep 1998** EP **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • RHODANINE CARBOXYLIC ACID DERIVATIVES FOR THE TREATMENT AND PREVENTION OF METABOLIC BONE DISORDERS
• DERIVES D'ACIDE CARBOXYLIQUE DE RHODANINE UTILES POUR LE TRAITEMENT ET LA PREVENTION DE TROUBLES METABOLIQUES DES OS

(71) **ROCHE DIAGNOSTICS GMBH** [DE/DE]; D–68298 Mannheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ESSWEIN, Angelika** [DE/DE]; Birkenweg 4, D–64572 Büttelborn (DE). **SCHAEFER, Wolfgang** [DE/DE]; Tannhaeuserring 190, D–68199 Mannheim (DE). **TSAKLAKIDIS, Christos** [GR/DE]; Huegelstrasse 1/1, D–69469 Weinheim (DE). **HONOLD, Konrad** [DE/DE]; Suedstrasse 24, D–82377 Penzberg (DE). **KALUZA, Klaus** [DE/DE]; Hochfeldanger 3, D–83670 Bad Heilbrunn (DE).

(74) **ROCHE DIAGNOSTICS GMBH**; Patent Department, D–68298 Mannheim (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; 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 277/36, 277/34, A61K 31/425, C07D 417/06, 417/10**

(11) **WO 00/18748** (13) A1

(21) PCT/EP99/07250

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 98118538.2 **30 Sep/sep 1998** EP **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • RHODANINE DERIVATIVES FOR THE TREATMENT AND PREVENTION OF METABOLIC BONE DISORDERS
• DERIVES DE RHODANINE UTILES POUR LE TRAITEMENT ET LA PREVENTION DE TROUBLES METABOLIQUES DES OS

(71) **ROCHE DIAGNOSTICS GMBH** [DE/DE]; D–68298 Mannheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ESSWEIN, Angelika** [DE/DE]; Birkenweg 4, D–64572 Büttelborn (DE). **SCHAEFER, Wolfgang** [DE/DE]; Tannhaeuserring 190, D–68199 Mannheim (DE). **TSAKLAKIDIS, Christos** [GR/DE]; Huegelstrasse 1/1, D–69469 Weinheim (DE). **HONOLD, Konrad** [DE/DE]; Suedstrasse 24, D–82377 Penzberg (DE). **KALUZA, Klaus** [DE/DE]; Hochfeldanger 3, D–83670 Bad Heilbrunn (DE). **HOFFMANN, Eike** [DE/DE]; Rathausstrasse 71, D–68519 Viernheim (DE).

(74) **ROCHE DIAGNOSTICS GMBH**; Patent Dept., D–68298 Mannheim (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; 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 277/60, 417/04, 417/12, 417/10, 417/06, 417/14, A61P 3/04, A61K 31/425, 31/44**

(11) **WO 00/18749** (13) A1

(21) PCT/EP99/06860

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) de (26) de

(30) 198 44 547.4 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INDENO–, NAPHTO– AND BENZOCYCLOHEPTA DIHYDROTHIAZOLE DERIVATIVES, THE PRODUCTION THEREOF AND THEIR USE AS ANORECTIC MEDICAMENTS
• DERIVES INDENO–, NAPHTO– ET BENZOCYCLOHEPTA–DIHYDROTHIAZOL, LEUR FABRICATION ET LEUR UTILISATION COMME MEDICAMENTS ANOREXIGENES

(71) **AVENTIS PHARMA DEUTSCHLAND GMBH** [DE/DE]; Brüningstrasse 50, D–65929 Frankfurt am Main (DE).

(72) **JÄHNE, Gerhard**; Seebachstrasse 22, D–65929 Frankfurt am Main (DE). **GLOMBIK, Heiner**; Am Lotzenwald 42, D–65719 Hofheim (DE). **GEISEN, Karl**; Jahnstrasse 43, D–60318 Frankfurt am Main (DE). **BICKEL, Martin**; Mittelstedter Weg 3, D–61348 Bad Homburg (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 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; 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 295/00**

(11) **WO 00/18750** (13) A2

(21) PCT/US99/22590

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 60/102,153 **28 Sep/sep 1998** US **(28.09.1998)**

(30) 60/111,950 **11 Dec/déc 1998 (11.12.1998)** US

(30) 60/121,302 **23 Feb/fév 1999 (23.02.1999)** US

(30) 60/132,630 **5 May/mai 1999 (05.05.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NOVEL PHOTOINITIATORS AND APPLICATIONS THEREFOR
• NOUVEAUX PHOTOAMORCEURS ET LEURS UTILISATIONS

(71) **KIMBERLY–CLARK WORLDWIDE, INC.** [US/US]; 401 North Lake Street, Neenah, WI 54956 (US). **NOHR, Ronald, Sinclair** [–/US]; 8955 Nesbit Lakes Drive, Alpharetta, GA 30202 (US). **MACDONALD, John, Gavin** [–/US]; 1472 Knollwood Terrace, Decatur, GA 30033 (US).

(74) **WITHERS, James, D.**; Jones & Askew, LLP, 2400 Monarch Tower, 3424 Peachtree Road, N.E., Atlanta, GA 30326 (US) et al. / etc.

(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 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; 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 301/19, 303/38, 303/40, 303/42 // C08G 59/14, 59/20, 59/40**

(11) **WO 00/18751** (13) A1

(21) PCT/SE99/01704

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 9803270–9 **28 Sep/sep 1998 (28.09.1998)** SE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NOVEL PRIMARY EPOXIDES
• NOUVEAUX EPOXYDES PRIMAIRES

(71) **PERSTORP AB** [SE/SE]; S–284 80 Perstorp (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BJÖRNBERG, Håkan** [SE/SE]; Tallvägen 4, S–262 61 Ängelholm (SE). **PETTERSSON, Bo** [SE/SE]; Iliongränden 223, S–224 72 Lund (SE).

(74) **STENBERG, Yngve**; Perstorp AB, S–284 80 Perstorp (SE).

(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; 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 307/20**

(11) **WO 00/18752** (13) A1

(21) PCT/US99/21945

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) en (26) en

(30) 09/162,573 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PREPARATION OF 3–ALKYLTETRAHYDROFURANS
• PREPARATION DE 3–ALKYLTETRAHYDROFURANNES

(71) **EASTMAN CHEMICAL COMPANY** [US/US]; 100 North Eastman Road, Kingsport, TN 37660 (US).

(72) **BEAVERS, William, Anthony**; 1402 Sleepy Hollow Lane, Longview, TX 75604 (US).

(74) **BLAKE, Michael, J.**; P.O. Box 511, Kingsport, TN 37662–5075 (US).

(81) IN JP; 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] **C07D 309/38, 309/40, 405/04, 409/04, A61K 31/35, C07C 317/24, 311/29**

(11) **WO 00/18753** (13) A1

(21) PCT/EP99/06873

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) P 9802011 **25 Sep/sep 1998 (25.09.1998)** ES

(30) P 9900619 **26 Mar/mar 1999 (26.03.1999)** ES

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • 2–PHENYLPYRAN–4–ONE DERIVATIVES
• DERIVES DE 2–PHENYLPYRAN–4–ONE

(71) **ALMIRALL PRODESFARMA, S.A.** [ES/ES]; General Mitre 151, E–08022 Barcelona (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CRESPO CRESPO, Mª Isabel** [ES/ES]; Comte d'Urgell 259, 6º–3ª, E–08036 Barcelona (ES). **JIMENEZ MAYORGA, Juan Miguel** [ES/ES]; Dr. Roux 74, Ppal.2ª, E–08017 Barcelona (ES). **PUIG DURAN, Carles** [ES/ES]; Asturias, 99, 2º–2ª, E–08024 Barcelona (ES). **SOCA PUEYO, Lidia** [ES/ES]; Burdeos 2, 3º 1ª, E–08029 Barcelona (ES).

(74) **GOLDIN, Douglas, Michael**; J.A. Kemp & Co. 14 South Square, Gray's Inn, London WC1R 5LX (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 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; 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 311/58**

(11) **WO 00/18754** (13) A1

(21) PCT/JP99/05387

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) ja (26) ja

(30) 10/277561 **30 Sep/sep 1998 (30.09.1998)** JP

(30) 10/277952 **30 Sep/sep 1998 (30.09.1998)** JP

(30) 10/278741 **30 Sep/sep 1998 (30.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESSES FOR THE PREPARATION OF 4–SUBSTITUTED BENZOPYRAN DERIVATIVES
• PROCEDES DE PREPARATION DE DERIVES DE BENZOPYRANNE 4–SUBSTITUE

(71) **CHUGAI SEIYAKU KABUSHIKI KAISHA** [JP/JP]; 5–1, Ukima 5–chome, Kita–ku, Tokyo 115–8543 (JP).
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(72, 75) **SUZUKI, Yukio** [JP/JP]; Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1–chome, Gotenba–shi, Sizuoka 412–8513 (JP). **ISHIZAWA, Takenori** [JP/JP]; Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1–chome, Gotenba–shi, Sizuoka 412–8513 (JP). **KHLEBNIKOV, Vladimir A** [MD/JP]; Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1–chome, Gotenba–shi, Sizuoka 412–8513 (JP). **WATANABE, Masashi** [JP/JP]; 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 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 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; 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 311/78, 311/92, 495/04, 491/04, 493/04, G02B 5/23, C08K 5/15 // (C07D 495/04, 333:00, 311:00) (C07D 491/04, 311:00, 209:00) (C07D 493/04, 311:00, 311:00)**

(11) **WO 00/18755** (13) A1

(21) PCT/GB99/02788

(22) **24 Aug/août 1999 (24.08.1999)**

(25) en (26) en

(30) 9821121.2 **29 Sep/sep 1998** GB **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • GREY COLOURING PHOTOCHROMIC FUSED PYRANS
• PYRANNES PHOTOCHROMES CONDENSES DONNANT UNE COLORATION GRISE

(71) **JAMES ROBINSON LIMITED** [GB/GB]; P.O. Box 83, Hillhouse Lane, Huddersfield HD1 6BU (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CLARKE, David, Allan** [GB/GB]; 23 Wentworth Court, Rastrick, Brighouse HD6 3XD (GB). **HERON, Bernard, Mark** [GB/GB]; 63 Welton Road, Brough, East Riding, Yorkshire HU15 1AB (GB). **GABBUTT, Christopher, David** [GB/GB]; 7 New Row, Knowle Green, Preston, Lancashire PR3 2YS (GB). **HEPWORTH, John, David** [GB/GB]; 2 Carnoustie Close, Fulwood, Preston, Lancashire PR2 7ER (GB). **PARTINGTON, Steven, Michael** [GB/GB]; 48 Woodroyd, Golcar, Huddersfield HD7 4PG (GB). **CORNS, Stephen, Nigel** [GB/GB]; 516 New Hey Road, Salendine Nook, Huddersfield HD3 3XF (GB).

(74) **WAIN, Christopher, Paul** et al. / etc.; A.A. Thornton & Co., 235 High Holborn, London WC1V 7LE (GB).

(81) GB JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **C07D 319/12, A23J 3/04, A23L 1/03, 1/00, 1/20, 3/3544, A21D 10/02**

(11) **WO 00/18756** (13) A1

(21) PCT/JP98/04287

(22) **25 Sep/sep 1998 (25.09.1998)**

(25) ja (26) ja

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS FOR PURIFYING LACTIDE AND LACTIDE USED AS FOOD ADDITIVE
• PURIFICATION DE LACTIDE ET LACTIDE UTILISE COMME ADDITIF ALIMENTAIRE

(71) **SHIMADZU CORPORATION** [JP/JP]; 1, Nishinokyo–kuwabaracho, Nakagyo–ku, Kyoto–shi, Kyoto 604–8511 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OHARA, Hitomi** [JP/JP]; Shimadzu Corporation, Sanjo–Work, 1, Nishinokyo–kuwabaracho, Nakagyo–ku, Kyoto–shi, Kyoto 604–8511 (JP). **OKUYAMA, Hisashi** [JP/JP]; Shimadzu Corporation, Sanjo–Work, 1, Nishinokyo–kuwabaracho, Nakagyo–ku, Kyoto–shi, Kyoto 604–8511 (JP). **OGAITO, Makoto** [JP/JP]; Shimadzu Corporation, Sanjo–Work, 1, Nishinokyo–kuwabaracho, Nakagyo–ku, Kyoto–shi, Kyoto 604–8511 (JP). **FUJII, Yasuhiro** [JP/JP]; Shimadzu Corporation, Sanjo–Work, 1, Nishinokyo–kuwabaracho, Nakagyo–ku, Kyoto–shi, Kyoto 604–8511 (JP). **KAWAMOTO, Tatsushi** [JP/JP]; Shimadzu Corporation, Sanjo–Work, 1, Nishinokyo–kuwabaracho, Nakagyo–ku, Kyoto–shi, Kyoto 604–8511 (JP). **KAWABE, Takashi** [JP/JP]; Shimadzu Corporation, Sanjo–Work, 1, Nishinokyo–kuwabaracho, Nakagyo–ku, Kyoto–shi, Kyoto 604–8511 (JP). **HORIBE, Yasumasa** [JP/JP]; Shimadzu Corporation, Sanjo–Work, 1, Nishinokyo–kuwabaracho, Nakagyo–ku, Kyoto–shi, Kyoto 604–8511 (JP).

(74) **OKADA, Masahiro**; 12th Shinko Building, 8F, 1–6, Zaimoku–cho, Chuo–ku, Osaka–shi, Osaka 540–0010 (JP).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **C07D 319/12, A23L 1/03, 1/20, 1/317, 1/325, 3/3499, A23C 9/123, 19/00 // C07M 7:00**

(11) **WO 00/18757** (13) A1

(21) PCT/JP99/03505

(22) **29 Jun/juin 1999 (29.06.1999)**

(25) ja (26) ja

(30) PCT/JP98/04287 **25 Sep/sep 1998** JP **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR PURIFYING LACTIDE AND LACTIDE FOR FOOD ADDITIVES
• PROCEDE DE PURIFICATION DE LACTIDE ET LACTIDE DESTINE A DES ADDITIFS ALIMENTAIRES

(71) **SHIMADZU CORPORATION** [JP/JP]; 1, Nishinokyo–kuwabaracho, Nakagyo–ku, Kyoto–shi, Kyoto 604–8511 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OHARA, Hitomi** [JP/JP]; Shimadzu Corporation, 1, Nishinokyo–kuwabaracho, Nakagyo–ku, Kyoto–shi, Kyoto 604–8511 (JP). **OKUYAMA, Hisashi** [JP/JP]; Shimadzu Corporation, 1, Nishinokyo–kuwabaracho, Nakagyo–ku, Kyoto–shi, Kyoto 604–8511 (JP). **OGAITO, Makoto** [JP/JP]; Shimadzu Corporation, 1, Nishinokyo–kuwabaracho, Nakagyo–ku, Kyoto–shi, Kyoto 604–8511 (JP). **FUJII, Yasuhiro** [JP/JP]; Shimadzu Corporation, 1, Nishinokyo–kuwabaracho, Nakagyo–ku, Kyoto–shi, Kyoto 604–8511 (JP). **KAWAMOTO, Tatsushi** [JP/JP]; Shimadzu Corporation, 1, Nishinokyo–kuwabaracho, Nakagyo–ku, Kyoto–shi, Kyoto 604–8511 (JP). **KAWABE, Takashi** [JP/JP]; Shimadzu Corporation, 1, Nishinokyo–kuwabaracho, Nakagyo–ku, Kyoto–shi, Kyoto 604–8511 (JP). **HORIBE, Yasumasa** [JP/JP]; Shimadzu Corporation, 1, Nishinokyo–kuwabaracho, Nakagyo–ku, Kyoto–shi, Kyoto 604–8511 (JP).

(74) **OKADA, Masahiro**; 12th Shinko Building 8F, 1–6, Zaimoku–cho, Chuo–ku, Osaka–shi, Osaka 540–0010 (JP).

(81) JP US; 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] **C07D 401/04, 409/14, 401/14, A61K 31/506**

(11) **WO 00/18758** (13) A1

(21) PCT/JP99/05224

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 10/271277 **25 Sep/sep 1998** JP **(25.09.1998)**

(30) 10/305266 **27 Oct/oct 1998** JP **(27.10.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PYRIMIDONE DERIVATIVES
• DERIVES PYRIMIDONE

(71) **MITSUBISHI CHEMICAL CORPORATION** [JP/JP]; 5–2, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–0005 (JP).
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(72, 75) **WATANABE, Kazutoshi** [JP/JP]; Mitsubishi Chemical Corporation, Yokohama Research Center, 1000, Kamoshida–cho, Aoba–ku, Yokohama–shi, Kanagawa 227–8502 (JP). **ANDO, Ryoichi** [JP/JP]; Mitsubishi Chemical Corporation, Yokohama Research Center, 1000, Kamoshida–cho, Aoba–ku, Yokohama–shi, Kanagawa 227–8502 (JP). **SAITO, Ken–ichi** [JP/JP]; Mitsubishi Chemical Corporation, Yokohama Research Center, 1000, Kamoshida–cho, Aoba–ku, Yokohama–shi, Kanagawa 227–8502 (JP). **KAWAMOTO, Rie** [JP/JP]; Mitsubishi Chemical Corporation, Yokohama Research Center, 1000, Kamoshida–cho, Aoba–ku, Yokohama–shi, Kanagawa 227–8502 (JP). **SHODA, Aya** [JP/JP]; Mitsubishi Chemical Corporation, Yokohama Research Center, 1000, Kamoshida–cho, Aoba–ku, Yokohama–shi, Kanagawa 227–8502 (JP).

(74) **IMAMURA, Masazumi** et al. / etc.; KRF Building, 5th floor, 5–5, Kyobashi 1–chome, Chuo–ku, Tokyo 104–0031 (JP).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG 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 US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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 401/12, A61K 31/44, C07D 213/81, 251/46, 413/12, 409/12**

(11) **WO 00/18759** (13) A1

(21) PCT/GB99/03210

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 9821061.0 **28 Sep/sep 1998** GB **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PHENYLALANINE DERIVATIVES AS ALPHA 4 INTEGRIN INHIBITORS
• DERIVES DE PHENYLALANINE COMME INHIBITEURS D'ALPHA 4 INTEGRINE

(71) **CELLTECH THERAPEUTICS LIMITED** [GB/GB]; 216 Bath Road, Slough, Berkshire SL1 4EN (GB).
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(72, 75) **HEAD, John, Clifford** [GB/GB]; 4 Dorchester Close, Maidenhead, Berkshire SL6 6RX (GB). **PORTER, John, Robert** [GB/GB]; 5 Farm Place, Henton, Chinnor, Oxfordshire OX9 4AD (GB). **WARRELLOW, Graham, John** [GB/GB]; Oakside, 4 Wieland Road, Northwood, Middlesex HA6 3QU (GB). **ARCHIBALD, Sarah, Catherine** [GB/GB]; 5 College Glen, Maidenhead, Berkshire SL6 6BL (GB). **HUTCHINSON, Brian, Woodside** [GB/GB]; 148a Littlebrook Avenue, Burnham, Buckinghamshire Sl2 2NE (GB).

(74) **MERCER, Christopher, Paul**; Carpmaels & Ransford, 43 Bloomsbury Square, London WC1 2RA (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 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; 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 401/12, A61K 31/435, 31/4427**

(11) **WO 00/18760** (13) A1

(21) PCT/GB99/03239

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 9821222.8 **30 Sep/sep 1998** GB **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • 1,3–BENZODIAZEPINES WITH INTEGRIN INHIBITORY ACTIVITY FOR USE IN THE TREATMENT OF INFLAMMATORY DISORDERS
• 1,3–BENZODIAZEPINES POSSEDANT UNE ACTIVITE INHIBANT L'INTEGRINE UTILES POUR TRAITER DES TROUBLES INFLAMMATOIRES

(71) **CELLTECH THERAPEUTICS LIMITED** [GB/GB]; 216 Bath Road, Slough, Berkshire SL1 4EN (GB).
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(72, 75) **BROWN, Julien, Alistair** [GB/GB]; 19 Blackthorn Close, Earley, Reading, Berkshire RG6 1DH (GB). **WARRELLOW, Graham, John** [GB/GB]; Oakside, 4 Wieland Road, Northwood, Middlesex HA6 3QU (GB). **PORTER, John, Robert** [GB/GB]; 5 Farm Place, Henton, Chinnor, Oxfordshire OX9 4AD (GB). **ARCHIBALD, Sarah, Catherine** [GB/GB]; 5 College Glen, Maidenhead, Berkshire SL6 6BL (GB). **HEAD, John, Clifford** [GB/GB]; 4 Dorchester Close, Maidenhead, Berkshire SL6 6RX (GB).

(74) **MERCER, Christopher, Paul**; Carpmaels & Ransford, 43 Bloomsbury Square, London WC1A 2RA (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 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; 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 401/12, A61K 31/47, C07D 417/12, 405/12, 491/10, 405/14, 401/14, 215/54, 413/12, 409/12, 491/04 // (C07D 491/10, 317:00, 221:00) (C07D 491/04, 319:00, 215:00)**

(11) **WO 00/18761** (13) A1

(21) PCT/US99/22054

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 09/162,802 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SUBSTITUTED 3–CYANOQUINOLINES AS PROTEIN TYROSINE KINASES INHIBITORS
• INHIBITEURS DE PROTEINES DE TYPE TYROSINE KINASES A BASE DE 3–CYANOQUINOLINES SUBSTITUEES

(71) **AMERICAN CYANAMID COMPANY** [US/US]; Five Giralda Farms, Madison, NJ 07940–0874 (US).

(72) **WISSNER, Allan**; 31 Wood Avenue, Ardsley, NY 10502 (US). **TSOU, Hwei–Ru**; 7 Beverly Place, New City, NY 10956 (US). **BERGER, Dan, Maarten**; 6 Irion Drive, New City, NY 10956 (US). **FLOYD, Middleton, Brawner, Jr.**; 5 Babbling Brook Drive, Suffern, NY 10901 (US). **HAMANN, Philip, Ross**; 9 Alice Street, Gernerville, NY 10923 (US). **ZHANG, Nan**; 9 New Street, Apartment 2C, Eastchester, NY 10709 (US). **SALVATI, Mark, Ernest**; 9 Tracy Drive, Lawrenceville, NJ 08648 (US). **FROST, Philip**; 4 Emerson Court, Morris Township, NJ 07960 (US).

(74) **MILOWSKY, Arnold, S.**; American Home Products Corporation, Patent Law Dept. 2B, One Campus Drive, Parsippany, NJ 07054 (US) et al. / etc.

(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 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; 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)[6] **C07D 401/12, 285/24, A61K 31/54, 31/44**

(11) **WO 00/18762** (13) A1

(21) PCT/US99/22160

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/102,021 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • THROMBIN INHIBITORS
• INHIBITEURS DE LA THROMBINE

(71) **MERCK & CO., INC.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SANDERSON, Philip, E.** [GB/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). **CUTRONA, Kellie** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).

(74) **MERCK & CO., INC.**; 126 East Lincoln Avenue, Rahway, NJ 07065 (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 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 US UZ VN YU ZA ZW; 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 405/00**

(11) **WO 00/18763** (13) A2

(21) PCT/US99/22699

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/162,861 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • 2–(2,3–DIHYDROBENZOFURAN–5–YL)–4–AMINOMETHYLIMIDAZOLES: DOPAMINE RECEPTOR SUBTYPE SPECIFIC LIGANDS
• 2–(2,3–DIHYDROBENZOFURAN–5–YL)–4–AMINOMETHYLIMIDAZOLES; LIGANDS SPECIFIQUES DU SOUS–TYPE DU RECEPTEUR DE DOPAMINE

(71) **NEUROGEN CORPORATION** [US/US]; 35 Northeast Industrial Road, Branford, CT 06405 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHEN, Xi** [US/US]; 17 Blueberry Hill Reserve, Killingworth, CT 06719 (US). **HE, Xiao–Shu** [CN/US]; 50 Foxbridge Village Road, Branford, CT 06405 (US).

(74) **SARUSSI, Steven, J.**; McDonnell Boehnen Hulber & 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 CR 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 TZ UA UG US UZ VN YU ZA ZW; 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 409/14, 401/04, A61K 31/415**

(11) **WO 00/18764** (13) A1

(21) PCT/GB99/03154

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 60/102,492 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BENZIMIDAZOLINYL PIPERIDINES AS CGRP LIGANDS
• PIPERIDINES DE BENZIMIDAZOLINYLE EN TANT QUE LIGANDS DE CGRP

(71) **MERCK SHARP & DOHME LIMITED** [GB/GB]; Hertford Road, Hoddesdon, Hertfordshire EN11 9BU (GB). **MERCK & CO., INC.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).
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(72, 75) **HILL, Raymond, George** [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). **PATCHETT, Arthur, A.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). **YANG, Lihu** [CN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).

(74) **HORGAN, James**; Merck & Co., Inc., European Patent Department, Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (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 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; 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)[6] **C07D 413/04, A61K 31/42**

(11) **WO 00/18765** (13) A1

(21) PCT/JP99/05315

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) ja (26) ja

(30) 10/276288 **30 Sep/sep 1998** JP **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SUBSTITUTED ISOXAZOLYLTHIOPHENE COMPOUNDS
• COMPOSES D'ISOXAZOLYLTHIOPHENE SUBSTITUE

(71) **TAISHO PHARMACEUTICAL CO., LTD.** [JP/JP]; 24–1,Takata 3–chome, Tosima–ku, Tokyo 170–8633 (JP).
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(72, 75) **HARADA, Masahiro** [JP/JP]; Taisho Pharmaceutical Co., Ltd., 24–1, Takata 3–chome, Tosima–ku, Tokyo 170–8633 (JP). **TAKEDA, Junko** [JP/JP]; Taisho Pharmaceutical Co., Ltd., 24–1, Takata 3–chome, Tosima–ku, Tokyo 170–8633 (JP). **NAKAMURA, Toshio** [JP/JP]; Taisho Pharmaceutical Co., Ltd., 24–1, Takata 3–chome, Tosima–ku, Tokyo 170–8633 (JP). **SAITO, Shiuji** [JP/JP]; Taisho Pharmaceutical Co., Ltd., 24–1, Takata 3–chome, Tosima–ku, Tokyo 170–8633 (JP).

(74) **KITAGAWA, Tomizo**; Taisho Pharmaceutical Co., Ltd. Patent Division, 24–1, Takata 3–chome, Tosima–ku, Tokyo 170–8633 (JP).

(81) AU CA CN KR US; 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] **C07D 417/12, 333/20, C07C 335/24**

(11) **WO 00/18766** (13) A1

(21) PCT/KR99/00535

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 1998/40539 **29 Sep/sep 1998** KR **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS FOR PREPARATION OF 2–AMINOTHIAZOLECARBOXAMIDE DERIVATIVES
• PROCEDE DE PREPARATION DE DERIVES DE 2–AMINOTHIAZOLECARBOXAMIDE

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

(72, 75) **JOE, Goon–Ho** [KR/KR]; Lucky Hana Apt. #106 603, Shinsung–dong, Yusong–ku, Taejon 305–345 (KR). **LEE, Ju–Young** [KR/KR]; Lucky Apt. #2, 388–11, Doryong–dong, Yusong–ku, Taejon 305–340 (KR). **LEE, Sang–Who** [KR/KR]; Lucky Apt. #9–201 381–42, Doryong–dong, Yusong–ku, Taejon 305–340 (KR). **JEON, Jae–Hoon** [KR/KR]; Lucky Apt. #313, 386–1, Doryong–dong, Yusong–ku, Taejon 305–340 (KR). **KIM, Kun–Tai** [KR/KR]; Lucky Apt. 405, 386–1, Doryong–dong, Yusong–ku, Taejon 305–340 (KR). **CHEON, Hwan–Sung** [KR/KR]; Agrochemical Research Center LG Chem Research Park, 104–1, Moonji–dong, Yusong–ku, Taejon 305–380 (KR).

(74) **CHOI, Kyu–Pal**; 824–20, Yeoksam–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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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 419/12, A61R 31/495, C07D 277/82, 263/58, 413/12, 235/30, 401/12, 403/12, 209/48**

(11) **WO 00/18767** (13) A2

(21) PCT/US99/22791

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/163,573 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • 2–PIPERAZINO ALKYLAMINO BENZOAZOLE DERIVATIVES: DOPAMINE RECEPTOR SUBTYPE SPECIFIC LIGANDS
• DERIVES DE 2–PIPERAZINO – ALKYL– AMINOBENZOAZOLE: LIGANDS SPECIFIQUES DU SOUS–TYPE DU RECEPTEUR DE LA DOPAMINE

(71) **NEUROGEN CORPORATION** [US/US]; 35 Northeast Industrial Road, Branford, CT 06405 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HE, Xiao–shu** [US/US]; 50 Foxbridge Village Road, Branford, CT 06405 (US).

(74) **SARUSSI, Steven, J.**; McDonnell Boehnene 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 CR 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 TZ UA UG US UZ VN YU ZA ZW; 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)[6] **C07D 471/04, A61K 31/4985, 45/00, A61P 43/00, 1/16, 11/00, 11/06, 27/02, 27/06, 27/14, 31/18, 37/08**

(11) **WO 00/18768** (13) A1

(21) PCT/JP99/05182

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) ja (26) ja

(30) 10/274440 **29 Sep/sep 1998 (29.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NOVEL SALTS OF PYRIDOPYRAZINE COMPOUND AND CRYSTALS THEREOF
• NOUVEAUX SELS D'UN COMPOSE DE PYRIDOPYRAZINE ET CRISTAUX DESDITS SELS

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

(72, 75) **SHIMAZAKI, Norihiko** [JP/JP]; 1157–20, Nagakuni, Tsuchiura–shi, Ibaraki 300–0817 (JP). **WATANABE, Masaru** [JP/JP]; 4–20–305, Kumano–cho, Nishinomiya–shi, Hyogo 663–8103 (JP). **ICHIHARA, Masaharu** [JP/JP]; 1–1–24, Nishishoji, Mino–shi, Osaka 562–0003 (JP). **KAWAI, Nobutaka** [JP/JP]; 1–9–10, Yahataya, Minato–ku, Osaka–shi, Osaka 552–0014 (JP). **MACHIYA, Koji** [JP/JP]; 3–5–29–1201, Morigo–cho, Nada–ku, Kobe–shi, Hyogo 657–0028 (JP). **KAGARA, Kooji** [JP/JP]; 3–17–12, Onoharanishi, Mino–shi, Osaka 562–0032 (JP).

(74) **TABUSHI, Eiji**; Fujisawa Pharmaceutical Co., Ltd., Osaka Factory, 1–6, Kashima 2–chome, Yodogawa–ku, Osaka–shi, Osaka 532–8514 (JP).

(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 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; 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 487/00**

(11) **WO 00/18769** (13) A2

(21) PCT/US99/22569

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 60/102,399 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INDOLO[2,1–b]QUINAZOLE–6,12–DIONE ANTIMALARIAL COMPOUNDS AND METHODS OF TREATING MALARIA THEREWITH
• COMPOSES INDOLO[2,1–B]QUINAZOLE–6,12–DIONE ANTIPALUDIQUES ET LEURS MODALITES D'UTILISATION

(71) **WRAIR (WALTER REID ARMY INSTITUTE OF RESEARCH)** [US/US]; 14th and Dahlia Streets, N.W., Washington, DC 20307 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PITZER, Kevin, K.** [US/US]; 7870 Dero Drive, Pasadena, MD 21122 (US). **SCOVILL, John, P.** [US/US]; 307 Cramer Avenue, Walkersville, MD 21793 (US). **KYLE, Dennis, E.** [US/US]; 9008 Kimblehunt Drive, Gaithersburg, MD 20882 (US). **GERENA, Lucia** [US/US]; 13318 Hathoway Drive, Silver Spring, MD 20906 (US).

(74) **HARRIS, Charles, H.**; United States Army Medical Research and Material Command, 504 Scott Street, Fort Detrick, MD 21702 (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 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; 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 487/04, 207/14, A61K 31/40**

(11) **WO 00/18770** (13) A1

(21) PCT/GB99/03244

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 9821199.8 **30 Sep/sep 1998 (30.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PYRROLOPYRROLONE DERIVATIVES AS ANTIVIRAL AGENTS
• DERIVES DE PYRROLOPYRROLONE COMME AGENTS ANTIVIRAUX

(71) **GLAXO GROUP LIMITED** [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).
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(72, 75) **BORTHWICK, Alan, David** [GB/GB]; Glaxo Wellcome plc, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). **DAVIES, David, Evan** [GB/GB]; Glaxo Wellcome plc, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). **EXALL, Anne, Marjorie** [GB/GB]; Glaxo Wellcome plc, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). **LEAHY, John, Henry** [GB/GB]; Glaxo Wellcome plc, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). **RAHIM, George, Saad** [GB/GB]; MMI, St. John's Innovation Centre, Cowley Road, Cambridge CB4 4WS (GB). **SHAH, Pritom** [GB/GB]; Glaxo Wellcome plc, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). **SOLLIS, Stephen** [GB/GB]; Glaxo Wellcome plc, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). **WEINGARTEN, Gordon, Gad** [GB/GB]; Glaxo Wellcome plc, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB).

(74) **THORNLEY, Rachel, M.**; Glaxo Wellcome plc, Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (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 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; 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 487/22**

(11) **WO 00/18771** (13) A2

(21) PCT/IL99/00501

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 126426 **29 Sep/sep 1998** IL **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS FOR THE PREPARATION OF CORROLES AND SEVERAL SUCH NEW COMPOUNDS, INCLUDING CHIRAL DERIVATIVES, AND THE USE THEREOF
• PROCEDE DE PREPARATION DE CORROLES ET DE PLUSIEURS DE TELS NOUVEAUX COMPOSANTS, Y COMPRIS DES DERIVES CHIRAUX, ET LEUR UTILISATION

(71) **TECHNION RESEARCH AND DEVELOPMENT FOUNDATION LTD.** [IL/IL]; Senate House, Technion City, Park Gootwirt, 32000 Haifa (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GROSS, Zeev** [IL/IL]; Hibner Street 1, 49400 Petach Tikva (IL). **SIMKHOVICH, Liliya** [IL/IL]; Yoseftal Street 12/16, 26390 Kiryat Motzkin (IL). **NITSA, Galili, Nachshon** [IL/IL]; Kibbutz Geva, 18915 Geva (IL). **SALTSMAN, Irina** [IL/IL]; Hillel Street 41/2, 33071 Haifa (IL).

(74) **REINHOLD COHN AND PARTNERS**; P.O. Box 4060, 61040 Tel Aviv (IL).

(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 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; 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 491/048, 487/04, A61K 31/40, 31/34 // (C07D 491/048, 209:00, 307:00) (C07D 487/04, 209:00, 209:00)**

(11) **WO 00/18772** (13) A1

(21) PCT/US99/20921

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) en (26) en

(30) 60/101,811 **25 Sep/sep 1998** US **(25.09.1998)**

(30) 60/103,407 **7 Oct/oct 1998** US **(07.10.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CONDENSED IMIDAZOLIDINONES AS TRNA SYNTHETASE INHIBITORS
• IMIDAZOLIDINONES CONDENSEES UTILISEES COMME INHIBITEURS DE L'ARNT–SYNTHETASE

(71) **CUBIST PHARMACEUTICALS, INC.** [US/US]; 24 Emily Street, Cambridge, MA 02139 (US).

(72) **FINN, John**; 22 Railroad Street, Andover, MA 01810 (US). **YU, Xiang, Yang**; 47 Harjean Road, Billerica, MA 01821 (US). **WANG, Zhongguo**; Apartment #1, 241 Salem Street, Malden, MA 02148 (US). **HILL, Jason**; 41 Woodbine Terrace, Newton, MA 02166 (US). **KEITH, Dennis**; 8 Mendel Terrace, Montclair, NJ 07042 (US). **GALLANT, Paul**; 14 Puritan Lane, Dedham, MA 02026 (US). **WENDLER, Philip**; 100 Powder Mill Road, Sudbury, MA 01776 (US).

(74) **PLUMER, Elizabeth, R.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (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 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; 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] **C07F 5/00, C08F 4/60, 10/00**

(11) **WO 00/18773** (13) A1

(21) PCT/EP99/07056

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) de (26) de

(30) 198 44 195.9 **26 Sep/sep 1998** DE **(26.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CHEMICAL COMPOUND
• COMPOSE CHIMIQUE

(71) **TARGOR GMBH** [DE/DE]; D–55116 Mainz (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOHNEN, Hans** [DE/DE]; Grenzstrasse 146, D–47441 Moers (DE). **BECKER, Patricia** [DE/DE]; Alpenring 39, D–64546 Mörfelden–Walldorf (DE). **SCHOTTEK, Jörg** [DE/DE]; Mühlgasse 3, D–60486 Frankfurt (DE).

(74) **HINKELMANN, Klaus**; BASF Aktiengesellschaft, D–67056 Ludwigshafen (DE).

(81) JP US; 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] **C07F 9/50, 15/00, C07B 31/00, C07C 45/50, C07B 37/04, B01J 31/24**

(11) **WO 00/18774** (13) A1

(21) PCT/NL99/00603

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 98203308.6 **30 Sep/sep 1998** EP **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FLUOROUS PHOSPHINES AND PROCESSES FOR THEIR PREPARATION
• PHOSPHANES FLUOREUX ET LEURS PROCEDES DE PREPARATION

(71) **ELF ATOCHEM VLISSINGEN B.V.** [NL/NL]; Haven 9850, NL–Vlissingen–Oost (NL).
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(72, 75) **RICHTER, Bodo** [DE/DE]; Lange Strasse 45, D–03130 Spremberg (DE). **DE WOLF, Aloysius, Cornelius, Adrianus** [NL/NL]; Plesmanlaan 70–I, NL–3555 AR Utrecht (NL). **VAN KOTEN, Gerard** [NL/NL]; Paltzerweg 180, NL–3734 CN Den Dolder (NL). **DEELMAN, Berth, Jan** [NL/NL]; Egelantier 38, NL–4102 XD Culemborg (NL).

(74) **OTTEVANGERS, S., U.**; Vereenigde Octrooibureaux, Nieuwe Parklaan 97, NL–2587 BN The Hague (NL).

(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 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; 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] **C07F 9/6561, A61K 31/675**

(11) **WO 00/18775** (13) A1

(21) PCT/GB99/03207

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 9821058.6 **28 Sep/sep 1998** GB **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ANTIVIRAL PURINE DERIVATIVES
• DERIVES DE PURINE ANTIVIRAUX

(71) **UNIVERSITY COLLEGE CARDIFF CONSULTANTS LIMITED** [GB/GB]; P.O. Box 497, Cardiff CF1 3XR (GB). **REGA FOUNDATION** [BE/BE]; Minderbroedersstraat 10, B–3000 Leuven (BE).
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(72, 75) **MCGUIGAN, Christopher** [GB/GB]; 2 Alfreda Road, Whitchurch, Cardiff CF4 2EH (GB). **BALZARINI, Jan** [BE/BE]; Kapeldreef 20, B–3001 Heverlee (BE).

(74) **HOWARD, Paul, Nicholas**; Carpmaels & Ransford, 43 Bloomsbury Square, London WC1A 2RA (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 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; 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] **C07F 15/02, 15/04, 15/06, 15/00, C08F 10/00**

(11) **WO 00/18776** (13) A1

(21) PCT/FI99/00803

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 982090 **29 Sep/sep 1998** FI **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DIMERIC DIIMINE TRANSITION METAL COMPLEX AND CATALYSTS
• COMPLEXE DIMERE DIIMINE/METAL DE TRANSITION ET CATALYSEURS

(71) **BOREALIS A/S** [DK/DK]; Lyngby Hovedgade 96, DK–2800 Lyngby (DK).
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(72, 75) **LAINE, Timo** [FI/FI]; Isosaarentie 3 C 47, FIN–00840 Helsinki (FI). **LESKELÄ, Markku** [FI/FI]; Rauduntie 19 D, FIN–02130 Espoo (FI).

(74) **BERGGREN OY AB**; P.O. Box 16, FIN–00101 Helsinki (FI).

(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 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; 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] **C07H**

(11) **WO 00/18777** (13) A2

(21) PCT/US99/23214

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,459 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR SYNTHESIZING C–GLYCOSIDES OF ULOSONIC ACIDS
• PROCEDE DE SYNTHESE DE C–GLYCOSIDES D'ACIDES ULOSONIQUES

(71) **UNIVERSITY OF IOWA RESEARCH FOUNDATION** [US/US]; 214 Technology Innovation Center, Iowa City, IA 52242 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LINHARDT, Robert, J.** [US/US]; 1422 Plum Street, Iowa City, IA 52240 (US). **POLAT, Tulay** [TR/US]; 401 Melrose Court, Iowa City, IA 52246 (US). **DU, Yuguo** [CN/CN]; 15 Shuang qing lu, Beijing 100085 (CN).

(74) **MURPHY, Gerald, M., Jr.** et al. / etc.; Birch, Stewart, Kolasch & Birch, LLP, P.O. Box 747, Falls Church, VA 22040–0747 (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 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; 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] **C07H 1/00, 1/02, C07C 255/11, 255/49**

(11) **WO 00/18778** (13) A1

(21) PCT/US99/22436

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 60/102,299 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SYNTHESIS OF CODON RANDOMIZED NUCLEIC ACIDS
• SYNTHESE D'ACIDES NUCLEIQUES FONDEE SUR UNE GENERATION ALEATOIRE DE CODONS

(71) **PHYLOS, INC.** [US/US]; 128 Spring Street, Lexington, MA 02421 (US).

(72) **LOHSE, Peter**; 50 Golden Ball Road, Weston, MA 02493 (US). **KUIMELIS, Robert, G.**; 21 Malbert Road, Brighton, MA 02135 (US).

(74) **ELBING, Karen, L.**; Clark & Elbing LLP, 176 Federal Street, Boston, MA 02110–2214 (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; 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] **C07H 15/04, C11D 1/825 // 1/66, 1/72**

(11) **WO 00/18779** (13) A1

(21) PCT/EP99/06864

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) de (26) de

(30) 198 44 004.9 **25 Sep/sep 1998** DE **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TENSIDE MIXTURES
• MELANGES DE PRODUITS TENSIO–ACTIFS

(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, D–40589 Düsseldorf (DE).
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(72, 75) **RHODE, Oliver** [DE/DE]; Benrodestrasse 63, D–40597 Düsseldorf (DE).

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

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(51)[6] **C07H 19/06, 19/067, 19/073**

(11) **WO 00/18780** (13) A1

(21) PCT/US99/19380

(22) **20 Aug/août 1999 (20.08.1999)**

(25) en (26) en

(30) 09/160,747 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NUCLEOSIDE MODIFICATIONS BY PALLADIUM CATALYZED METHODS
• MODIFICATIONS DE NUCLEOSIDES PAR DES METHODES CATALYSEES AU PALLADIUM

(71) **NEXSTAR PHARMACEUTICALS, INC.** [US/US]; Suite 200, 2860 Wilderness Place, Boulder, CO 80301 (US).

(72) **BECKVERMIT, Jeffrey, T.**; 605 Ramona Court, Berthoud, CO 80513 (US). **TU, Chi**; 947 St. Andrews Lane, Louisville, CO 80027 (US).

(74) **SWANSON, Barry, J.** et al. / etc.; Swanson & Bratschun, L.L.C., Suite 200, 8400 E. Prentice Avenue, Englewood, CO 80111 (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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)[7] **C07H 21/02, C07C 21/04, A61K 48/00, C12Q 1/68**

(11) **WO 00/18781** (13) A1

(21) PCT/US99/22076

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 09/163,162 **29 Sep/sep 1998** US **(29.09.1998)**

(30) 09/286,407 **5 Apr/avr 1999** US **(05.04.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ANTISENSE MODULATION OF SURVIVIN EXPRESSION
• MODULATION ANTI–SENS DE L'EXPRESSION DE LA SURVIVINE

(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) **BENNETT, C., Frank** [US/US]; 1347 Cassins Street, Carlsbad, CA 92009 (US). **ACKERMANN, Elizabeth, J.** [US/US]; 519 Santa Victoria, Solana Beach, CA 92075 (US). **SWAYZE, Eric, E.** [US/US]; 7789 Palenque Street, Carlsbad, CA 92009 (US). **COWSERT, Lex, M.** [US/US]; 3008 Newshire Street, Carlsbad, CA 92008 (US).

(74) **LICATA, Jane, Massey** et al. / etc.; Law Offices of Jane Massey Licata, 66 E. Main Street, Marlton, NJ 08053 (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; 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] **C07H 21/02, 21/04, C12N 15/00, 1/20, C12P 21/06, G01N 33/53, C12Q 1/68, C07K 1/00, A61K 38/00, A01N 37/18**

(11) **WO 00/18782** (13) A2

(21) PCT/US99/22329

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 09/163,759 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HRPCA 9 AND HRPCA 10 NUCLEIC ACIDS AND POLYPEPTIDES
• ACIDES NUCLEIQUES ET POLYPEPTIDES DE HRPCA 9 ET HRPCA 10

(63) US 09/163,759 (CON) 30 Sep/sep 1998 (30.09.1998)

(71) **MILLENNIUM PHARMACEUTICALS, INC.** [US/US]; 640 Memorial Drive, Cambridge, MA 02139 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MACBETH, Kyle, J.** [US/US]; 688 Tremont Street, #4, Boston, MA 02118 (US). **SHYJAN, Andrew, W.** [US/US]; 58 Colby Way, Nahant, MA 01908 (US).

(74) **MEIKLEJOHN, Anita, L.**; Fish & Richardson, P.C., 225 Franklin Street, Boston, MA 02110–2804 (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 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; 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] **C07H 21/02, 21/04**

(11) **WO 00/18783** (13) A1

(21) PCT/US99/22616

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/162,622 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MAMMAGLOBIN, A SECRETED MAMMARY–SPECIFIC BREAST CANCER PROTEIN
• LA MAMMAGLOBINE, UNE PROTEINE SECRETEE SPECIFIQUE AUX TUMEURS MAMMAIRES DANS LE CANCER DU SEIN

(63) US 09/162,622 (CON) 29 Sep/sep 1998 (29.09.1998)

(71) **WASHINGTON UNIVERSITY** [US/US]; One Brookings Drive, St. Louis, MO 63130 (US).
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(72, 75) **WATSON, Mark, A.** [US/US]; 1461 Meadowside Drive, St. Louis, MO 63146 (US). **FLEMING, Timothy, P.** [US/US]; 743 Eaglebrooke Drive, St. Louis, MO 63021 (US).

(74) **HOLLAND, Donald, R.** et al. / etc.; Howell & Haferkamp, L.C., 7733 Forsyth, Suite 1400, St. Louis, MO 63105 (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 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; 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)[6] **C07H 21/04, A61K 48/00, C12Q 1/68, C12N 15/85**

(11) **WO 00/18784** (13) A1

(21) PCT/US99/16219

(22) **19 Jul/juil 1999 (19.07.1999)**

(25) en (26) en

(30) 09/161,015 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ANTISENSE MODULATION OF RhoG EXPRESSION
• MODULATION ANTISENS DE L'EXPRESSION DE RHOG

(71) **ISIS PHARMACEUTICALS, INC.** [US/US]; Carlsbad Research Center, 2292 Faraday Avenue, Carlsbad, CA 92008 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COWSERT, Lex, M.** [US/US]; 3008 Newshire Street, Carlsbad, CA 92008 (US).

(74) **LICATA, Jane, Massey** et al. / etc.; Law Offices of Jane Massey Licata, 66 E. Main Street, Marlton, NJ 08053 (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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **C07H 21/04, A61K 48/00**

(11) **WO 00/18785** (13) A1

(21) PCT/US99/22075

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 09/161,244 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ANTISENSE MODULATION OF CD71 EXPRESSION
• MODULATION ANTI–SENS DE L'EXPRESSION DU CD71

(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) **BENNETT, C., Frank** [US/US]; 1347 Cassins Street, Carlsbad, CA 92009 (US). **COWSERT, Lex, M.** [US/US]; 3008 Newshire Street, Carlsbad, CA 92008 (US).

(74) **LICATA, Jane, Massey** et al. / etc.; Law Offices of Jane Massey Licata, 66 E. Main Street, Marlton, NJ 08053 (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; 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 : *(c)*

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(51)[6] **C07H 21/04, A61K 48/00**

(11) **WO 00/18786** (13) A1

(21) PCT/US99/22114

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 09/161,443 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ANTISENSE MODULATION OF RIP–1 EXPRESSION
• MODULATION ANTISENS DE L'EXPRESSION DE RIP–1

(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) **BENNETT, C., Frank** [US/US]; 1347 Cassins Street, Carlsbad, CA 92009 (US). **COWSERT, Lex, M.** [US/US]; 3008 Newshire Street, Carlsbad, CA 92008 (US).

(74) **LICATA, Jane, Massey** et al. / etc.; Law Offices of Jane Massey Licata, 66 E. Main Street, Marlton, NJ 08053 (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; 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] **C07H 21/04, C07K 14/46, 16/28, C12Q 1/68, C12P 19/34**

(11) **WO 00/18787** (13) A1

(21) PCT/US99/22429

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 60/102,031 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • GENE MUTATED IN WOLFRAM SYNDROME
• MUTATION DE GENE ASSOCIEE AU SYNDROME DE WOLFRAM

(71) **WASHINGTON UNIVERSITY** [US/US]; Campus Box 8013, 600 South Euclid Avenue, St. Louis, MO 63110 (US).

(71, 72) **PERMUTT, M., Alan** [US/US]; 6341 Washington Avenue, St. Louis, MO 63130 (US). **INOUE, Hiroshi** [JP/JP]; Yamaguchi University School of Medicine, Third Dept. of Internal Medicine, Ube Yamaguchi (JP). **MUECKLER, Mike** [US/US]; Washington University School of Medicine, Dept. of Cell Biology and Dept. of Surgery, Division of Human Molecular Genetics, St. Louis, MO 63110 (US).

(74) **REED, Janet, E.** et al. / etc.; Dann, Dorfman, Herrell and Skillman, 1601 Market Street, Suite 720, Philadelphia, PA 19103 (US).

(81) AU JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[6] **C07H 21/04, C07K 14/705, C12N 15/09, C12P 21/06**

(11) **WO 00/18788** (13) A1

(21) PCT/US99/22655

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,480 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NUCLEIC ACIDS ENCODING A G PROTEIN GAMMA SUBUNIT INVOLVED IN SENSORY TRANSDUCTION
• ACIDES NUCLEIQUES CODANT UNE SOUS–UNITE GAMMA DE PROTEINE G INTERVENANT DANS LA TRANSDUCTION SENSORIELLE

(63) US 60/102,480 (CON) 30 Sep/sep 1998 (30.09.1998)

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 12th floor, 1111 Franklin Street, Oakland, CA 94607 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZUKER, Charles, S.** [US/US]; 4778 Thurston Place, San Diego, CA 92130 (US). **ADLER, Jon, Elliot** [US/US]; 1730 P Street N.W., Washington, DC 20036 (US). **COWAN, David** [GB/US]; 1129 Agate Street, Pacific Street, CA 92109 (US).

(74) **PARENT, Annette, S.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111–3834 (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 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; 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 : *(c)*

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(51)[6] **C07K 1/02, 1/04, 1/107**

(11) **WO 00/18789** (13) A1

(21) PCT/AU99/00812

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) PP 6165 **25 Sep/sep 1998** AU **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AUXILIARY FOR AMIDE BOND FORMATION
• AUXILIAIRE POUR LA FORMATION DE LIAISONS AMIDES

(71) **THE UNIVERSITY OF QUEENSLAND** [AU/AU]; Brisbane, Queensland 4072 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SMYTHE, Mark, Leslie** [AU/AU]; 8 Morgan Terrace, Bardon, Queensland 4065 (AU). **MEUTERMANS, Wim, Denise, Frans** [BE/AU]; 16 Fleming Road, Herston, Queensland 4006 (AU).

(74) **GRIFFITH HACK**; 509 St Kilda Road, Melbourne, Victoria 3004 (AU).

(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 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; 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)[6] **C07K 1/02, 1/04, 1/107, 5/12, 7/64**

(11) **WO 00/18790** (13) A1

(21) PCT/AU99/00813

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) PP 6164 **25 Sep/sep 1998** AU **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SYNTHESIS OF CYCLIC PEPTIDES
• SYNTHESE DE PEPTIDES CYCLIQUES

(71) **THE UNIVERSITY OF QUEENSLAND** [AU/AU]; Brisbane, QLD 4072 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SMYTHE, Mark, Leslie** [AU/AU]; 8 Morgan Terrace, Bardon, QLD 4065 (AU). **MEUTERMANS, Wim, Denis, Frans** [BE/AU]; 16 Fleming Road, Herston, QLD 4006 (AU). **BOURNE, Gregory, Thomas** [AU/AU]; 3 Rabaul Street, Moorooka, QLD 4105 (AU). **MCGEARY, Ross, Peter** [AU/AU]; 130 Highland Terrace, St Lucia, QLD 4067 (AU).

(74) **GRIFFITH HACK**; P.O. Box 1285K, Melbourne, VIC 3001 (AU).

(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 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; 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] **C07K 1/04, 7/02, 14/00, A61K 39/04, 39/02, 39/385**

(11) **WO 00/18791** (13) A1

(21) PCT/DK99/00510

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) PA 1998 01233 **29 Sep/sep 1998** DK **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LIGAND PRESENTING ASSEMBLY (LPA), METHOD OF PREPARATION AND USES THEREOF
• ENSEMBLE DE PRESENTATION DE LIGANDS (LPA) SON PROCEDE DE PREPARATION ET SES UTILISATIONS

(71) **STATENS SERUM INSTITUT** [DK/DK]; Artillerivej 5, DK–2300 København S (DK).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **HOLM, Arne** [DK/DK]; Skodsborgparken 20, 2.tv., DK–2942 Skodsborg (DK).

(72, 75) **JØRGENSEN, Rikke, Malene** [DK/DK]; Frem 31, DK–2800 Lyngby (DK). **ØSTERGAARD, Søren** [DK/DK]; Borrebyvej 21, DK–2700 Brønshøj (DK). **THEISEN, Michael** [DK/DK]; N.J. Fjords Allé 20, 4.th, DK–1957 Frederiksberg C (DK).

(74) **HOFMAN–BANG A/S**; Hans Bekkevolds Allé 7, DK–2900 Hellerup (DK).

(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 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; 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] **C07K 1/04, B01J 19/00, C07B 61/00, C07H 21/00**

(11) **WO 00/18792** (13) A1

(21) PCT/EP99/07203

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) de (26) de

(30) 198 44 988.7 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SOLID PHASE SYNTHESIS, WHEREBY THE SOLID PHASE CONSISTS OF TWO DIFFERENT SUBSTRATES
• SYNTHESE SUR PHASE SOLIDE, LA PHASE SOLIDE COMPRENANT DEUX SUBSTRATS DIFFERENTS

(71, 72) **SEEGER, Stefan** [DE/DE]; Johann–Wolfgang–von–Goethe–Strasse 2, D–93077 Bad Abbach a.d. Donau (DE).

(74) **KINDLER, Matthias** et al. / etc.; Hoffmann . Eitle, Arabellastrasse 4, D–81925 München (DE).

(81) AU CA CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[6] **C07K 7/08, 14/72, A61K 38/10, 38/16**

(11) **WO 00/18793** (13) A1

(21) PCT/JP99/05216

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) ja (26) ja

(30) 10/271626 **25 Sep/sep 1998** JP **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PEPTIDE DERIVATIVE
• DERIVE DE PEPTIDE

(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) **KITADA, Chieko** [JP/JP]; 2–8, Minamikoyocho 1–cho, Sakai–shi, Osaka 590–0073 (JP). **HINUMA, Shuji** [JP/JP]; Room 1402, Takeda Kasuga Haitsu, 7–9, Kasuga 1–chome, Tsukuba–shi, Ibaraki 305–0821 (JP).

(74) **ASAHINA, Tadao** 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 AL AM AU AZ BA BB BG BR BY CA CN CR CU CZ DM EE GD GE HR HU ID IL IN IS JP KG KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT TZ UA US UZ VN YU ZA; 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] **C07K 14/00, A61K 38/16, G01N 33/53**

(11) **WO 00/18794** (13) A1

(21) PCT/US99/22402

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/101,693 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARKERS AND FOR THERAPEUTIC USE
• POLYPEPTIDES LIES AU COPOLYMERE 1 UTILES COMME MARQUEURS DE POIDS MOLECULAIRE ET A DES FINS THERAPEUTIQUES

(71) **YEDA RESEARCH AND DEVELOPMENT CO., LTD.** [IL/IL]; P.O. Box 95, 76100 Rehovot (IL).
(for all designated States except / pour tous les États désignés sauf BB US)

(71) **TEVA PHARMACEUTICALS USA, INC.** [US/US]; 1515 Delp Drive, Kulpsville, PA 19443 (US).
(only for / seulement pour BB)

(72, 75) **GAD, Alexander** [IL/IL]; Bilu 21, 74061 Nes Ziona (IL). **LIS, Dora** [IL/IL]; Rehov Nahall 3/18, 38000 Hadera (IL).

(74) **BRAINARD, Charles, R.** et al. / etc.; Kenyon & Kenyon, One Broadway, New York, NY 10004 (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 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; 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] **C07K 14/00**

(11) **WO 00/18795** (13) A2

(21) PCT/US99/22819

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/164,223 **30 Sep/sep 1998 (30.09.1998)** US

(30) 09/276,484 **25 Mar/mar 1999 (25.03.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • COMPOSITIONS AND METHODS FOR WT1 SPECIFIC IMMUNOTHERAPY
• COMPOSITIONS ET METHODES RELATIVES A UNE IMMUNOTHERAPIE SPECIFIQUE DU WT1

(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)

(71, 72) **GAIGER, Alexander** [AT/US]; 1421 – 42nd Avenue East, Seattle, WA 98112 (US).

(72, 75) **CHEEVER, Martin** [US/US]; 6825 – 83rd Avenue S.E., Mercer Island, WA 98104 (US).

(74) **MAKI, David, J.** et al. / etc.; Seed and Berry LLP, 6300 Columbia Center, 701 Fifth Avenue, Seattle, WA 98104–7092 (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 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; 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] **C07K 14/00**

(11) **WO 00/18796** (13) A2

(21) PCT/US99/22970

(22) **1 Oct/oct 1999 (01.10.1999)**

(25) en (26) en

(30) 09/164,740 **1 Oct/oct 1998 (01.10.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SECRETORY PROTEIN – 48
• PROTEINE SECRETOIRE 48

(71) **ZYMOGENETICS, INC.** [US/US]; 1201 Eastlake Avenue East, Seattle, WA 98102 (US).

(72) **LOK, Si**; 806 NW 52nd Street, Seattle, WA 98107 (US). **SHEPPARD, Paul, O.**; 20717 NE 2nd Street, Redmond, WA 98053 (US).

(74) **LUNN, Paul, G.**; ZymoGenetics, Inc., 1201 Eastlake Avenue East, Seattle, WA 98102 (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; 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)[6] **C07K 14/315, C12N 9/48, 9/52**

(11) **WO 00/18797** (13) A1

(21) PCT/US99/22062

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 60/102,099 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MAP
• MAP

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

(72) **ZALACAIN, Magdalena**; 126 Woodmint Drive, West Chester, PA 19380 (US). **BISWAS, Sanjoy**; Apt. B4, 77 S. Valley Road, Paoli, PA 19301 (US). **BURNHAM, Martin, K., R.**; 565 Forgedale Road, Barto, PA 19504 (US). **BROWN, James, R.**; 9 Robbins Lane, Berwyn, PA 19312 (US). **INGRAHAM, Karen, A.**; RR2 Box 108A, Auburn, PA 17922 (US). **CHALKER, Alison, F.**; 137 Harvard Drive, College Woods, Trappe, PA 19426 (US). **HOLMES, David, J.**; 126 WoodMint Drive, West Chester, PA 19380 (US). **WARREN, Richard, L.**; 825 Cathcart Road, Blue Bell, PA 19422 (US). **MATHIE, Thomas, B.**; Apt. B–23, 303 Conestoga Road, Eagleville, PA 19408 (US).

(74) **BLOOM, Allen**; Dechert Price & Rhoads, 4000 Bell Atlantic Tower, 1717 Arch Street, Philadelphia, PA 19103 (US).

(81) JP; 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] **C07K 14/47, A61K 38/17**

(11) **WO 00/18798** (13) A1

(21) PCT/US99/22277

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/101,958 **25 Sep/sep 1998 (25.09.1998)** US

(30) 60/109,896 **25 Nov/nov 1998 (25.11.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ANTIFUNGAL AND ANTIBACTERIAL PEPTIDE
• PEPTIDE ANTIFONGIQUE ET ANTIBACTERIEN

(71) **XOMA TECHNOLOGY LTD.** [–/US]; 2910 Seventh Street, Berkeley, CA 94710 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LITTLE, Roger, G., II** [US/US]; 620 Rose Drive, Benicia, CA 94510 (US).

(74) **RIN–LAURES, Li–Hsien**; Marshall, O'Toole, Gerstein, Murray & Borun, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606–6402 (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 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; 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] **C07K 14/47, 14/475, C12N 5/10, 15/12, 15/16, 15/63, 15/64, A61K 38/16, 38/17, 38/18, 39/395, 48/00**

(11) **WO 00/18799** (13) A1

(21) PCT/US99/22604

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/163,283 **29 Sep/sep 1998 (29.09.1998)** US

(30) 60/108,148 **12 Nov/nov 1998 (12.11.1998)** US

(30) 09/218,698 **22 Dec/déc 1998 (22.12.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ARTEMIN, A NOVEL NEUROTROPHIC FACTOR
• L'ARTEMINE, UN NOUVEAU FACTEUR NEUROTROPHIQUE

(63) US 09/218,698 (CON) 22 Dec/déc 1998 (22.12.1998)

(71) **WASHINGTON UNIVERSITY** [US/US]; One Brookings Drive, St. Louis, MO 63130 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MILBRANDT, Jeffrey, D.** [US/US]; 75 Aberdeen Place, St. Louis, MO 63105 (US). **BALOH, Robert, H.** [US/US]; 964 Tuxedo Boulevard, St. Louis, MO 63119 (US).

(74) **HOLLAND, Donald, R.** et al. / etc.; Howell & Haferkamp, L.C., Suite 1400, 7733 Forsyth, St. Louis, MO 63105 (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 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; 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] **C07K 14/705, C12N 5/10, 15/62, 15/12, 15/63**

(11) **WO 00/18800** (13) A1

(21) PCT/US99/22818

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/163,523 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NOVEL SECRETED IMMUNOMODULATORY PROTEINS AND USES THEREOF
• NOUVELLES PROTEINES SECRETEES IMMUNOMODULATRICES ET LEURS APPLICATIONS

(63) US 09/163,523 (CON) 30 Sep/sep 1998 (30.09.1998)

(71) **MILLENNIUM BIOTHERAPEUTICS, INC.** [US/US]; 620 Memorial Drive, Cambridge, MA 02139 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BUSFIELD, Samantha, J.** [AU/US]; Apartment #1, 15 Trowbridge Street, Cambridge, MA 02138 (US).

(74) **MEIKLEJOHN, Anita, L.**; Fish & Richardson, P.C., 225 Franklin Street, Boston, MA 02110–2804 (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 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; 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 : *(c)*

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(51)[7] **C07K 14/78, 14/435, 7/06, A61K 38/17, A61P 25/28**

(11) **WO 00/18801** (13) A2

(21) PCT/DK99/00500

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) PA 1998 01232 **29 Sep/sep 1998** DK **(29.09.1998)**

(30) PA 1998 00592 **29 Apr/avr 1999** DK **(29.04.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NCAM BINDING COMPOUNDS
• COMPOSES SE LIANT AUX N–CAM

(71, 72) **RØNN, Lars, Christian, B.** [DK/DK]; Rektorparken 14, 3.th., DK–2450 København SV (DK). **BOCK, Elisabeth** [DK/DK]; Tonysvej 20, DK–2920 Charlottenlund (DK). **HOLM, Arne** [DK/DK]; Skodsborgparken 20, 2.tv., DK–2942 Skodsborg (DK). **OLSEN, Marianne** [DK/DK]; Mosevej 5, DK–4000 Roskilde (DK). **ØSTERGAARD, Søren** [DK/DK]; Borrebyvej 21, DK–2700 Brønshøj (DK). **JENSEN, Peter, H.** [DK/DK]; Ahlefeldtsgade 18A, 1.th., DK–1359 København (DK). **POULSEN, Flemming, M.** [DK/DK]; C.F. Richsvej 99A, 1.tv., DK–2000 Frederiksberg (DK). **SOROKA, Vladislav** [UA/DK]; Tuborgvej 58, 1.tv., DK–2900 Hellerup (DK). **RALETS, Igor** [UA/DK]; Nørre Allé 8, 111, DK–2200 København N (DK). **BEREZIN, Vladimir** [UA/DK]; Nørrebrogade 223, 1.th., DK–2200 København N (DK).

(74) **PATRADE A/S**; Aaboulevarden 21, DK–8000 Aarhus C (DK).

(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 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; 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)[6] **C07K 14/805, C07H 17/00, C12P 21/06**

(11) **WO 00/18802** (13) A1

(21) PCT/US99/22756

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,640 **1 Oct/oct 1998** US **(01.10.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • POLYMERIC HEMOGLOBIN MUTANTS
• MUTANTS POLYMERES DE L'HEMOGLOBINE

(71) **TEMPLE UNIVERSITY – OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION** [US/US]; Broad Street and Montgomery Avenue, Philadelphia, PA 19122 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRONTICELLI, Clara** [US/US]; 11514 Pebble Creek, Timonium, MD 21093 (US).

(74) **MONACO, Daniel, A.**; Seidel, Gonda, Lavorgna & Monaco, P.C., Suite 1800, Two Penn Center Plaza, Philadelphia, PA 19102 (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 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; 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] **C07K 16/28, C12N 5/20, G01N 33/577, 33/68, C07K 14/705, C12N 15/12**

(11) **WO 00/18803** (13) A2

(21) PCT/US99/22269

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 98402374.7 **25 Sep/sep 1998** EP **(25.09.1998)**

(30) 99400394.5 **18 Feb/fév 1999** EP **(18.02.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ANTIBODIES TO MAMMALIAN LANGERHANS CELL ANTIGEN AND THEIR USES
• ANTICORPS LIES A UN ANTIGENE MAMMALIEN DE LA CELLULE DE LANGERHANS ET LEURS UTILISATIONS

(71) **SCHERING CORPORATION** [US/US]; 2000 Galloping Hill Road, Kenilworth, NJ 07033–0530 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DUVERT–FRANCES, Valérie** [FR/FR]; 1–3, chemin de la Pomme, Résidence les Hespérides – Allée E, F–69160 Tasin La Demi–Lune (FR). **PIN, Jean–Jacques** [FR/FR]; 94 RN6, F–69720 Saint Bonnet de Mure (FR). **VALLADEAU, Jenny** [FR/FR]; 10, rue Camille Roy, F–69007 Lyon (FR). **CLAIR, Valérie** [FR/FR]; 21, avenue Lacassagne, F–69003 Lyon (FR). **SEALAND, Sem** [NO/FR]; 6, rue Soeur Bouvoir, F–69005 Lyon (FR). **LEBECQUE, Serge, J., E.** [BE/FR]; 54, chemin du Marand, F–69380 Civrieux D'Azergues (FR).

(74) **FOULKE, Cynthia, L.** et al. / etc.; Schering–Plough Corporation, Patent Dept., K–6–1 1990, 2000 Galloping Hill Road, Kenilworth, NJ 07033–0530 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CZ DE DK DM EE ES FI GB GD GE HR HU ID IL IN IS JP KG KR KZ LC LK LR LT LU LV MD MG MK MN MX NO NZ PL PT RO RU SE SG SI SK SL TJ TM TR TT TZ UA US UZ VN YU ZA; 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)[6] **C07K 16/28, 14/00, C12N 15/11, A61K 39/395, C12N 15/85**

(11) **WO 00/18804** (13) A1

(21) PCT/US99/22428

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 60/102,098 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TIE2 AGONIST ANTIBODIES
• ANTICORPS AGONISTES DE TIE2

(71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US). **SMITHKLINE BEECHAM PLC.** [GB/GB]; New Horizons Court, Brentford, Middlesex TW8 9EP (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HOLMES, Stephen, D.** [GB/GB]; New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). **ERICKSON–MILLER, Connie, L.** [US/US]; 608 Brainerd Place, Exton, PA 19341 (US). **WINKLER, James, D.** [US/US]; 701 Hartranft Avenue, Fort Washington, PA 19034 (US).

(74) **BAUMEISTER, Kirk** 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) CA JP US; 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] **C07K 16/40, C12P 21/08, G01N 33/53, A61K 39/395**

(11) **WO 00/18805** (13) A1

(21) PCT/JP99/05350

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) ja (26) ja

(30) 10/291501 **29 Sep/sep 1998 (29.09.1998)** JP

(30) 10/291503 **29 Sep/sep 1998 (29.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NOVEL ANTIBODIES, DRUGS CONTAINING THESE ANTIBODIES AND METHODS FOR SCREENING COMPOUNDS BY USING THESE ANTIBODIES
• NOUVEAUX ANTICORPS, MEDICAMENTS LES CONTENANT ET METHODES DE CRIBLAGE DE COMPOSES PAR UTILISATION DESDITS ANTICORPS

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

(72, 75) **HANAI, Nobuo** [JP/JP]; 7–9–15, Onodai, Sagamihara–shi, Kanagawa 229–0011 (JP). **FURUYA, Akiko** [JP/JP]; 1464–49, Kisomachi, Machida–shi, Tokyo 194–0033 (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) AU BG BR CA CN CZ HU ID IL IN JP KR MX NO NZ PL RO SG SI SK UA US VN ZA; EA (AM AZ BY KG 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] **C07K 16/46, A61K 39/395 // C07K 16/28, 16/30**

(11) **WO 00/18806** (13) A1

(21) PCT/EP99/07095

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) de (26) de

(30) 198 44 157.6 **25 Sep/sep 1998 (25.09.1998)** DE

(30) 198 59 110.1 **21 Dec/déc 1998 (21.12.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BISPECIFIC AND TRISPECIFIC ANTIBODIES WHICH SPECIFICALLY REACT WITH INDUCIBLE SURFACE ANTIGENS AS OPERATIONAL TARGET STRUCTURES
• ANTICORPS BISPECIFIQUES ET TRISPECIFIQUES REAGISSANT DE FAÇON SPECIFIQUE AVEC DES ANTIGENES D'ENVELOPPE POUVANT ETRE INDUITS, EN TANT QUE STRUCTURES CIBLES OPERATIONNELLES

(71, 72) **LINDHOFER, Horst** [DE/DE]; Bodenseestrasse 12, D–82194 Gröbenzell (DE).

(74) **BEHNISCH, Werner**; Reinhard–Skuhra–Weise & Partner GbR, Postfach 44 01 51, D–80750 München (DE).

(81) CA JP US; 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 4/00, 2/38**

(11) **WO 00/18807** (13) A1

(21) PCT/EP99/06924

(22) **18 Sep/sep 1999 (18.09.1999)**

(25) en (26) en

(30) 98810979.9 **29 Sep/sep 1998 (29.09.1998)** EP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS FOR THE PREPARATION OF POLYMERS CONTAINING N→O TERMINAL GROUPS
• PROCEDE DE PREPARATION DE POLYMERES CONTENANT DES GROUPES TERMINAUX N→O

(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) **KRAMER, Andreas** [CH/CH]; Bundtels 3, CH–3186 Düdingen (CH). **MÜHLEBACH, Andreas** [CH/CH]; Kirchmattweg 31, CH–5070 Frick (CH). **RIME, François** [CH/CH]; Route du Centre 17, CH–1723 Marly 2 (CH).

(74) **CIBA SPECIALTY CHEMICALS HOLDING INC.**; Patentabteilung, Klybeckstrasse 141, CH–4057 Basel (CH).

(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 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; 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] **C08F 4/54, 4/12, 10/00, C07F 5/00, 17/00**

(11) **WO 00/18808** (13) A1

(21) PCT/US99/22690

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,420 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CATIONIC GROUP 3 CATALYST SYSTEM
• SYSTEME CATALYTIQUE CATIONIQUE DU GROUPE 3

(71) **EXXON CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520–5200 (US).

(72) **CHRISTOPHER, Joseph, N.**; 3207 Ivory Pointe Drive, League City, TX 77573 (US). **SQUIRE, Kevin, Richard**; 2111 Seven Maples Drive, Kingwood, TX 77345 (US). **CANICH, Jo, Ann Marie**; 15710 Mesa Verde Drive, Houston, TX 77059 (US). **SHAFFER, Timothy, D.**; 16415 Brookford Drive, Houston, TX 77059 (US).

(74) **REIDY, Joseph, F.** et al. / etc.; Exxon Chemical Company, P.O. Box 2149, Baytown, TX 77522–2149 (US).

(81) BR CA CN JP KR MX SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[7] **C08F 4/655, 10/00**

(11) **WO 00/18809** (13) A1

(21) PCT/EP99/07085

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) de (26) de

(30) 198 43 858.3 **25 Sep/sep 1998 (25.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR PRODUCING A POLYMER
• PROCEDE DE PRODUCTION D'UN POLYMERE

(71) **TICONA GMBH** [DE/DE]; An der B43, D–65451 Kelsterbach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EHLERS, Jens** [DE/DE]; Krummer Weg 18, D–46499 Hamminkeln (DE). **HAFTKA, Stanislaw** [DE/DE]; Am Friedenshof 64, D–46485 Wesel (DE). **WANG, Louis** [US/US]; 1323 Chippenham Court, Missouri City, TX 77459 (US).

(81) AE AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GD GE HR HU ID IL IN IS JP KG KP KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA US UZ VN YU ZA; 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] **C08F 10/02**

(11) **WO 00/18810** (13) A2

(21) PCT/EP99/07086

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) de (26) de

(30) 198 44 167.3 **25 Sep/sep 1998 (25.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ACTIVATED CARBON FILTER
• FILTRE AU CHARBON ACTIF

(71) **TICONA GMBH** [DE/DE]; An der B43, D–65451 Kelsterbach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAFTKA, Stanislaw** [DE/DE]; Am Friedenshof 64, D–46485 Wesel (DE). **EHLERS, Jens** [DE/DE]; Krummer Weg 18, D–46499 Hamminkeln (DE). **WANG, Louis** [US/US]; 1323 Chippenham Court, Missoury City, TX 77459 (US). **BARTH, Christiane** [DE/DE]; Cecilien Strasse 14, D–46147 Oberhausen (DE).

(81) AE AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GD GE HR HU ID IL IN IS JP KG KP KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA US UZ VN YU ZA; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **C08F 14/18, 214/22, 214/28**

(11) **WO 00/18811** (13) A1

(21) PCT/EP99/06836

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) de (26) de

(30) 198 44 188.6 **28 Sep/sep 1998 (28.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR PRODUCING A FAST CROSSLINKABLE FLUORORUBBER
• PROCEDE DE PRODUCTION D'UN CAOUTCHOUC FLUORE A RETICULATION RAPIDE

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

(72, 75) **KRÜGER, Ralf** [DE/US]; 7085 Westgate Drive, Beaumont, TX 77706 (US). **HARRISON, David, Bryan** [GB/DE]; Heymannstrasse 38, D–51373 Leverkusen (DE).

(74) **BAYER AKTIENGESELLSCHAFT**; D–51368 Leverkusen (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 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; 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] **C08F 36/04, 4/02, 4/70, 4/54**

(11) **WO 00/18812** (13) A1

(21) PCT/EP99/06979

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) en (26) en

(30) 98203313.6 **26 Sep/sep 1998 (26.09.1998)** EP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CATALYST COMPONENTS FOR THE POLYMERIZATION OF DIENES, CATALYST OBTAINED THEREFROM, AND PROCESS FOR THE PREPARATION OF POLYDIENES USING THE SAME
• COMPOSANTS DE CATALYSEUR DESTINES A LA POLYMERISATION DE DIENES, CATALYSEUR AINSI OBTENU, ET PROCEDE DE PREPARATION DE POLYDIENES A L'AIDE DE CELUI–CI

(71) **MONTELL 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) **GALIMBERTI, Maurizio** [IT/IT]; Via Vertoiba, 4, I–20137 Milano (IT). **FUSCO, Ofelia** [IT/IT]; Via Mulinetto, 63, I–44100 Ferrara (IT). **GIOIA, Giuseppe** [IT/IT]; Via Provinciale, 528, I–85040 Agromonte Mileo (IT).

(74) **ZANOLI, Enrico** et al. / etc.; Montell Italia S.p.A., Intellectual Property, Patents and Trademarks, P.le G. Donegani 12, I–44100 Ferrara (IT).

(81) AU BR CA CN HU IL IN JP KR MX RU SG US ZA; 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 210/16, C08L 23/04, C08F 4/64**

(11) **WO 00/18813** (13) A1

(21) PCT/EP99/07128

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 98118190.2 **25 Sep/sep 1998 (25.09.1998)** EP

(30) 98123826.4 **15 Dec/déc 1998 (15.12.1998)** EP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PRODUCTION OF MULTIMODAL POLYETHYLENE
• PRODUCTION D'UN POLYETHYLENE MULTIMODAL

(71) **FINA RESEARCH S.A.** [BE/BE]; Zone Industrielle C, B–7181 Seneffe (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DEBRAS, Guy** [BE/BE]; Rue Champ de la Chapelle 12, B–6210 Frasnes–les–Gosselies (BE). **RAZAVI, Abbas** [IR/BE]; Domaine de la Brisée 35, B–7000 Mons (BE). **MICHEL, Jacques** [BE/BE]; Chaussée de Marche 2/C, B–7181 Feluy (Seneffe) (BE).

(74) **FINA RESEARCH S.A.**; Patent Department, Zone Industrielle C, B–7181 Seneffe (Feluy) (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 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; 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] **C08F 210/16, C08L 23/04, C08F 4/64**

(11) **WO 00/18814** (13) A1

(21) PCT/EP99/07129

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 98118190.2 **25 Sep/sep 1998 (25.09.1998)** BE

(30) 98123826.4 **15 Dec/déc 1998 (15.12.1998)** BE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PRODUCTION OF MULTIMODAL POLYETHYLENE
• PRODUCTION D'UN POLYETHYLENE MULTIMODAL

(71) **FINA RESEARCH S.A.** [BE/BE]; Zone Industrielle C, B–7181 Seneffe (Feluy) (BE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DEBRAS, Guy** [BE/BE]; Rue Champ de la Chapelle 12, B–6210 Frasnes–les–Gosselies (BE). **RAZAVI, Abbas** [IR/BE]; Domaine de la Brisée 35, B–7000 Mons (BE). **MICHEL, Jacques** [BE/BE]; Chaussée de Marche 2/C, B–7181 Feluy (Seneffe) (BE).

(74) **FINA RESEARCH S.A.**; Patent Dept., Zone Industrielle C, B–7181 Seneffe (Feluy) (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 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; 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)[6] **C08F 240/00, C08L 57/02, C09J 157/02, 201/00**

(11) **WO 00/18815** (13) A1

(21) PCT/JP99/05209

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) ja (26) ja

(30) 10/278521 **30 Sep/sep 1998 (30.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS FOR PRODUCING HYDROGENATED C_9 PETROLEUM RESIN AND HYDROGENATED C_9 PETROLEUM RESIN OBTAINED BY THE PROCESS
• RESINE DE PETROLE EN C_9 HYDROGENEE ET PROCEDE DE PRODUCTION CORRESPONDANT

(71) **ARAKAWA CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 3–7, Hiranomachi 1–chome, Chuo–ku, Osaka–shi, Osaka 541–0046 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **OKAZAKI, Takumi** [JP/JP]; 14–13, Kitayamato 2–chome, Ikoma–shi, Nara 630–0121 (JP). **NAGAHARA, Eiji** [JP/JP]; 3–2–102, Jingu 6–chome, Nara–shi, Nara 631–0804 (JP). **KESHI, Hirokazu** [JP/JP]; 2–13–12, Nishikinya, Hirakata–shi, Osaka 573–1192 (JP).

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

(81) CA CN US; 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 18/38, 18/10**

(11) **WO 00/18816** (13) A1

(21) PCT/EP99/06519

(22) **4 Sep/sep 1999 (04.09.1999)**

(25) en (26) en

(30) 198 44 002.2 **25 Sep/sep 1998 (25.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS FOR PRODUCING POLYURETHANES USING BIS–(4–AMINO–2– HALOGENO–3, 5–DIALKYLPHENYL) –METHANE AND ARTICLES PREPARED THEREFROM
• PROCEDE DE PRODUCTION DE POLYURETHANNES AU MOYEN DE BIS–(–4–AMINO–2–HALOGENO–3.5–DIALKYLPHENYL)–METHANE ET ARTICLES OBTENUS A PARTIR DE CES POLYURETHANNES

(71) **GAMBRO DIALYSATOREN GMBH & CO. KG** [DE/DE]; Ermelessstrasse 76, D–72371 Hechingen (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BAUER, Ulrich, Robert** [DE/DE]; Johann–Strauss–Strasse 1, D–72379 Hechingen–Sickingen (DE).

(74) **WEBER – SEIFFERT – LIEKE**; Gustav–Freytag–Strasse 25, D–65189 Wiesbaden (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CN CU CZ DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **C08G 18/48, 18/12**

(11) **WO 00/18817** (13) A1

(21) PCT/EP99/05375

(22) **27 Jul/juil 1999 (27.07.1999)**

(25) en (26) en

(30) 09/160,968 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS FOR MAKING MICROCELLULAR POLYURETHANE ELASTOMERS
• PROCEDE DE PRODUCTION D'ELASTOMERES MICROCELLULAIRES DE POLYURETHANNE

(71) **ARCO CHEMICAL TECHNOLOGY, L.P.** [US/US]; Suite 238, Two Greenville Crossing, 4001 Kennet Pike, Greevnville, DE 19807 (US). *(for all designated States except / pour tous les États désignés sauf MN)*

(71) **LYONDELL CHEMIE TECHNOLOGIE NEDERLAND B.V.** [NL/NL]; Theemsweg 14, NL–3197 KM Botlek Rotterdam (NL). *(only for / seulement pour MN)*

(72) **HO, David, J.**; 197 Daylesford Boulevard, Berwyn, PA 19312 (US).

(74) **COLMER, Stephen, Gary**; Mathys & Squire, 100 Gray's Inn Road, London WC1X 8AL, United Kingdom (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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **C08G 59/50**

(11) **WO 00/18818** (13) A1

(21) PCT/JP99/05267

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) ja (26) ja

(30) 10/294546 **29 Sep/sep 1998 (29.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CURING AGENTS FOR EPOXY RESINS
• AGENTS DE DURCISSEMENT POUR RESINES EPOXY

(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) **TOMOTAKI, Yoshihisa** [JP/JP]; Otsuka Kagaku Kabushiki Kaisha, Tokushima Factory, 463, Kagasuno, Kawauchi–cho, Tokushima–shi, Tokushima 771–0193 (JP). **KITAJIMA, Takashi** [JP/JP]; Otsuka Kagaku Kabushiki Kaisha, Tokushima Factory, 463, Kagasuno, Kawauchi–cho, Tokushima–shi, Tokushima 771–0193 (JP). **ISHIKAWA, Keiichiro** [JP/JP]; Otsuka Kagaku Kabushiki Kaisha, Tokushima Factory, 463, Kagasuno, Kawauchi–cho, Tokushima–shi, Tokushima 771–0193 (JP). **NABESHIMA, Akihiro** [JP/JP]; Otsuka Kagaku Kabushiki Kaisha, Tokushima Factory, 463, Kagasuno, Kawauchi–cho, Tokushima–shi, Tokushima

771–0193 (JP). **FURUICHI, Tomohiro** [JP/JP]; Otsuka Kagaku Kabushiki Kaisha, Tokushima Factory, 463, Kagasuno, Kawauchi–cho, Tokushima–shi, Tokushima 771–0193 (JP).

(74) **TAMURA, Iwao**; Tamura Patent Office, 9–22, Terauchi 1–chome, Toyonaka–shi, Osaka 560–0872 (JP).

(81) KR RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **C08G 63/00, C07C 51/09, 57/10**

(11) **WO 00/18819** (13) A1

(21) PCT/JP99/05124

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) ja (26) ja

(30) 10/275657 **29 Sep/sep 1998 (29.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESSES FOR PRODUCING POLYESTER AND PRODUCING SORBIC ACID
• PROCEDES DE PRODUCTION DE POLYESTER ET D'ACIDE SORBIQUE

(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) **KAMEI, Noboru** [JP/JP]; 16–1–305, 1–chome, Otsu–cho, Otsu–ku, Himeji–shi, Hyogo 671–1146 (JP). **YAMASHITA, Akira** [JP/JP]; 2–5, Hakusan–cho, Arai–shi, Niigata 944–0047 (JP). **KOUNO, Mitsuhiro** [JP/JP]; 2–5–1–403, Hidanomori, Arai–shi, Niigata 944–0016 (JP).

(74) **GOTO, Yukihisa**; 202, Masuda Building, 7–16, Higashitenma 2–chome, Kita–ku, Osaka–shi, Osaka 530–0044 (JP).

(81) CN US; 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 63/52, 63/676, 63/547**

(11) **WO 00/18820** (13) A1

(21) PCT/FI99/00799

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 982089 **29 Sep/sep 1998 (29.09.1998)** FI

(30) 990195 **2 Feb/fév 1999 (02.02.1999)** FI

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • UNSATURATED POLYESTER RESIN AND THE USE OF IT
• RESINE DE POLYESTER INSATUREE ET SON UTILISATION

(71) **NESTE CHEMICALS OY** [FI/FI]; PL 320, FIN–06101 Porvoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAHBUB, Paul** [US/FI]; Pormestarinkatu 6 B 16, FIN–06100 Porvoo (FI). **AIROLA, Karri** [FI/FI]; Keltavuokontie 4 A 3, FIN–06400 Porvoo (FI). **VALTONEN, Eija** [FI/FI]; Humaltarhankatu 2 C 20, FIN–06400 Porvoo (FI).

(74) **FORSSÉN & SALOMAA OY**; Yrjönkatu 30, FIN–00100 Helsinki (FI).

(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 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; 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] **C08G 63/91, C08L 67/00**

(11) **WO 00/18821** (13) A1

(21) PCT/US99/22755

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/164,865 **1 Oct/oct 1998 (01.10.1998)** US

(30) 09/396,589 **15 Sep/sep 1999 (15.09.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BIODEGRADABLE LOW MOLECULAR WEIGHT TRIBLOCK POLYESTER POLYETHYLENE GLYCOL COPOLYMERS HAVING REVERSE THERMAL GELATION PROPERTIES
• COPOLYMERES TRISEQUENCES DE POLYESTER POLYETHYLENE-GLYCOL, DE FAIBLE POIDS MOLECULAIRE, BIODEGRADABLES ET DOTES DE CARACTERISTIQUES INVERSES DE GELIFICATION THERMIQUE

(71) **MACROMED, INC.** [US/US]; Suite 205, 419 Wakara Way, Salt Lake City, UT 84108 (US).

(72) **RATHI, Ramesh, C.**; 1032 E 400 S #401B, Salt Lake City, UT 84102 (US). **ZENTNER, Gaylen, M.**; 6312 S Colleton Circle, Salt Lake City, UT 84121 (US). **JEONG, Byeongmoon**; 714 S Arapeen Drive, Salt Lake City, UT 84108 (US).

(74) **WESTERN, M., Wayne** et al. / etc.; Thorpe, North & Western, LLP, P.O. Box 1219, 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 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; 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)[6] **C08G 64/00, 64/30, G02B 1/04**

(11) **WO 00/18822** (13) A1

(21) PCT/JP99/04348

(22) **11 Aug/août 1999 (11.08.1999)**

(25) ja (26) ja

(30) 10/272750 **28 Sep/sep 1998 (28.09.1998)** JP

(30) 10/272751 **28 Sep/sep 1998 (28.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • COPOLYCARBONATE AND PROCESS FOR PRODUCING THE SAME
• COPOLYCARBONATE ET PROCEDE DE PRODUCTION CORRESPONDANT

(71) **IDEMITSU PETROCHEMICAL CO., LTD.** [JP/JP]; 6–1, Shiba 5–chome, Minato–ku, Tokyo 108–0014 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ITO, Mitsunori** [JP/JP]; 1–1, Anesaki-kaigan, Ichihara–shi, Chiba 299–0107 (JP).

(74) **TOHEI, Masamichi**; Idemitsu Kosan Co., Ltd., 24–4, Anesakikaigan, Ichihara–shi, Chiba 299–0107 (JP).

(81) CN JP KR US; 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 65/32, 65/26, C08F 283/06, C07K 1/04**

(11) **WO 00/18823** (13) A2

(21) PCT/DK99/00508

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) PA 1998 01224 **28 Sep/sep 1998 (28.09.1998)** DK

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PEG–BASED MACROMONOMERS, CHEMICALLY INERT POLYMERS PREPARED THEREFROM AND THE USE OF THESE POLYMERS FOR ORGANIC SYNTHESIS AND ENZYME REACTIONS
• MACROMONOMERES A BASE DE PEG, POLYMERES INERTES AU PLAN CHIMIQUE, PREPARES A PARTIR DESDITS MACROMONOMERES ET UTILISATION DESDITS POLYMERES POUR LA SYNTHESE ORGANIQUE ET LES REACTIONS ENZYMATIQUES

(71) **CARLSBERG A/S** [DK/DK]; Carlsberg Laboratorium, Gamle Carlsberg Vej 10, DK–2500 Valby (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MELDAL, Morten** [DK/DK]; Nitivej 11, 3.th., DK–2000 Frederiksberg (DK). **BUCHARDT, Jens** [DK/DK]; Nr. Farimagsgade 69, 2.th., DK–1364 Copenhagen K (DK). **RADEMANN, Jörg** [DE/DK]; Händelsvej 17, st.th., DK–2450 Copenhagen (DK).

(74) **PLOUGMANN, VINGTOFT & PARTNERS A/S**; Sankt Annæ Plads 11, P.O. Box 3007, DK–1021 Copenhagen K (DK).

(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 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; 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] **C08G 75/23, 65/40**

(11) **WO 00/18824** (13) A1

(21) PCT/US99/22079

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 60/101,878 **25 Sep/sep 1998 (25.09.1998)** US

(30) 09/400,768 **22 Sep/sep 1999 (22.09.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • POLY (BIPHENYL ETHER SULFONE)
• POLY (BIPHENYLE–ETHERSULFONE)

(71) **BP AMOCO CORPORATION** [US/US]; Law Dept., Mail Code 1907A, 200 E. Randolph Drive, P.O. Box 87703, Chicago, IL 60680–0703 (US).

(72) **SAVARIAR, Selvaraj**; 3165 Bugle Drive, Duluth, GA 30096 (US).

(74) **NEMO, Thomas, E.**; BP Amoco Corporation, Law Dept., Mail Code 1907A, P.O. Box 87703, Chicago, IL 60680–0703 (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; 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] **C08G 77/388, 77/46, 65/02**

(11) **WO 00/18825** (13) A1

(21) PCT/US99/22490

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 60/102,039 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ORGANOSILOXANE CONTAINING MODIFIED GROUPS IN PESTICIDAL COMPOSTIONS
• ORGANOSILOXANE CONTENANT DES GROUPES MODIFIES DANS DES COMPOSITIONS DE PESTICIDES

(71) **CK WITCO CORPORATION** [US/US]; One American Lane, Greenwich, CT 06831 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **POLICELLO, George, A.** [DE/DE]; 35 Havell Street, Ossining, NY 10562 (US).

(72, 75) **CZECH, Anna** [US/US]; 253 Millington Road, Cortlandt Manor, NY 10566 (US). **BURGAZLI, Jack** [US/US]; 2297 County Road 24, Cardington, OH 43315 (US).

(74) **STEINKRAUS, Walter**; Vidas, Arrett & Steinkraus, P.A., 6109 Blue Circle Drive, Suite 2000, Minnetonka, MN 55343–9131 (US).

(81) AU BR CA CN IL JP KR NZ SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **C08J 3/02**

(11) **WO 00/18826** (13) A1

(21) PCT/US99/21360

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 09/160,843 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • STABLE AQUEOUS POLYMER DISPERSIONS AND A PROCESS FOR THEIR PREPARATION AND FORMULATION
• DISPERSIONS POLYMERES AQUEUSES STABLES ET PROCEDE POUR LEUR PREPARATION ET LEUR FORMULATION

(71) **MCWHORTER TECHNOLOGIES, INC.** [US/US]; 400 East Cottage Place, Carpentersville, IL 60110 (US).

(72) **COAD, Michael, Davis**; 120 North Oak Park Avenue, Apt.# 318, Oak Park, IL 60301 (US). **NOTHNAGEL, Joseph, Leo**; 211 Tanager Drive, Woodstock, IL 60098 (US). **O'CALLAGHAN, Kevin, Jude**; 533 Lincoln Street, Algonquin, IL 60102 (US). **STERZER, Carlos, Alfred, Kienzie**; 2315 Forest Ridge Road, St. Charles, IL 60174 (US).

(74) **SAMPLES, Kenneth, H.** et al. / etc.; Fitch, Even, Tabin & Flannery, Room 1600, 120 South LaSalle, Chicago, IL 60603 (US).

(81) CA.

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(51)[6] **C08J 3/02**

(11) **WO 00/18827** (13) A1

(21) PCT/US99/21387

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 09/161,145 **25 Sep/sep 1998 (25.09.1998)** US

(30) 09/160,843 **25 Sep/sep 1998 (25.09.1998)** US

(30) 09/268,279 **15 Mar/mar 1999 (15.03.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AQUEOUS BASED DISPERSIONS FOR POLYOLEFINIC SUBSTRATES
• DISPERSIONS A BASE AQUEUSE POUR SUBSTRATS POLYOLEFINIQUES

(71) **MCWHORTER TECHNOLOGIES, INC.** [US/US]; 400 East Cottage Place, Carpentersville, IL 60110 (US).

(72) **O'CALLAGHAN, Kevin, Jude**; 533 Lincoln Street, Algonquin, IL 60102 (US). **RIDDICK, Wayne, Taylor**; 1210 Charles Avenue, Algonquin, IL 60102 (US). **COAD, Michael, Davis**; Apartment 318, 120 North Oak Park Avenue, Oak Park, IL 60301 (US). **WILL, Martin, Joseph, II**; 1182 Shoreline Drive, Aurora, IL 60504 (US).

(74) **SAMPLES, Kenneth, H.** et al. / etc.; Fitch, Even, Tabin & Flannery, Room 1600, 120 South LaSalle, Chicago, IL 60603 (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 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; 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)[6] **C08J 3/02**

(11) **WO 00/18828** (13) A1

(21) PCT/US99/21792

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 09/161,145 **25 Sep/sep 1998 (25.09.1998)** US

(30) 09/160,843 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • STABLE AQUEOUS POLYMER DISPERSIONS AND A PROCESS FOR THEIR PREPARATION
• DISPERSIONS POLYMERES AQUEUSES STABLES ET PROCEDE DE LEUR PREPARATION

(63) US 09/161,145 (CIP)

25 Sep/sep 1998 (25.09.1998)
US 09/160,843 (CIP)
25 Sep/sep 1998 (25.09.1998)

(71) **MCWHORTER TECHNOLOGIES, INC.** [US/US]; 400 East Cottage Place, Carpentersville, IL 60110 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NOTHNAGEL, Joseph, Leo** [US/US]; 211 Tanager Drive, Woodstock, IL 60098 (US). **COAD, Michael, Davis** [US/US]; 120 North Oak Park Avenue, #318, Oak Park, IL 60301 (US). **O'CALLAGHAN, Kevin, Jude** [CA/US]; 533 Lincoln Street, Algonquin, IL 60102 (US). **STERZER, Carlos, Alfredo, Kienzle** [VE/US]; 2315 Forest Ridge Road, St. Charles, IL 60174 (US).

(74) **SAMPLES, Kenneth, H.** et al. / etc.; Fitch, Even, Tabin & Flannery, Room 1600, 120 South LaSalle, Chicago, IL 60603 (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 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; 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)[6] **C08J 5/18, C09J 7/02, G09F 3/10**

(11) **WO 00/18829** (13) A1

(21) PCT/JP99/05161

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) ja (26) ja

(30) 10/287373 **25 Sep/sep 1998 (25.09.1998)** JP

(30) 10/357231 **16 Dec/déc 1998 (16.12.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • THERMOPLASTIC RESIN FILM AND LABEL SHEET COMPRISING THE SAME
• FILM DE RESINE THERMOPLASTIQUE ET FEUILLE ETIQUETTE COMPRENANT LEDIT FILM

(71) **OJI–YUKA SYNTHETIC PAPER CO., LTD.** [JP/JP]; 3, Kanda Surugadai 4–chome, Chiyoda–ku, Tokyo 101–0062 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHIBUYA, Nobuhiro** [JP/JP]; Oji–Yuka Synthetic Paper Co., Ltd., Kashima Kojo, 23, Oaza Touwada, Kamisu–machi, Kashima–gun, Ibaraki 314–0102 (JP). **OHKAWACHI, Ichiro** [JP/JP]; Oji–Yuka Synthetic Paper Co., Ltd. Kashima Kojo, 23, Oaza Touwada, Kamisu–machi, Kashima–gun, Ibaraki 314–0102 (JP).

(74) **HAGINO, Taira** et al. / etc.; Eikoh Patent Office, ARK Mori Building, 28th floor, 12–32, Akasaka 1–chome, Minato–ku, Tokyo 107–6028 (JP).

(81) JP KR US; 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] **C08J 11/06, 11/16 // C08L 67:02**

(11) **WO 00/18830** (13) A1

(21) PCT/US99/23206

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/164,819 **1 Oct/oct 1998 (01.10.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR CLEANING AND DECONTAMINATING POLYESTERS
• PROCEDE DE NETTOYAGE ET DE DECONTAMINATION DE POLYESTERS

(71) **THE COCA–COLA COMPANY** [US/US]; One Coca–Cola Plaza, N.W., Atlanta, GA 30313 (US).

(72) **SCHWARTZ, John, A., Jr.**; 160 Gordon Drive, Spartanburg, SC 29301 (US).

(74) **LAYTON, Samuel, G., Jr.** et al. / etc.; Alston & Bird LLP, P.O. Drawer 34009, Charlotte, NC 28234–4009 (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 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; 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 3/04, C08L 67/02, B41M 5/26**

(11) **WO 00/18831** (13) A1

(21) PCT/US99/17627

(22) **3 Aug/août 1999 (03.08.1999)**

(25) en (26) en

(30) 09/160,901 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • COMPOSITION FOR LASER MARKING
• COMPOSITION POUR LE MARQUAGE PAR LASER

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **VOLLENBERG, Peter, Hendrikus, T.**; 2343 West Summit Drive, Evansville, IN 47712 (US). **FISHER, Robert, Alan**; 9223 East Lake Drive, Wadesville, IN 47638 (US).

(74) **WINTER, Catherine, J.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) JP SG; 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] **C08K 5/13, 5/22, 5/50, C08L 27/12, C08F 14/18**

(11) **WO 00/18832** (13) A1

(21) PCT/EP99/06837

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) de (26) de

(30) 198 44 338.2 **28 Sep/sep 1998 (28.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FLUORORUBBER MIXTURES MADE FAST CROSSLINKABLE FLUORORUBBERS
• MELANGES DE CAOUTCHOUCS FLUORES COMPOSES DE CAOUTCHOUCS FLUORES A RETICULATION RAPIDE

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

(72, 75) **KRÜGER, Ralf** [DE/US]; 7085 Westgate Drive, Beaumont, Tx 77706 (US). **HARRISON, David, B.** [GB/DE]; Heymannstrasse 38, D–51373 Leverkusen (DE).

(74) **BAYER AKTIENGESELLSCHAFT**; D–51368 Leverkusen (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 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; 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 5/3492, 5/544**

(11) **WO 00/18833** (13) A1

(21) PCT/EP99/07092

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) MI98A002065 **25 Sep/sep 1998 (25.09.1998)** IT

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SYNERGISTIC STABILIZING MIXTURES
• MELANGES STABILISANTS SYNERGIQUES

(71) **GREAT LAKES CHEMICAL (EUROPE) GMBH** [CH/CH]; Juchstrasse 45, CH–8500 Frauenfeld (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COSTANZI, Silvestro** [IT/IT]; Via Cavour, 14, I–20090 Lodi Vecchio (IT). **NERI, Carlo** [IT/IT]; Via Europa, 32, I–20097 San Donato Milanese (IT).

(74) **FRANCK, Peter** et al. / etc.; Uexküll & Stolberg, Beselerstrasse 4, D–22607 Hamburg (DE).

(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[6] **C08K 5/51**

(11) **WO 00/18834** (13) A1

(21) PCT/US99/22344

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/163,589 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FOUNDRY BINDERS CONTAINING MODIFIED POLYISOCYANATES
• LIANTS DE FONDERIE CONTENANT DES POLYISOCYANATES MODIFIES

(71) **ASHLAND INC.** [US/US]; P.O. Box 2219, Columbus, OH 43216 (US).

(72) **SKOGLUND, Michael, Jeffrey**; 5728 Tara Hill Drive, Dublin, OH 43017 (US). **UNGERER, Jeffrey, D.**; 1928 Slaton Court, Columbus, OH 43235 (US).

(74) **HEDDEN, David, L.**; Ashland Inc., P.O. Box 2219, Columbus, OH 43216 (US) et al. / etc.

(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 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; 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 : *(c)*

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(51)[7] **C08L 3/08, 3/18, C09D 103/08, C08L 3/10, C09D 103/10, A61K 9/48, 9/50**

(11) **WO 00/18835** (13) A1

(21) PCT/US99/18139

(22) **11 Aug/août 1999 (11.08.1999)**

(25) en (26) en

(30) 98/12246 **30 Sep/sep 1998 (30.09.1998)** FR

(30) 09/240,504 **29 Jan/jan 1999 (29.01.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MODIFIED STARCH FILM COMPOSITIONS
• COMPOSITIONS DE FILM D'AMIDON MODIFIE

(71) **WARNER–LAMBERT COMPANY** [US/US]; 201 Tabor Roid, Morris Plains, NJ 07950 (US).

(72) **SCOTT, Robert, Anthony**; Koninin Elisabethplein 26, Bus 4, B–9100 Sint–Niklaas (BE). **CADE, Dominique**; 11, rue du Jura, F–68280 Andolsheim (FR). **HE, Xiongwei**; 3, rue du Jura, F–68280 Andolsheim (FR).

(74) **RYAN, M., Andrea**; Warner–Lambert Company, 201 Tabor Road, Morris Plains, NJ 07950 (US) et al. / etc.

(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 MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA UZ VN YU ZA; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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)[6] **C08L 23/00, B32B 27/32 // (C08L 23/00, 9:00) (C08L 23/00, 23:16)**

(11) **WO 00/18836** (13) A1

(21) PCT/JP99/05392

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) ja (26) ja

(30) 10/294499 **30 Sep/sep 1998 (30.09.1998)** JP

(30) 10/279201 **30 Sep/sep 1998 (30.09.1998)** JP

(30) 10/279203 **30 Sep/sep 1998 (30.09.1998)** JP

(30) 10/279205 **30 Sep/sep 1998 (30.09.1998)** JP

(30) 10/279208 **30 Sep/sep 1998 (30.09.1998)** JP

(30) 10/279214 **30 Sep/sep 1998 (30.09.1998)** JP

(30) 10/279218 **30 Sep/sep 1998 (30.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • POLYOLEFIN RESIN COMPOSITION, LAMINATE CONTAINING THE SAME, PROCESS FOR PRODUCING THE SAME, AND APPLICATION PRODUCTS
• COMPOSITION DE RESINE POLYOLEFINIQUE, STRATIFIE LA RENFERMANT, SON PROCEDE DE FABRICATION ET PRODUITS D'APPLICATION

(71) **JAPAN POLYOLEFINS CO., LTD.** [JP/JP]; 26–5, Toranomon 1–chome, Minato–ku, Tokyo 105–0001 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARAKI, Takumi** [JP/JP]; Japan Polyolefins Co., Ltd., Technical Headquarters, Research & Development Center, 3–2, Yako 2–chome, Kawasaki–ku, Kawasaki–shi, Kanagawa 210–8548 (JP). **MIYACHI, Osamu** [JP/JP]; Japan Polyolefins Co., Ltd., Technical Headquarters, Research & Development Center, 3–2, Yako 2–chome, Kawasaki–ku, Kawasaki–shi, Kanagawa 210–8548 (JP). **YOKOYAMA, Kuniaki** [JP/JP]; Japan Polyolefins Co., Ltd., Technical Headquarters, Research & Development Center, 3–2, Yako 2–chome, Kawasaki–ku, Kawasaki–shi, Kanagawa 210–8548 (JP). **TAKA, Toshio** [JP/JP]; Japan Polyolefins Co., Ltd., Technical Headquarters, Research & Development Center, 3–2, Yako 2–chome, Kawasaki–ku, Kawasaki–shi, Kanagawa 210–8548 (JP).

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

(81) CN KR US; 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 25/02, C08K 5/521 // (C08L 25/02, 25:02, 25:02)**

(11) **WO 00/18837** (13) A1

(21) PCT/GB99/03079

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) 98/12406 **29 Sep/sep 1998 (29.09.1998)** FR

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FIRE–RETARDING THERMOPLASTIC COMPOSITION OF VINYLACROMATIC POLYMER
• COMPOSITION THERMOPLASTIQUE IGNIFUGEANTE A BASE DE POLYMERE VINYL–AROMATIQUE

(71) **BP CHEMICALS LIMITED** [GB/GB]; Britannic House, 1 Finsbury Circus, London EC2M 7BA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COURONNE, Claire** [FR/FR]; Appartement 102, 7, rue de Courmont, F–59000 Lille (FR). **DEXARCIS, Frantz, Michel** [FR/FR]; 33, avenue des Esperelles, F–13500 Martigues (FR). **BOIDEAU, Jean–François** [FR/FR]; 6, rue Esquerchin, F–62490 Quiery–la–Motte (FR).

(74) **PREECE, Michael**; BP International Limited, Patents & Agreements, Chertsey Road, Sunbury–on–Thames, Middlesex TW16 7LN (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 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; 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] **C08L 29/04, C08K 3/22, C08F 8/12**

(11) **WO 00/18838** (13) A1

(21) PCT/JP99/05188

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) ja (26) ja

(30) 10/290012 **28 Sep/sep 1998** JP **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS FOR PRODUCING VINYL ALCOHOL POLYMER COMPOSITION
• PROCEDE PERMETTANT DE PRODUIRE UNE COMPOSITION DE POLYMERE D'ALCOOL VINYLIQUE

(71) **KURARAY CO., LTD.** [JP/JP]; 1621, Sakazu, Kurashiki–shi, Okayama 710–8622 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHUJO, Yoshiki** [JP/JP]; 2, Kitashirakawa–Nishitsutacho, Sakyo–ku, Kyoto–shi, Kyoto 606–8261 (JP). **TAMAKI, Ryo** [JP/JP]; 426–1, Ahacha, Urasoe–shi, Okinawa 901–2114 (JP). **ITOH, Kanenori** [JP/JP]; Kuraray Co., Ltd., 2045–1, Sakazu, Kurashiki–shi, Okayama 710–0801 (JP). **KOMIYA, Yukiatsu** [JP/JP]; Kuraray Co., Ltd., 2045–1, Sakazu, Kurashiki–shi, Okayama 710–0801 (JP).

(81) AU CN KR SG US; 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 33/04, 51/00**

(11) **WO 00/18839** (13) A1

(21) PCT/US99/22365

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/162,679 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ACRYLONITRILE / STYRENE / ACRYLIC/FILLER COMPOSITIONS AND METHODS FOR MAKING SAME
• COMPOSITIONS DE CHARGE ACRYLONITRILE –STYRENE– ACRYLIQUE ET LEURS PROCEDES DE PRODUCTION

(71) **HUGHES PROCESSING, INC.** [US/US]; Unit A2, 711 West 17th Street, Costa Mesa, CA 92627 (US).

(72) **HUGHES, Roderick, E.**; 2015 Yacht Mischief, Newport Beach, CA 92660 (US).

(74) **UXA, Frank, J.** et al. / etc.; Stout, Uxa, Buyan & Mullins, LLP, 4 Venture #300, Irvine, CA 92618 (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 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; 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)[6] **C08L 45/00, 25/00, 57/02, 65/00, 67/00, G03G 9/087**

(11) **WO 00/18840** (13) A1

(21) PCT/JP99/05281

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) ja (26) ja

(30) 10/274520 **29 Sep/sep 1998** JP **(29.09.1998)**

(30) 11/186672 **30 Jun/juin 1999** JP **(30.06.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • RESIN COMPOSITION, BINDER RESIN FOR TONER AND TONER
• COMPOSITION A BASE DE RESINE, RESINE LIANTE POUR POUDRE A IMPRIMER ET POUDRE A IMPRIMER

(71) **IDEMITSU KOSAN CO., LTD.** [JP/JP]; 1–1, Marunouchi 3–chome, Chiyoda–ku, Tokyo 100–0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HIKOSAKA, Takaaki** [JP/JP]; 1280, Kamiizumi, Sodegaura–shi, Chiba 299–0293 (JP). **TAMURA, Hiroyuki** [JP/JP]; 1280, Kamiizumi, Sodegaura–shi, Chiba 299–0293 (JP). **SHIKUMA, Haruo** [JP/JP]; 1280, Kamiizumi, Sodegaura–shi, Chiba 299–0293 (JP). **MATONO, Kouichi** [JP/JP]; 1280, Kamiizumi, Sodegaura–shi, Chiba 299–0293 (JP).

(74) **TOHEI, Masamichi**; Idemitsu Kosan Co., Ltd., 24–4, Anesakikaigan, Ichihara–shi, Chiba 299–0107 (JP).

(81) JP US; 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 51/04, 55/02, 25/00**

(11) **WO 00/18841** (13) A1

(21) PCT/EP99/06883

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) de (26) de

(30) 198 44 496.6 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ANTISTATIC FINISHED THERMOPLASTIC MOLDING MATERIALS WITH IMPROVED PROPERTIES
• MATIERES MOULABLES THERMOPLASTIQUES ANTISTATIQUES A PROPRIETES AMELIOREES

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

(72, 75) **EICHENAUER, Herbert** [DE/DE]; Gustav–Heinemann–Strasse 3, D–41539 Dormagen (DE).

(74) **BAYER AKTIENGESELLSCHAFT**; D–51368 Leverkusen (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 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; 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)[6] **C08L 67/00, B65D 1/00, C08J 5/00, B29B 11/06, B29C 49/02 // (C08L 67/00, 33:08), B29L 22:00, B29K 67:00**

(11) **WO 00/18842** (13) A1

(21) PCT/JP99/04937

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) ja (26) ja

(30) 10/278624 **30 Sep/sep 1998** JP **(30.09.1998)**

(30) 11/223893 **6 Aug/août 1999** JP **(06.08.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • POLYESTER RESIN COMPOSITION AND HOLLOW MOLDED CONTAINER MADE THEREFROM
• COMPOSITION DE RESINE DE POLYESTER ET RECIPIENT CREUX MOULE FABRIQUE AVEC CETTE COMPOSITION

(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) **NAKAMACHI, Koji** [JP/JP]; Mitsui Chemicals, Inc., 1–2, Waki 6–chome, Waki–cho, Kuga–gun, Yamaguchi 740–0061 (JP). **NIIMI, Hiroji** [JP/JP]; Mitsui Chemicals, Inc., 1–2, Waki 6–chome, Waki–cho, Kuga–gun, Yamaguchi 740–0061 (JP). **MASUMOTO, Mitsuaki** [JP/JP]; Mitsui Chemicals, Inc., 1–2, Waki 6–chome, Waki–cho, Kuga–gun, Yamaguchi 740–0061 (JP).

(74) **SUZUKI, Shunichiro**; Suzuki & Associates, Gotanda Yamazaki Building 6F, 13–6, Nishigotanda 7–chome, Shinagawa–ku, Tokyo 141–0031 (JP).

(81) KR US; EP (ES FR IT).

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(51)[7] **C08L 67/02, 67/00, C08G 69/44**

(11) **WO 00/18843** (13) A2

(21) PCT/US99/17662

(22) **3 Aug/août 1999 (03.08.1999)**

(25) en (26) en

(30) 09/160,676 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AMIDE MODIFIED POLYESTERS
• POLYESTERS MODIFIES A L'AMIDE

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **LOHMEIJER, Johannes, Hubertus, G.**; Lorentzstraat 3, NL–4631 HC Hoogerheide (NL). **FABER, Reimo**; Scandiviestraat, NL–4614 JR (NL). **HOOGLAND, Gabrie**; Grote Markt 16A, NL–4611 NS Bergen op Zoom (NL). **SERRANO, Peter**; Van Doesburgerf 37, Dordrecht (NL). **DE WIT, Gerrit (Gert)**; Binnenweg 23, NL–4641 RX Ossendrecht (NL). **CHISOLM, Bret, J., A.**; 4 Oakleaf Drive, Clifton Park, NY 12065 (US).

(74) **WINTER, Catherine, J.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) JP SG; 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, C08K 5/51**

(11) **WO 00/18844** (13) A1

(21) PCT/US99/17196

(22) **29 Jul/juil 1999 (29.07.1999)**

(25) en (26) en

(30) 09/162,567 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • POLYCARBONATE RESIN/GRAFT COPOLYMER BLENDS
• MELANGES DE RESINE DE POLYCARBONATE/COPOLYMERE GREFFE

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **CATSMAN, Peter**; Duvenee 2g, NL–4617 NA Bergen op Zoom (NL). **GOVAERTS, Luc, Carlos**; Louis Domsstraat 21, B–2320 Hoogstraten (BE). **LUCAS, Richard**; Zilverplevier 1g, NL–4617 KR Bergen op Zoom (NL).

(74) **WINTER, Catherine, J.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) CN JP KR MX SG; 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] **C09D 4/06, C08F 290/14, C09D 4/00, C08F 220/12, 222/10, B29C 37/00, 70/08**

(11) **WO 00/18845** (13) A1

(21) PCT/US99/22596

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,452 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • UV CURABLE GEL COATS
• ENDUITS GELIFIES DURCISSABLES AUX UV

(71) **REICHHOLD, INC.** [US/US]; 2400 Ellis Road, Durham, NC 27703 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ADAMS, Robert, Mark** [US/US]; 103 Hillsdale Court, Cary, NC 27511 (US). **CREMASCHI, Jorge, A.** [US/US]; 101 Appomattox Road, Cary, NC 27513 (US). **PHAN, Xuan, Thanh** [US/US]; 2509 Sunnystone Way, Raleigh, NC 27613 (US). **RIGGS, Gary, A.** [US/US]; 1008 Barrasesett Court, Wake Forest, NC 27587 (US).

(74) **SMITH, Robert, J.** et al. / etc.; Myers, Bigel, Sibley, & Sajovec, P.A., P.O. Box 37428, Raleigh, NC 27627 (US).

(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 EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; 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] **C09D 11/00, C09B 67/00, C08J 3/215, D06P 1/44**

(11) **WO 00/18846** (13) A1

(21) PCT/EP99/07229

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) de (26) de

(30) 198 45 078.8 **30 Sep/sep 1998 (30.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • POLYMER PARTICLES CONTAINING DYE
• PARTICULES POLYMERES CONTENANT DES COLORANTS

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

(72, 75) **AUWETER, Helmut** [DE/DE]; Lessingstrasse 35, D–67117 Limburgerhof (DE). **BOHN, Heribert** [DE/DE]; Jakob–Ries–Strasse 10, D–67319 Wattenheim (DE). **HEGER, Robert** [DE/DE]; Liegnitzerstrasse 3, D–69124 Heidelberg (DE). **SCHLÖSSER, Ulrike** [DE/DE]; Am Bürgergarten 32, D–67433 Neustadt (DE). **SIEMENSMEYER, Karl** [DE/DE]; Erich–Heckel–Strasse 1, D–67227 Frankenthal (DE).

(74) **KINZEBACH, Werner** et al. / etc.; Ludwigsplatz 4, D–67059 Ludwigshafen (DE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[6] **C09D 183/04, 5/25, H01L 21/312, H05K 3/46**

(11) **WO 00/18847** (13) A1

(21) PCT/JP99/04051

(22) **28 Jul/juil 1999 (28.07.1999)**

(25) ja (26) ja

(30) 10/271157 **25 Sep/sep 1998 (25.09.1998)** JP

(30) 11/96366 **2 Apr/avr 1999 (02.04.1999)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • COATING FLUID FOR FORMING LOW–PERMITTIVITY SILICA–BASED COATING FILM AND SUBSTRATE WITH LOW–PERMITTIVITY COATING FILM
• FLUIDE DE REVETEMENT PERMETTANT DE FORMER UNE PELLICULE PROTECTRICE A BASE DE SILICE DOTEE D'UNE FAIBLE PERMITTIVITE ET SUBSTRAT RECOUVERT D'UNE PELLICULE PROTECTRICE DE FAIBLE PERMITTIVITE

(71) **CATALYSTS & CHEMICALS INDUSTRIES CO., LTD.** [JP/JP]; 580, Horikawa–cho, Saiwai–ku, Kawasaki–shi, Kanagawa 210–0913 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOMATSU, Michio** [JP/JP]; Wakamatsu Plant, Catalysts & Chemicals Industries Co., Ltd., 13–2, Kitaminato–machi, Wakamatsu–ku, Kitakyushu–shi, Fukuoka 808–0027 (JP). **NAKASHIMA, Akira** [JP/JP]; Wakamatsu Plant, Catalysts & Chemicals Industries Co., Ltd., 13–2, Kitaminato–machi, Wakamatsu–ku, Kitakyushu–shi, Fukuoka 808–0027 (JP). **EGAMI, Miki** [JP/JP]; Wakamatsu Plant, Catalysts & Chemicals Industries Co., Ltd., 13–2, Kitaminato–machi, Wakamatsu–ku, Kitakyushu–shi, Fukuoka 808–0027 (JP).

(74) **SUZUKI, Shunichiro**; Suzuki & Associates, Gotanda Yamazaki Building 6F, 13–6, Nishigotanda 7–chome, Shinagawa–ku, Tokyo 141–0031 (JP).

(81) JP KR US; EP (DE GB NL).

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(51)[6] **C09J 7/02, B32B 5/18**

(11) **WO 00/18848** (13) A1

(21) PCT/JP99/05347

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) ja (26) ja

(30) 10/278952 **30 Sep/sep 1998 (30.09.1998)** JP

(30) 11/255098 **9 Sep/sep 1999 (09.09.1999)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PRESSURE–SENSITIVE ADHESIVE SHEET EXFOLIATIVE WITH HEAT
• FEUILLE ADHESIVE SENSIBLE A LA PRESSION SE DETACHANT PAR LA CHALEUR

(71) **NITTO DENKO CORPORATION** [JP/JP]; 1–2, Shimohozumi 1–chome, Ibaraki–shi, Osaka 567–0041 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIUCHI, Kazuyuki** [JP/JP]; Nitto Denko Corporation, 1–2, Shimohozumi 1–chome, Ibaraki–shi, Osaka 567–0041 (JP). **OSHIMA, Toshiyuki** [JP/JP]; Nitto Denko Corporation, 1–2, Shimohozumi 1–chome, Ibaraki–shi, Osaka 567–0041 (JP). **MURATA, Akihisa** [JP/JP]; Nitto Denko Corporation, 1–2, Shimohozumi 1–chome, Ibaraki–shi, Osaka 567–0041 (JP). **ARIMITSU, Yukio** [JP/JP]; Nitto Denko Corporation, 1–2, Shimohozumi 1–chome, Ibaraki–shi, Osaka 567–0041 (JP).

(74) **HAGINO, Taira** et al. / etc.; Eikoh Patent Office, ARK Mori Building, 28th floor, 12–32, Akasaka 1–chome, Minato–ku, Tokyo 107–6028 (JP).

(81) KR SG US; 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) **WO 00/18849** (13) A2

(21) PCT/US99/22150

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/102,280 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FLUORINATED AEROSOL LUBRICATING COMPOSITIONS
• COMPOSITIONS LUBRIFIANTES FLUOREES EN AEROSOL

(71) **LOCTITE CORPORATION** [US/US]; 1001 Trout Brook Crossing, Rocky Hill, CT 06067 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **ADAMS, Sandra, C.** [US/US]; Loctite Corporation, 2K Robinson Road, Rocky Hill, CT 06067 (US).

(72, 75) **BURDZY, Matthew, P.** [US/US]; 67 Morgan Farms Drive, South Windsor, CT 06074 (US).

(74) **BAUMAN, Steven, C.**; Loctite Corporation, 1001 Trout Brook Crossing, Rocky Hill, CT 06067 (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 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; 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)[6] **C09K 3/00, G01N 21/76, C08F 26/08**

(11) **WO 00/18850** (13) A1

(21) PCT/US99/19345

(22) **24 Aug/août 1999 (24.08.1999)**

(25) en (26) en

(30) 09/164,045 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CATIONIC CHEMILUMINESCENT MONOMERS AND POLYMERS
• MONOMERES ET POLYMERES CATIONIQUES CHIMILUMINESCENTS

(71) **NALCO CHEMICAL COMPANY** [US/US]; One Nalco Center, Naperville, IL 60563–1198 (US).

(72) **MURRAY, Patrick, G.**; 306 B East Orange Street, Yorkville, IL 60560 (US). **SPROUL, Don**; 2312 E. Coreopisis Way, Tucson, AZ 85737 (US). **TSENG, Amy, M.**; 2013 Wheeler Street, Woodridge, IL 60517 (US).

(74) **KEEFER, Timothy, J.**; Ladas & Parry, 224 S. Michigan Avenue, Chicago, IL 60604 (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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **C09K 11/06, H05B 33/14, C07D 231/00**

(11) **WO 00/18851** (13) A1

(21) PCT/GB99/03201

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 9820805.1 **25 Sep/sep 1998** GB **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DIVALENT LANTHANIDE METAL COMPLEXES
• COMPLEXES DIVALENTS DE METAL DU GROUPE DES LANTHANIDES

(71) **ISIS INNOVATION LIMITED** [GB/GB]; 2 South Parks Road, Oxford OX1 3UB (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHRISTOU, Victor** [GB/GB]; The University of Oxford, Inorganic Chemistry Laboratory, South Parks Road, Oxford OX1 3QR (GB). **SALATA, Oleg Victorovitch** [RU/GB]; The University of Oxford, Department of Engineering Science, Parks Road, Oxford OX1 3PJ (GB). **SHIPLEY, Christopher** [GB/GB]; Manor Farm, Thornholme, Driffield, East Yorkshire YO25 0NN (GB).

(74) **WILKINSON, Stephen, John**; Stevens, Hewlett & Perkins, 1 St. Augustine's Place, Bristol BS1 4UD (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; 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)[6] **C10G 1/10, C08J 11/10**

(11) **WO 00/18852** (13) A1

(21) PCT/CN98/00202

(22) **24 Sep/sep 1998 (24.09.1998)**

(25) zh (26) zh

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS AND APPARATUS FOR PRODUCING HYDROCARBONS FROM CITY GARBAGE AND/OR ORGANIC WASTE MATERIAL
• PROCEDE ET APPAREIL DE PRODUCTION D'HYDROCARBURES A PARTIR DE DECHETS URBAINS ET/OU DE DECHETS ORGANIQUES

(71, 72) **XING, Li** [CN/CN]; Beijing Likun Chemical Factory, Zucun, Fangshan District, Beijing 102403 (CN).

(74) **CHINA SINDA INTELLECTUAL PROPERTY LIMITED**; China Garment Mansion, Suite 1300, No. 99 Jianguo Road, Chaoyang District, Beijing 100020 (CN).

(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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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 11/05, B01J 29/06, C07C 4/06**

(11) **WO 00/18853** (13) A1

(21) PCT/US99/22460

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/161,845 **28 Sep/sep 1998** US **(28.09.1998)**

(30) 09/405,582 **27 Sep/sep 1999** US **(27.09.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS FOR MANUFACTURING OLEFINS USING A PENTASIL ZEOLITE BASED CATALYST

• PROCESSUS DE PRODUCTION D'OLEFINES UTILISANT UN CATALYSEUR A BASE DE ZEOLITE PENTASILE

(71) **BP AMOCO CORPORATION** [US/US]; Law Dept., Mail Code 1907A, 200 E. Randolph Drive, P.O. Box 87703, Chicago, IL 60680–0703 (US).

(72) **FROMENT, Gilbert, Fernand, Alphonse**; Ruitersdreef 4, B–9831 Deurle–St. Martens Latem (BE). **DEHERTOG, Wilfried, Jozef, Hippolyte**; Hulststraat 63, B–3080 Tervuren (BE). **KAMINSKY, Mark, P.**; 344 Summit Drive, Winfield, IL 60190 (US).

(74) **YESUKEVICH, Robert, A.**; BP Amoco Corporation, Law Dept., Mail Code 1907A, P.O. Box 87703, Chicago, IL 60680–0703 (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; 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 45/22, 47/00**

(11) **WO 00/18854** (13) A1

(21) PCT/CA99/00914

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 2,249,051 **29 Sep/sep 1998 (29.09.1998)** CA

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS FOR TREATING CRUDE OIL USING HYDROGEN IN A SPECIAL UNIT
• PROCEDE PERMETTANT DE TRAITER DU PETROLE BRUT A L'AIDE D'HYDROGENE DANS UNE UNITE SPECIALE

(71) **CANADIAN ENVIRONMENTAL EQUIPMENT & ENGINEERING TECHNOLOGIES, INC.** [CA/CA]; 3544 78th Avenue, Edmonton, Alberta T6B 2X9 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SATCHWELL, Robert** [US/CA]; 54 Highland Way, Sherwood Park, Alberta T8A 5E8 (CA). **LOURENCO, Jose** [CA/CA]; 367 Lessard Drive, Edmonton, Alberta T6M 1E5 (CA). **COCHRANE, Patrick, J.** [CA/CA]; 36 Fountain Creek Drive, Sherwood Park, Alberta T8B 1C9 (CA). **FACEY, Roderick, M.** [CA/CA]; 23 – 3811 85th Street, Edmonton, Alberta T6K 4C7 (CA). **SALOKANGAS, Hannu** [CA/CA]; 14 Westbrook Drive, Edmonton, Alberta T6J 2C9 (CA). **RODRIGUES, Joao** [CA/CA]; 45 – 2419 – 133 Avenue, Edmonton, Alberta T5A 5A5 (CA). **BANNARD, Kenneth** [CA/CA]; 4912 Beckett Road, Drayton Valley, Alberta T0E 0M0 (CA).

(74) **WOODLEY, John, H.**; Sim & McBurney, 6th floor, 330 University Avenue, Toronto, Ontario M5G 1R7 (CA).

(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 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; 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)[6] **C10L 11/06**

(11) **WO 00/18855** (13) A1

(21) PCT/US99/22440

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/162,178 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FIRESTARTER AND METHOD OF MAKING SAME
• ALLUME–FEU ET PROCEDE DE FABRICATION CORRESPONDANT

(71) **RED–D–LITE, INC.** [US/US]; 12830 Cardinal Crest Drive, Brookfield, WI 53005 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TOY, Daniel** [US/US]; 12830 Cardinal Crest Drive, Brookfield, WI 53005 (US).

(74) **STOMMA, Peter, C.**; Jansson, Shupe, Bridge & Munger, Ltd., Main Place, 245 Main Street, Racine, WI 53404 (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 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; 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] **C11D 1/37, 17/06, 17/00**

(11) **WO 00/18856** (13) A1

(21) PCT/US99/21843

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) en (26) en

(30) PCT/US98/20221 **25 Sep/sep 1998 (25.09.1998)** US

(30) 60/140,145 **21 Jun/juin 1999 (21.06.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DETERGENT GRANULES
• GRANULES DETERGENTS

(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) **TATSUNO, Teruaki** [JP/JP]; 8–18–207, Higashi, Terauchicho, Toyonaka, Osaka 580–0871 (JP). **HARTSHORN, Richard, Timothy** [GB/GB]; 139 Dene Road, Wylam, Northumberland NE41 8EY (GB). **NORWOOD, Kevin** [US/US]; 311 Hilltop Lane, Cincinnati, OH 45217 (US). **MORT, Paul, R., III** [US/US]; 510 Compton Road, Cincinnati, OH 45215 (US). **BOHLEN, David, Scott** [US/US]; 9420 Hadley Drive, West Chester, OH 45069–4052 (US). **GABRIEL, Steven, Matthew** [US/US]; 9432 Hunters Creek Drive, Cincinnati, OH 45242 (US). **KATSUDA, Rinko** [JP/JP]; Kobe Park City C507, 6–2–1, Minatojima Nakamachi, Chuo–ku, Hyogo, Kobe 650 (JP). **HIDALGO, Noe, Ongcoy** [PH/JP]; 1016 East Court, 5–141, Koyocho–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 KR (Utility model / modèle d'utilité) 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; 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] **C11D 1/72, 1/722, 1/29, C08G 65/28, C07C 41/03, 43/11, B01F 17/42**

(11) **WO 00/18857** (13) A1

(21) PCT/JP99/05305

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) ja (26) ja

(30) 10/274563 **29 Sep/sep 1998 (29.09.1998)** JP

(30) 11/120300 **27 Apr/avr 1999 (27.04.1999)** JP

(30) 11/146489 **26 May/mai 1999 (26.05.1999)** JP

(30) 11/254772 **8 Sep/sep 1999 (08.09.1999)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SURFACTANT, PROCESS FOR PRODUCING THE SAME, AND DETERGENT COMPOSITION
• TENSIO–ACTIF, SON PROCEDE DE PRODUCTION ET DETERGENT

(71) **SANYO CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 11–1, Ikkyo Nomotocho, Higashiyama–ku, Kyoto–shi, Kyoto 605–0995 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMASHITA, Seiji** [JP/JP]; Sanyo Chemical Industries, Ltd., 11–1, Ikkyo Nomotocho, Higashiyama–ku, Kyoto–shi, Kyoto 605–0995 (JP). **MATSUOKA, Masahiro** [JP/JP]; Sanyo Chemical Industries, Ltd., 11–1, Ikkyo Nomotocho, Higashiyama–ku, Kyoto–shi, Kyoto 605–0995 (JP). **NAGAI, Kunio** [JP/JP]; Sanyo Chemical Industries, Ltd., 11–1, Ikkyo Nomotocho, Higashiyama–ku, Kyoto–shi, Kyoto 605–0995 (JP). **OOTA, Atsushi** [JP/JP]; Sanyo Chemical Industries, Ltd., 11–1, Ikkyo Nomotocho, Higashiyama–ku, Kyoto–shi, Kyoto 605–0995 (JP).

(74) **YASUTOMI, Yasuo** et al. / etc.; Recruit Shin Osaka Building 4F, 14–22, Nishinakajima 5–chome, Yodogawa–ku, Osaka–shi, Osaka 532–0011 (JP).

(81) CN IN KR US; 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] **C11D 3/08, 3/06, 3/28, 3/30**

(11) **WO 00/18858** (13) A1

(21) PCT/GB99/02969

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 9820863.0 **25 Sep/sep 1998 (25.09.1998)** GB

(30) 9909724.8 **28 Apr/avr 1999 (28.04.1999)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CLEANING COMPOSITIONS FOR MEDICAL INSTRUMENTS
• COMPOSITIONS DE NETTOYAGE POUR INSTRUMENTS MEDICAUX

(71) **MACGREGOR, Keith, Martin** [GB/GB]; P.O. Box 2, Ilkley, West Yorkshire LS29 9YB (GB). **OPTIDENT LIMITED** [GB/GB]; Butterfield Dental Centre, Acorn Business Park, Keighley Road, Skipton, North Yorkshire BD23 2UE (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GIBBS, Anthony, Marston** [GB/GB]; 18 Grange Close, Ludham, Great Yarmouth, Norfolk NR29 5PZ (GB).

(74) **NEILL, Alastair, William** et al. / etc.; Appleyard Lees, 15 Clare Road, Halifax HX1 2HY (GB).

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

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(51)[6] **C11D 3/12, 3/39**

(11) **WO 00/18859** (13) A1

(21) PCT/US98/20222

(22) **25 Sep/sep 1998 (25.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SOLID DETERGENT COMPOSITIONS
• COMPOSITIONS DETERGENTES SOLIDES

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
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(72, 75) **HARTSHORN, Richard, Timothy** [GB/GB]; 139 Dene Road, Wylam, Northumberland NE41 8EY (GB). **ALAM, Zayeed** [GB/GB]; 39 Huntingdon Close, Kingston Park, Newcastle upon Tyne NE3 2XY (GB). **CANCEIL, Sylvestre** [FR/GB]; 12 Oakfield Drive, Killingworth, Newcastle upon Tyne NE12 0YY (GB). **BROOKER, Alan, Thomas** [GB/GB]; 41 Polwarth Drive, Gosforth, Newcastle upon Tyne NE3 5NE (GB). **NORWOOD, Kevin** [US/US]; 311 Hilltop Lane, Cincinnati, OH 45217 (US). **BOHLEN, David, Scott** [US/US]; 9420 Hadley 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) 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 EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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] **C11D 3/22, 3/10, 3/20, D06M 15/07, 15/05**

(11) **WO 00/18860** (13) A1

(21) PCT/EP99/07422

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 9821214.5 **30 Sep/sep 1998 (30.09.1998)** GB

(30) 98/12681 **9 Oct/oct 1998 (09.10.1998)** FR

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TREATMENT FOR FABRICS
• TRAITEMENT POUR TEXTILES

(71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
(only for / seulement pour AE AU BB 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 AU BB 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, 400 020 Mumbai, Maharashtra (IN).
(only for / seulement pour IN)

(72) **CHANZY, Henri**; 37, rue Doyen Gosse, F–38700 La Tronche (FR). **CLARK, Judith, Mary**; Room 141, Nurses Home 2, Nottingham City Hospital, NHS Trust Residences Dept, P.O. Box 5710, Nottingham, Nottinghamshire NG5 1PS (GB). **DAVID, Claire**; 44, rue de Preney, F–37540 Saint Cyr sur Loire (FR). **FLEURY, Etienne**; 26, rue Taillepied, F–69540 Irigny (FR). **HOPKINSON, Andrew**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **JONES, Christopher, Clarkson**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **JOUBERT, Daniel**; 26, Hameau du Bois du Ludde, F–60500 Vineuil Saint Firmin (FR). **LANCELON–PIN, Christine**; 15, rue de Sisteron, F–38170 Seyssinet (FR). **WARR, Jonathan, Frank**; Lever Brothers Limited, 3 St. James's Road, Kingston–upon–Thames, Surrey KT1 2BA (GB).

(74) **FRANSELLA, Mary, Evelyn**; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (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 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; 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] **C11D 3/22, D06M 15/03, 15/05, A61K 7/06, 7/16, 7/48**

(11) **WO 00/18861** (13) A1

(21) PCT/EP99/07423

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 9821217.8 **30 Sep/sep 1998 (30.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TREATMENT FOR SUBSTRATES
• TRAITEMENT POUR SUBSTRATS

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

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

(71) **HINDUSTAN LEVER LIMITED** [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Mumbai 400 020, Maharashtra (IN).
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(72) **CLARK, Judith, Mary**; Nottingham City Hospital, NHS Trust Residences Dept., Room 141, Nurses Home 2, P.O. Box 5710, Nottingham, Nottinghamshire NG5 1PS (GB). **HOPKINSON, Andrew**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **JONES, Christopher, Clarkson**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **KHOSHDEL, Ezat**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB).

(74) **FRANSELLA, Mary, Evelyn**; Unilever plc, Patent Dept., Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (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 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; 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] **C11D 3/22, D06M 15/03, 15/05**

(11) **WO 00/18862** (13) A1

(21) PCT/EP99/07424

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 9821218.6 **30 Sep/sep 1998 (30.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TREATMENT FOR FABRICS
• TRAITEMENT DE TISSUS

(71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
(only for / seulement pour AE AU BB CA CY GB GD GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT 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 AU BB CA CY GB GD GH GM IE IL IN KE LC LK LS MN MW NZ SD SG SL SZ TT UG 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) **BIJSTERBOSCH, Henri**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **COOKE, Deborah**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **JONES, Neil**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **KHOSHDEL, Ezat**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB).

(74) **FRANSELLA, Mary, Evelyn**; Unilever PLC, Patent Dept., Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (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 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; 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] **C11D 3/37, 3/42**

(11) **WO 00/18863** (13) A1

(21) PCT/EP99/07421

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 9821210.3 **30 Sep/sep 1998 (30.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • POLYMER COMPOUNDS AND COMPOSITIONS COMPRISING THEM
• COMPOSES POLYMERES ET COMPOSITIONS A BASE DE CEUX–CI

(71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
(only for / seulement pour AE AU BB CA CY GB GD GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT 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 AU BB CA CY GB GD GH GM IE IL IN KE LC LK LS MN MW NZ SD SG SL SZ TT UG 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) **WILKES, Ian, Paul**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB).

(74) **FRANSELLA, Mary, Evelyn**; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (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 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; 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 : *(c)*

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(51)[7] **C11D 3/386, C12N 9/42, C11D 3/37**

(11) **WO 00/18864** (13) A1

(21) PCT/US99/10853

(22) **17 May/mai 1999 (17.05.1999)**

(25) en (26) en

(30) PCT/US98/20491 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LAUNDRY DETERGENT AND/OR FABRIC CARE COMPOSITIONS COMPRISING A CHEMICAL ENTITY WHICH CONTAINS A DEPOSITION AID WITH A HIGH AFFINITY FOR CELLULOSE, A SURFACTANT AND A PROTEASE
• COMPOSITIONS DE DETERGENTS A LESSIVE ET/OU DE SOIN DES TISSUS, COMPRENANT UNE ENTITE CHIMIQUE QUI CONTIENT UN ADJUVANT DE DEPOT AYANT UNE FORTE AFFINITE POUR LA CELLULOSE, UN TENSIOACTIF ET UNE PROTEASE

(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) **BAECK, Andre, Cesar** [BE/BE]; Putsesteenweg 273, B–2820 Bonheiden (BE). **SMETS, Johan** [BE/BE]; Bollenberg 79, B–3210 Lubbeek (BE). **BUSCH, Alfred** [DE/BE]; Handelsstraat 210, B–1840 Londerzeel (BE). **BOYER, Stanton, Lane** [US/US]; 12 Fall River Court, Fairfield, OH 45014 (US).

(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 CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) 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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **C11D 3/386, C12N 9/42, C11D 3/37**

(11) **WO 00/18865** (13) A1

(21) PCT/US99/10854

(22) **17 May/mai 1999 (17.05.1999)**

(25) en (26) en

(30) PCT/US98/20491 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LAUNDRY DETERGENT AND/OR FABRIC CARE COMPOSITIONS COMPRISING A CHEMICAL ENTITY, WHICH CONTAINS A DEPOSITION AID, AND A POLYMER
• COMPOSITIONS DE DETERGENTS A LESSIVE ET/OU DE SOIN DES TISSUS, COMPRENANT UNE ENTITE CHIMIQUE QUI CONTIENT UN AUXILIAIRE DE DEPOT, ET UN POLYMERE

(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) **BUSCH, Alfred** [DE/BE]; Handelsstraat 210, B–1840 Londerzeel (BE). **SMETS, Johan** [BE/BE]; Bollenberg 79, B–3210 Lubbeek (BE). **BAECK, Andre, Cesar** [BE/BE]; Putsesteenweg 273, B–2820 Bonheiden (BE).

(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 CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) 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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **C11D 3/395, 1/37 // 1:29, 1:14**

(11) **WO 00/18866** (13) A1

(21) PCT/US99/22472

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 98870206.4 **1 Oct/oct 1998 (01.10.1998)** EP

(30) 98204346.5 **19 Dec/déc 1998 (19.12.1998)** EP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • STABLE BLEACHING COMPOSITIONS
• COMPOSITIONS DE BLANCHIMENT STABLES

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
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(72, 75) **BRIATORE, Andrea** [IT/IT]; Viale Sacco e Vanzetti, 163, I–00155 Rome (IT). **GRANDE, Giovanni** [IT/IT]; Via Friggeri, 131, I–00136 Rome (IT). **MOSS, Michael, Alan, John** [GB/IT]; Largo Olgiata N15, Isola N 91 C, I–00123 Rome (IT). **TODINI, Oreste** [IT/IT]; Via Garibaldi, 26a, Castelnuovo di Porto, I–00060 Rome (IT).

(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 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; 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] **C11D 3/48, 3/04, 1/88, 1/94, A01N 59/12**

(11) **WO 00/18867** (13) A1

(21) PCT/US99/21572

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) 60/101,791 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ANTIMICROBIAL DETERGENT COMPOSITIONS
• COMPOSITIONS DETERGENTES BACTERICIDES

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
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(72, 75) **OFOSU–ASANTE, Kofi** [US/US]; 5752 Belmont Avenue, Cincinnati, OH 45224 (US). **BOUCHER, Jeffrey, Edward** [US/US]; 9470 Shadyoak Court, Cincinnati, OH 45231 (US). **EVANS, Marcus, Wayne** [US/US]; 4525 Peakview Court, Hamilton, OH 45011 (US). **ZINT, David, Robert** [US/US]; 37 Linden Avenue, Fort Thomas, KY 41075 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217–1087 (US).

(81) AU BR CN CZ CZ (Utility model / modèle d'utilité) JP MX RU US; 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] **C11D 17/00, 3/22, 3/37**

(11) **WO 00/18868** (13) A1

(21) PCT/EP99/06624

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) en (26) en

(30) 98203232.8 **25 Sep/sep 1998 (25.09.1998)** EP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DETERGENT COMPOSITION
• COMPOSITION DETERGENTE

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

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

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

(72, 75) **BIJL, Dirk, Johannes** [NL/NL]; Unilever Research Vlaardingen, Olivier van Noortlaan 120, NL–3133 AT Vlaardingen (NL). **PAS VAN DE, Johannes, Cornelis** [NL/NL]; Unilever Research Vlaardingen, Olivier van Noortlaan 120, NL–3133 AT Vlaardingen (NL). **VERBURG, Charles, Cornelis** [NL/NL]; Unilever Research Vlaardingen, Olivier van Noortlaan 120, NL–3133 AT Vlaardingen (NL). **VERHAGEN, Johannes, J.** [NL/NL]; Unilever Research Vlaardingen, Olivier van Noortlaan 120, NL–3133 AT Vlaardingen (NL). **VERSLUIS, Pieter** [NL/NL]; Unilever Research Vlaardingen, Olivier van Noortlaan 120, NL–3133 AT Vlaardingen (NL). **WISSENBURG, Petronella, C.** [NL/NL]; Unilever Research Vlaardingen, Olivier van

Noortlaan 120, NL–3133 AT Vlaardingen (NL).

(74) **KAN, Jacob, H**; UNILEVER N.V., Patent Department, Olivier van Noortlaan 120, NL–3133 AT Vlaardingen (NL).

(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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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)[6] **C11D 17/00, 3/39, 17/06, 3/12**

(11) **WO 00/18869** (13) A1

(21) PCT/US98/20221

(22) **25 Sep/sep 1998 (25.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SOLID DETERGENT COMPOSITIONS
• COMPOSITIONS DETERGENTES SOLIDES

(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) **HARTSHORN, Richard, Timothy** [GB/GB]; 139 Dene Road, Wylam, Northumberland NE41 8EY (GB). **ALAM, Zayeed** [GB/GB]; 39 Huntingdon Close, Kingston Park, Newcastle upon Tyne NE3 2XY (GB). **NORWOOD, Kevin** [US/US]; 311 Hilltop Lane, Cincinnati, OH 45217 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnatti, OH 45217–1087 (US).

(81) 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 EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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)[6] **C11D 17/00, 17/06**

(11) **WO 00/18870** (13) A1

(21) PCT/US98/21022

(22) **5 Oct/oct 1998 (05.10.1998)**

(25) en (26) en

(30) PCT/US98/20222 **25 Sep/sep 1998 (25.09.1998)** US

(30) PCT/US98/20221 **25 Sep/sep 1998 (25.09.1998)** US

(30) PCT/US98/20220 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DETERGENT COMPOSITIONS
• COMPOSITIONS DETERGENTES

(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) **NORWOOD, Kevin, Todd** [US/US]; 311 Hilltop Lane, Cincinnati, OH 45217 (US). **PANCHERI, Eugene, Joseph** [US/US]; 7420 Thumbelina Lane, Montgomery, OH 45242 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217–1087 (US).

(81) 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 EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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] **C11D 17/06, 11/00**

(11) **WO 00/18871** (13) A1

(21) PCT/EP99/06917

(22) **18 Sep/sep 1999 (18.09.1999)**

(25) de (26) de

(30) 198 44 522.9 **29 Sep/sep 1998 (29.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • GRANULATION METHOD
• PROCEDE DE GRANULATION

(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, D–40589 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RÄHSE, Wilfried** [DE/DE]; Bahlenstrasse 168, D–40589 Düsseldorf (DE). **SUNDER, Matthias** [DE/DE]; Sophienstrasse 2, D–40597 Düsseldorf (DE). **SEMRAU, Markus** [DE/DE]; Ilooweg 7, D–24644 Timmaspe (DE). **LARSON, Bernd** [DE/DE]; Im Tenholt 64, D–41812 Erkelenz (DE).

(81) CN CZ HU JP KR PL RU SK US; 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] **C11D 17/06, 11/04**

(11) **WO 00/18872** (13) A1

(21) PCT/EP99/06920

(22) **18 Sep/sep 1999 (18.09.1999)**

(25) de (26) de

(30) 198 44 523.7 **29 Sep/sep 1998 (29.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • GRANULATION METHOD
• PROCEDE DE GRANULATION

(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, D–40589 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LARSON, Bernd** [DE/DE]; Im Tenholt 64, D–41812 Erkelenz (DE). **MARKIEFKA, Josef** [DE/DE]; Bad Harzburger Strasse 61, D–40595 Düsseldorf (DE). **RÄHSE, Wilfried** [DE/DE]; Bahlenstrasse 168, D–40589 Düsseldorf (DE). **SCHULZE, Wieland** [DE/DE]; Von–Hünefeld–Strasse 25, D–40764 Langenfeld (DE). **SUNDER, Matthias** [DE/DE]; Sophienstrasse 2, D–40597 Düsseldorf (DE).

(81) CN CZ HU JP KR PL RU SK US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **C11D 17/06, 17/00, 11/00**

(11) **WO 00/18873** (13) A1

(21) PCT/US98/20220

(22) **25 Sep/sep 1998 (25.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DETERGENT COMPOSITIONS
• COMPOSITIONS DETERGENTES

(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) **HARTSHORN, Richard, Timothy** [GB/GB]; 139 Dene Road, Wylam, Northumberland NE41 8EY (GB). **ALAM, Zayeed** [GB/GB]; 39 Huntingdon Close, Kingston Park, Newcastle upon Tyne NE3 2XY (GB). **CANCEIL, Sylvestre** [FR/GB]; 12 Oakfield Drive, Killingworth, Newcastle Upon Tyne NE12 0YY (GB). **BROOKER, Alan, Thomas** [GB/GB]; 41 Polwarth Drive, Gosforth, Newcastle upon Tyne NE3 5NE (GB). **NORWOOD, Kevin** [US/US]; 311 Hilltop Lane, Cincinnati, OH 45217 (US). **BOHLEN, David, Scott** [US/US]; 9420 Hadley Drive, West Chester, OH 45069 (US). **BAILLELY, Gerard, Marcel**

[FR/GB]; 6 Saxilby Drive, Whitebridge Park, Gosforth, Newcastle upon Tyne NE3 5LS (GB).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217–1087 (US).

(81) 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 EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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)[6] **C11D 17/06**

(11) **WO 00/18874** (13) A1

(21) PCT/US98/20223

(22) **25 Sep/sep 1998 (25.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • GRANULAR DETERGENT COMPOSITION HAVING IMPROVED APPEARANCE AND SOLUBILITY
• COMPOSITION DETERGENTE GRANULAIRE A ASPECT ET A SOLUBILITE AMELIORES

(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) **WESTFIELD, Jacqueline** [US/US]; 724 James Lane, Walton, KY 41904 (US). **GABRIEL, Steven, Matthew** [US/US]; 9432 Hunters Creek Drive, Cincinnati, OH 45242 (US). **CAPECI, Scott, William** [US/US]; 3285 Citation Lane, North Bend, OH 45052 (US). **PERKIS, Kristin, Nicole** [US/US]; 1856 Tilden Avenue #2, Norwood, OH 45212 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217–1087 (US).

(81) 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 EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ 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 ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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] **C11D 17/06**

(11) **WO 00/18875** (13) A1

(21) PCT/US99/22393

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) PCT/US98/20223 **25 Sep/sep 1998 (25.09.1998)** US

(30) 60/105,826 **27 Oct/oct 1998 (27.10.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • GRANULAR DETERGENT COMPOSITION HAVING IMPROVED APPEARANCE AND SOLUBILITY
• COMPOSITION DE DETERGENT GRANULAIRE PRESENTANT UNE SOLUBILITE ET UN ASPECT AMELIORES

(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) **WESTFIELD, Jacqueline** [US/US]; 724 James Lane, Walton, KY 41904 (US). **GABRIEL, Steven, Matthew** [US/US]; 9432 Hunters Creek Drive, Cincinnati, OH 45242 (US). **CAPECI, Scott, William** [US/US]; 3285 Citation Lane, North Bend, OH 45052 (US). **PERKIS, Kristin, Nicole** [US/US]; 1856 Tilden Avenue #2, Norwood, OH 45212 (US).

(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 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; 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] **C11D 17/06**

(11) **WO 00/18876** (13) A1

(21) PCT/US99/22394

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) PCT/US98/20223 **25 Sep/sep 1998 (25.09.1998)** US

(30) 60/148,050 **10 Aug/août 1999 (10.08.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • GRANULAR DETERGENT COMPOSITIONS HAVING IMPROVED SOLUBILITY PROFILES
• COMPOSITIONS DE DETERGENT GRANULAIRES PRESENTANT DES PROFILS DE SOLUBILITE AMELIORES

(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) **CAPECI, Scott, William** [US/US]; 3285 Citation Lane, North Bend, OH 45052 (US). **NORWOOD, Kevin, Todd** [US/US]; 311 Hilltop Lane, Cincinnati, OH 45215 (US). **MORT, Paul, R., III** [US/US]; 510 Compton Road, Cincinnati, OH 45215 (US). **PERKIS, Kristin, Nicole** [US/US]; 1856 Tilden Avenue #2, Norwood, OH 45212 (US). **BURGESS, George** [GB/GB]; 81 Windburgh Drive, Southfield Lea, Cramlington, Northumberland NE23 6NT (GB).

(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 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; 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] **C11D 17/06, 11/00**

(11) **WO 00/18877** (13) A1

(21) PCT/US99/22395

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) PCT/US98/20223 **25 Sep/sep 1998 (25.09.1998)** US

(30) 60/140,088 **21 Jun/juin 1999 (21.06.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • GRANULAR DETERGENT COMPOSITIONS HAVING HOMOGENOUS PARTICLES AND PROCESS FOR PRODUCING SAME
• COMPOSITIONS DE DETERGENT GRANULAIRES COMPORTANT DES PARTICULES HOMOGENES ET PROCEDE DE PRODUCTION DE CELLES–CI

(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) **CAPECI, Scott, William** [US/US]; 3285 Citation Lane, North Bend, OH 45052 (US). **RIDYARD, Mark, William** [GB/GB]; 42 Ravenswood Road, Heaton, Newcastle NE6 5TU (GB). **MORT, Raul, R., III** [GB/GB]; 510 Compton Road, Cincinnati, OH 45215 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217–1087 (US).

(81) AE 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 KR (Utility model / modèle d'utilité) 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; 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] **C11D 17/06**

(11) **WO 00/18878** (13) A1

(21) PCT/US99/22396

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) PCT/US98/20223 **25 Sep/sep 1998 (25.09.1998)** US

(30) 60/148,258 **11 Aug/août 1999 (11.08.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • GRANULAR DETERGENT COMPOSITIONS HAVING IMPROVED SOLUBILITY PROFILES
• COMPOSITIONS DE DETERGENT GRANULAIRES PRESENTANT DES PROFILS DE SOLUBILITE AMELIORES

(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) **CAPECI, Scott, William** [US/US]; 3285 Citation Lane, North Bend, OH 45052 (US). **NORWOOD, Kevin, Todd** [US/US]; 311 Hilltop Lane, Cincinnati, OH 45215 (US). **MORT, Paul, R., III** [US/US]; 510 Compton Road, Cincinnati, OH 45215 (US). **PERKIS, Kristin, Nicole** [US/US]; 1856 Tilden Avenue #2, Norwood, OH 45212 (US). **BURGESS, George** [GB/GB]; 81 Windburgh Drive, Southfield Lea, Cramlington, Northumberland NE23 6NT (GB).

(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 KR (Utility model / modèle d'utilité) 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; 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] **C12M 1/22, C12N 1/00**

(11) **WO 00/18879** (13) A1

(21) PCT/KR99/00584

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 1998/41314 **28 Sep/sep 1998 (28.09.1998)** KR

(30) 1998/23891 U **3 Dec/déc 1998 (03.12.1998)** KR

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PETRI DISH ENABLING MICROORGANISMS TO BE CULTURED IN MORE THAN TWO DIFFERENT KINDS OF MEDIA BY SINGLE INOCULATION
• BOITE DE PETRI PERMETTANT DE CULTIVER DES MICRO–ORGANISMES SUR PLUS DE DEUX MILIEUX DIFFERENTS AVEC UNE SEULE INOCULATION

(71, 72) **LEE, Chang, Yeun** [KR/KR]; Samhwan Apt. 205–105, 120–10, Dadae 2–dong, Saha–gu, Pusan 604–052 (KR).

(74) **JANG, Seong, Ku**; KEC Building, 17th floor, 275–7, Yangjae–dong, Seocho–ku, Seoul 137–130 (KR).

(81) JP US; 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**

(11) **WO 00/18880** (13) A2

(21) PCT/US99/22510

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,569 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INHIBITION OF FARNESYLTRANSFERASE ACTIVITY IN PLANTS
• INHIBITION DE L'ACTIVITE DE LA FARNESYLTRANSFERASE SUR DES PLANTES

(63) US 60/102,569 (CON)
30 Sep/sep 1998 (30.09.1998)

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 12th floor, 1111 Franklin Street, Oakland, CA 94607–5200 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHROEDER, Julian, I.** [US/US]; 5651 Taft Avenue, La Jolla, CA 92037 (US). **PEI, Zhen–Ming** [–/US]; University of California San Diego, Mesa Apartments, Regents Road, La Jolla, CA 92093 (US).

(74) **HYMAN, Laurence, J.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111–3834 (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 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; 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**

(11) **WO 00/18881** (13) A2

(21) PCT/US99/22776

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,413 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INTEIN MEDIATED PEPTIDE LIGATION
• LIGATION DE PEPTIDE INDUITE PAR UNE INTEINE

(71) **NEW ENGLAND BIOLABS, INC.** [US/US]; 32 Tozer Road, Beverly, MA 01915 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **XU, Ming–Qun** [US/CN]; 40 Crescent Road, Hamilton, MA 01982 (US). **EVANS, Thomas, C.** [US/US]; 1st floor, 68 Albion Street, Somerville, MA 02143 (US).

(74) **WILLIAMS, Gregory, D.**; New England Biolabs, Inc., 32 Tozer Road, Beverly, MA 01915 (US).

(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)[7] **C12N 1/06**

(11) **WO 00/18882** (13) A1

(21) PCT/US99/22219

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/101,849 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHODS AND APPARATUS FOR LIPID MEMBRANE DISRUPTION
• TECHNIQUE ET DISPOSITIF DE RUPTURE DE MEMBRANES LIPIDIQUES

(71) **INTEGRATED BIOSYSTEMS** [US/US]; Suite H, 536 Stone Road, Benicia, CA 94501 (US).

(72) **WISNIEWSKI, Richard**; 15 White Plains Court, San Mateo, CA 94402 (US).

(74) **ABRAHAM, David, J.**; Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304–1050 (US).

(81) CA JP; 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 1/14, C12P 17/02, 7/62, 7/26 // (C12N 1/14, C12R 1:80) (C12P 7/62, C12R 1:80) (C12P 17/02, C12R 1:80) (C12P 7/26, C12R 1:80)**

(11) **WO 00/18883** (13) A1

(21) PCT/BE99/00119

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 60/102,264 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TAXANE AND TAXINE DERIVATIVES FROM *PENICILLIUM SP.*
• DERIVES DE LA TAXANE ET DE LA TAXINE PRODUITS PAR LE *PENICILLIUM SP.*

(71) **UNIVERSITE LIBRE DE BRUXELLES** [BE/BE]; Avenue Franklin Roosevelt, 55, CP 161, B–1050 Brussels (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EL JAZIRI, Mondher** [BE/BE]; Place de la Gare 8, B–1150 Brussels (BE). **DIALLO, Billo** [GN/BE]; Rue des Visitendines 1, B–1000 Brussels (BE).

(74) **VAN MALDEREN, Eric** et al. / etc.; Office Van Malderen, Place Reine Fabiola 6/1, B–1083 Bruxelles (BE).

(81) CA CN JP US; 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 1/21, 15/00, 15/11, 15/63, 15/85, 15/86, C07H 21/02, 21/04, C07K 14/00, 16/00, A01K 67/00**

(11) **WO 00/18884** (13) A1

(21) PCT/US99/22517

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/162,524 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • GENE ENCODING MNR2 AND USES THEREOF
• GENE CODANT POUR MNR2 ET UTILISATIONS ASSOCIEES

(63) US 09/162,524 (CIP) 29 Sep/sep 1998 (29.09.1998)

(71) **THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK** [US/US]; West 116th Street and Broadway, New York, NY 10027 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JESSELL, Thomas, M.** [US/US]; Apartment 13A, 300 West 108th Street, New York, NY 10025 (US). **TANABE, Yasuto** [JP/JP]; 10–303, Shogoin–Nakamachi, Sakyo–ku, Kyoto, 606–8324 (JP). **WILLIAM, Christopher** [US/US]; 1415 Terrace Boulevard, New Hyde Park, New York, NY 11040 (US).

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

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR 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 TZ UA UG US UZ VN YU ZA ZW; 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 5/00, 15/85, 15/86**

(11) **WO 00/18885** (13) A1

(21) PCT/IL99/00444

(22) **17 Aug/août 1999 (17.08.1999)**

(25) en (26) en

(30) 09/161,659 **29 Sep/sep 1998 (29.09.1998)** US

(30) PCT/US99/02664 **8 Feb/fév 1999 (08.02.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHODS OF CONTROLLING PROLIFERATION AND DIFFERENTIATION OF STEM AND PROGENITOR CELLS
• PROCEDES DE REGULATION DE LA PROLIFERATION ET DE LA DIFFERENTIATION DE CELLULES SOUCHES ET PRECURSEURS

(71) **GAMIDA CELL LTD.** [IL/IL]; P.O. Box 94, 56530 Savyon (IL). **HADASIT MEDICAL RESEARCH SERVICES AND DEVELOPMENT LTD.** [IL/IL]; P.O. Box 12000, 91120 Jerusalem (IL).
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(72, 75) **PELED, Tony** [IL/IL]; Carmel Street 8, 90805 Mevaseret Zion (IL). **FIBACH, Eitan** [IL/IL]; Hacranim Street 11, 90805 Mevaseret Zion (IL). **TREVES, Avi** [IL/IL]; Carmel Street 10, 90805 Mevaseret Zion (IL).

(74) **FRIEDMAN, Mark, M.**; Beit Samueloff, Haomanim 7, 67897 Tel Aviv (IL).

(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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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)[6] **C12N 5/04, 15/00, 15/09, 15/11, 15/29, 15/63, 15/74, 15/81, 15/82, A01H 5/00**

(11) **WO 00/18886** (13) A1

(21) PCT/US99/22363

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/101,814 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • XENOBIOTIC DETOXIFICATION GENE FROM PLANTS
• GENE DE DETOXICATION XENOBIOTIQUE PROVENANT DE PLANTES

(71) **WISCONSIN ALUMNI RESEARCH FOUNDATION** [US/US]; 614 Walnut Street, Madison, WI 53705 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SPALDING, Edgar, P.** [US/US]; 7417 South Avenue, Middleton, WI 53562 (US). **NOH, Bosl** [US/US]; 308E Eagle Heights, Madison, WI 53705 (US).

(74) **KLANN, Ellen, M.** et al. / etc.; Dann, Dorfman, Herrell and Skillman, Suite 720, 1601 Market Street, Philadelphia, PA 19103 (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 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; 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 : *(c)*

(51)[6] **C12N 5/18, A01K 67/00, A01N 25/34**

(11) **WO 00/18887** (13) A1

(21) PCT/AU99/00829

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) PP 6167 **28 Sep/sep 1998** AU **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND APPARATUS FOR THE STORAGE OF ENTOMOPATHOGENIC NEMATODES
• PROCEDE DE CONSERVATION DE NEMATODES ENTOMO–PATHOGENES ET APPAREIL A CET EFFET

(71) **COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION** [AU/AU]; Limestone Avenue, Campbell, ACT 2601 (AU).
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(72, 75) **BEDDING, Robin, Anthony** [AU/AU]; 5 Booth Crescent, Cook, ACT 2614 (AU). **CLARK, Simone, Daniela** [AU/AU]; 12 Nerli Place, Conder, ACT 2906 (AU). **LACEY, Michael, James** [AU/AU]; 41 Glasgow Street, Hughes, ACT 2605 (AU). **BUTLER, Karen, Louise** [AU/AU]; 30 Angas Street, Ainslie, ACT 2602 (AU).

(74) **ALLEN, Leon, K** et al. / etc.; Davies Collison Cave, 1 Little Collins Street, Melbourne, VIC 3000 (AU).

(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 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; 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)[6] **C12N 7/00, 15/63, 15/85, A61K 48/00, 35/00**

(11) **WO 00/18888** (13) A1

(21) PCT/US99/22367

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 60/102,257 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IMMUNOMODULATION BY GENETIC MODIFICATION OF DENDRITIC CELLS AND B–CELLS
• IMMUNOMODULATION PAR MODIFICATION GENETIQUE DE CELLULES DENDRITIQUES ET DE CELLULES B

(71) **THE UAB RESEARCH FOUNDATION** [US/US]; Suite 1120G/AB, 701 South 20th Street, Birmingham, AL 35294–0111 (US).

(72) **CURIEL, David, T.**; 824 Linwood Drive, Birmingham, AL 35222 (US). **TILLMAN, Bryan, Walter**; Apartment 4, 1123 11th Avenue South, Birmingham, AL 35205 (US).

(74) **ADLER, Benjamin, A.**; McGregor & Adler LLP, 8011 Candle Lane, Houston, TX 77071 (US).

(81) AU CA JP; 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 9/00**

(11) **WO 00/18889** (13) A2

(21) PCT/US99/22231

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/101,939 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NOVEL PLANT ACYLTRANSFERASES
• NOUVELLES ACYLTRANSFERASES VEGETALES

(71) **CALGENE LLC** [US/US]; 1920 Fifth Street, Davis, CA 95620 (US).

(72) **LASSNER, Michael, W.**; 721 Falcon Avenue, Davis, CA 95616 (US). **EMIG, Robin, A.**; 901 Sara Court, Vacaville, CA 95687 (US). **RUEZINSKY, Diane, M.**; 849 Bourn Drive, Woodland, CA 95776 (US). **VAN EENENNAAM, Alison**; 856 Burr Street, Davis, CA 95616 (US).

(74) **SCHWEDLER, Carl, J.** et al. / etc.; Patent Dept. Central, Monsanto/G.D. Searle, P.O. Box 5110, Chicago, IL 60680–5110 (US).

(81) CA JP MX; 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 9/00**

(11) **WO 00/18890** (13) A2

(21) PCT/US99/22924

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/164,193 **30 Sep/sep 1998** US **(30.09.1998)**

(30) 09/163,833 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NOVEL PROTEIN PHOSPHATASE MOLECULES AND USES THEREFOR
• NOUVELLES MOLECULES DE PROTEINE PHOSPHATASE ET UTILISATION DE CES MOLECULES

(63) US 09/164,193 (CIP)
30 Sep/sep 1998 (30.09.1998)
US 09/163,833 (CIP)
30 Sep/sep 1998 (30.09.1998)

(71) **MILLENNIUM PHARMACEUTICALS, INC.** [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ACTON, Susan** [US/US]; Apartment No. 7, 90 Bynner Street, Jamaica Plain, MA 02130 (US).

(74) **MANDRAGOURAS, Amy, E.**; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US) et al. / etc.

(81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **C12N 9/02, 9/06, C12Q 1/26**

(11) **WO 00/18891** (13) A1

(21) PCT/NZ99/00160

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 332085 **25 Sep/sep 1998** NZ **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FRUCTOSAMINE OXIDASE ASSAY: METHODS AND MATERIALS
• DOSAGE DE FRUCTOSAMINE–OXYDASE: PROCEDES ET SUBSTANCES

(71) **GLYCOX CORPORATION LIMITED** [NZ/NZ]; Bowden Impey & Sage, 470 Parnell Road, Auckland 1 (NZ).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAKER, John, Richard** [NZ/NZ]; 61 Hunter Road, RD 2, Henderson, Auckland 1 (NZ).

(74) **CALHOUN, Douglas, C.** et al. / etc.; A J Park & Son, Huddart Parker Building, 6th floor, Post Office Square, P.O. Box 949, Wellington 6015 (NZ).

(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 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; 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)[6] **C12N 9/04, C12Q 1/32 // C12N 1/20, (C12N 9/04, C12R 1:41) (C12N 1/20, C12R 1:41)**

(11) **WO 00/18892** (13) A1

(21) PCT/JP99/05131

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) ja (26) ja

(30) 10/271775 **25 Sep/sep 1998** JP **(25.09.1998)**

(30) 10/271776 **25 Sep/sep 1998** JP **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HISTAMINE DEHYDROGENASE, PROCESS FOR PRODUCING THE SAME, METHOD FOR QUANTITATING HISTAMINE AND QUANTIFICATION REAGENT
• HISTAMINE DESHYDROGENASE, PROCEDE DE PRODUCTION, PROCEDE DE DECELEMENT QUANTITATIF DE L'HISTAMINE ET REACTIF DE DECELEMENT QUANTITATIF

(71) **KIKKOMAN CORPORATION** [JP/JP]; 250, Noda, Noda–shi, Chiba 278–8601 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **SATO, Tsuneo** [JP/JP]; 4–2–14–312, Oyata, Adachi–ku, Tokyo 120–0001 (JP).

(72, 75) **IMAI, Yasuhiko** [JP/JP]; 1–5–1–407, Ka, Nagareyama–shi, Chiba 270–0176 (JP). **HORIUCHI, Tatsuo** [JP/JP]; 3–126–55–409, Higashihatsuishi, Nagareyama–shi, Chiba 270–0114 (JP). **SUZUKI, Masaru** [JP/JP]; 572–25, Nakanokuki, Nagareyama–shi, Chiba 270–0116 (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) AU CA US; 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 9/10, C12P 19/18, C12N 1/13 // (C12N 9/10, C12R 1:89)**

(11) **WO 00/18893** (13) A1

(21) PCT/FR99/02261

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) fr (26) fr

(30) 98/12051 **25 Sep/sep 1998** FR **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR PREPARING A MIXTURE OF STARCH BRANCHING ENZYMES EXTRACTED FROM ALGAE
• PROCEDE DE PREPARATION D'UN MELANGE D'ENZYMES DE BRANCHEMENT DE L'AMIDON EXTRAITES D'ALGUES

(71) **ROQUETTE FRERES** [FR/FR]; F–62136 Lestrem (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FLECHE, Guy** [FR/FR]; 15, rue Gambetta, F–59190 Hazebrouck (FR). **LOOTEN, Philippe** [FR/FR]; 66, allée de l'Artois, Parc de la Carnoy, F–59130 Lambersart (FR). **HEYSEN, Arnaud** [FR/FR]; 203, voie Delattre, F–62350 Saint Floris (FR). **BALL, Steven** [FR/FR]; 58, rue Molhant, F–59830 Bourghelles (FR).

(74) **BOULINGUIEZ, Didier** et al. / etc.; Cabinet Plasseraud, 84, rue d'Amsterdam, F–75440 Paris 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 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; 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)[6] **C12N 9/12, 15/00, 5/00, 1/20, C07H 21/04**

(11) **WO 00/18894** (13) A1

(21) PCT/US99/20345

(22) **3 Sep/sep 1999 (03.09.1999)**

(25) en (26) en

(30) 09/160,483 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A BIOLOGICALLY ACTIVE ALTERNATIVE FORM OF THE IKKα IκB KINASE
• FORME DE REMPLACEMENT, BIOLOGIQUEMENT ACTIVE, DE LA IKKα IκB KINASE

(71) **THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK** [US/US]; P.O. Box 9, Albany, NY 12201–0009 (US).

(72) **MARCU, Kenneth, B.**; 5 Dale Road, Stony Brook, NY 11790 (US).

(74) **BARON, Ronald, J.**; Hoffmann & Baron, LLP, 6900 Jericho Turnpike, Syosset, NY 11791 (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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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 9/12, G01N 33/68, A61K 38/45, A61P 35/00, 37/00**

(11) **WO 00/18895** (13) A1

(21) PCT/US99/22106

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/161,094 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SHORT PEPTIDES WHICH SELECTIVELY MODULATE THE ACTIVITY OF PROTEIN KINASES
• PEPTIDES COURTS MODULANT SELECTIVEMENT L'ACTIVITE DES PROTEINES KINASES

(71) **THE CHILDREN'S MEDICAL CENTER CORPORATION** [US/US]; 300 Longwood Avenue, Boston, MA 02115 (US). **YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM** [IL/IL]; Jabotinsky Street 46, 91042 Jerusalem (IL).

(72) **BEN–SASSON, Shmuel, A.**; Epstein Street 3, Jerusalem (IL).

(74) **WAGNER, Richard, W.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02421 (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 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; 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 9/18, 9/26, 15/10, 15/54, A61K 39/35**

(11) **WO 00/18896** (13) A1

(21) PCT/US99/23211

(22) **1 Oct/oct 1999 (01.10.1999)**

(25) en (26) en

(30) 09/166,205 **1 Oct/oct 1998** US **(01.10.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CLONING AND RECOMBINANT PRODUCTION OF *POLISTINAE* VENOM ENZYMES, SUCH AS PHOSPHOLIPASE AND HYALURONIDASE, AND IMMUNOLOGICAL THERAPIES BASED THEREON
• PRODUCTION PAR CLONAGE ET RECOMBINAISON D'ENZYMES DE VENIN DE VESPIDES, TELLES QUE LA PHOSPHOLIPASE ET L'HYALURONIDASE, THERAPIES IMMUNOLOGIQUES FONDEES SUR CES DERNIERES

(63) US 09/166,205 (CON) 1 Oct/oct 1998 (01.10.1998)

(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) **KING, Te, Paio** [US/US]; 340 East 64th Street, 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 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 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; 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)[6] **C12N 9/42, C11D 3/386, D06M 16/00**

(11) **WO 00/18897** (13) A1

(21) PCT/US98/20491

(22) **30 Sep/sep 1998 (30.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LAUNDRY DETERGENT AND/OR FABRIC CARE COMPOSITIONS COMPRISING CHEMICAL COMPONENTS LINKED TO A CELLULOSE BINDING DOMAIN
• COMPOSITIONS DE DETERGENTS POUR LESSIVE ET/OU POUR LE SOIN DES TISSUS COMPRENANT DES COMPOSANTS CHIMIQUES LIES A UN DOMAINE DE LIAISON DE LA CELLULOSE

(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) **SMETS, Johan** [BE/BE]; Bollenberg 79, B–3210 Lubbeek (BE). **BETTIOL, Jean–Luc, Phlippe** [FR/BE]; 93 Avenue Slegers, B–1200 Brussels (BE). **LAUDAMIEL, Christophe** [FR/BE]; 20A Rue de la Violette, B–1000 Brussels (BE). **BOYER, Stanton, Lane** [US/US]; 12 Fall River Court, Fairfield, OH 45014 (US). **BAECK, Andre, Cesar** [BE/BE]; Putsesteenweg 273, B–2820 Bonheiden (BE). **HERBOTS, Ivan, Maurice, Alfons, Jan** [BE/BE]; Hollegat 11, B–9230 Wetteren (BE).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217–1087 (US).

(81) 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 EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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 9/42, C11D 3/386, D06M 16/00**

(11) **WO 00/18898** (13) A1

(21) PCT/US99/10855

(22) **17 May/mai 1999 (17.05.1999)**

(25) en (26) en

(30) PCT/US98/20491 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LAUNDRY DETERGENT AND/OR FABRIC CARE COMPOSITIONS COMPRISING CHEMICAL COMPONENTS LINKED TO A CELLULOSE BINDING DOMAIN
• COMPOSITIONS DE DETERGENTS A LESSIVE ET/OU DE SOIN DES TISSUS, COMPRENANT DES COMPOSANTS CHIMIQUES LIES A UN DOMAINE DE FIXATION DE LA CELLULOSE

(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) **SMETS, Johan** [BE/BE]; Bollenberg 79, B–3210 Lubbeek (BE). **BAECK, Andre, Cesar** [BE/BE]; Putsesteenweg 273, B–2820 Bonheiden (BE). **BUSCH, Alfred** [DE/BE]; Handelsstraat 210, B–1840 Londerzeel (BE). **BOYER, Stanton, Lane** [US/US]; 12 Fall River Court, Fairfield, OH 45014 (US).

(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 CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) 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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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 9/48, C12P 21/00, A61K 38/16, A61P 9/02, 9/00**

(11) **WO 00/18899** (13) A2

(21) PCT/US99/22976

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/163,648 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ANGIOTENSIN CONVERTING ENZYME HOMOLOG AND ITS USE
• HOMOLOGUE D'ENZYME DE CONVERSION D'ANGIOTENSINE ET SON UTILISATION

(71) **MILLENNIUM PHARMACEUTICALS, INC.** [US/US]; 238 Main Street, Cambridge, MA 02142 (US).

(72) **ACTON, Laurene, Susan**; 42 Munroe Road, Lexington, MA 02173 (US). **ROBISON, Keith, Earl**; 9 Cherokee Lane, Wilmington, MA 01887 (US). **HSIEH, Frank, Y.**; 3 Goffe Road, Lexington, MA 02421 (US).

(74) **ARNOLD, Beth, E.** et al. / etc.; Foley, Hoag & Eliot, LLP, One Post Office Square, Boston, MA 02109 (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 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; 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 9/64, 1/21, 15/57, C12P 21/02, C12Q 1/37, A61K 38/57**

(11) **WO 00/18900** (13) A1

(21) PCT/JP99/05349

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) ja (26) ja

(30) 10/276258 **29 Sep/sep 1998 (29.09.1998)** JP

(30) 10/291505 **29 Sep/sep 1998 (29.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DNAS ENCODING NOVEL POLYPEPTIDES
• ADN CODANT POUR DE NOUVEAUX POLYPEPTIDES

(71, 72) **SEIKI, Motoji** [JP/JP]; Koyamadai–jutaku 5–203, 2–5, Koyamadai, Shinagawa–ku, Tokyo 142–0061 (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) AU BG BR CA CN CZ HU ID IL IN JP KR MX NO NZ PL RO SG SI SK UA US VN ZA; EA (AM AZ BY KG 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] **C12N 11/04, C12P 19/26**

(11) **WO 00/18901** (13) A1

(21) PCT/EP99/06939

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) de (26) de

(30) 198 44 924.0 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IMMOBILIZED CELLS OF *ACTINOPLANES ACARBOSEFACIENS* SE 50/110, METHOD FOR IMMOBILIZING SAME AND USE OF THE IMMOBILISATE FOR THE PRODUCTION OF ACARBOSE
• CELLULES DE *ACTINOPLANES ACARBOSEFACIENS* SE 50/110 IMMOBILISEES, PROCEDE D'IMMOBILISATION ET UTILISATION DU PRODUIT IMMOBILISE POUR PRODUIRE DE L'ACARBOSE

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

(72, 75) **CRUEGER, Anneliese** [DE/DE]; Ruhrstrasse 35, D–40699 Erkrath (DE).

(74) **BAYER AKTIENGESELLSCHAFT**; D–51368 Leverkusen (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 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; 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 15/00, A01K 67/027, A61K 48/00, C07K 14/72, C12Q 1/68**

(11) **WO 00/18902** (13) A1

(21) PCT/GB99/03185

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 9820988.5 **25 Sep/sep 1998** GB **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD OF SCREENING FOR LARGE OFFSPRING SYNDROME
• DEPISTAGE DU SYNDROME DE SURDEVELOPPEMENT DE L'EMBRYON

(71) **BIOTECHNOLOGY AND BIOLOGICAL SCIENCES RESEARCH COUNCIL** [GB/GB]; Central Office, Polaris House, North Star Avenue, Swindon SN2 1UH (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MCEVOY, Thomas, Gerard** [GB/GB]; Scottish Agricultural College, West Mains Road, Edinburgh EH9 3JG (GB). **SINCLAIR, Kevin, Donald** [GB/GB]; Scottish Agricultural College, West Mains Road, Edinburgh EH9 3JG (GB). **YOUNG, Lorraine, Elizabeth** [GB/GB]; Rolin Institute (Edinburgh), Roslin, Midlothian EH25 9PS (GB). **WILMUT, Ian** [GB/GB]; Roslin Institute (Edinburgh), Roslin, Midlothian EH25 9PS (GB).

(74) **SHEARD, Andrew, Gregory** et al. / etc.; Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ (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 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; 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 15/00**

(11) **WO 00/18903** (13) A2

(21) PCT/US99/22468

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,140 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INDUCIBLE GENETIC SUPPRESSION OF CELLULAR EXCITABILITY
• SUPPRESSION GENETIQUE INDUCTIBLE DE L'EXCITABILITE CELLULAIRE

(63) US 60/102,140 (CIP)
29 Sep/sep 1998 (29.09.1998)

(71) **THE JOHNS HOPKINS UNIVERSITY** [US/US]; Suite 906, 111 Market Place, Baltimore, MD 21202 (US).
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(72, 75) **MARBAN, Eduardo** [US/US]; The Johns Hopkins University, Suite 906, 111 Market Place, Baltimore, MD 21202 (US). **JOHNS, David, C.** [US/US]; The Johns Hopkins University, Suite 906, 111 Market Place, Baltimore, MD 21202 (US).

(74) **KAGAN, Sarah, A.** et al. / etc.; Banner & Witcoff, Ltd., 11th floor, 1001 G Street, N.W., Washington, DC 20001–4597 (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 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; 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 15/00**

(11) **WO 00/18904** (13) A2

(21) PCT/US99/22817

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/164,220 **30 Sep/sep 1998** US **(30.09.1998)**

(30) 09/164,169 **2 Oct/oct 1998** US **(02.10.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SECRETED PROTEINS AND NUCLEIC ACIDS ENCODING THEM
• PROTEINES SECRETEES ET ACIDES NUCLEIQUES LES CODANT

(63) US 09/164,220 (CON)
30 Sep/sep 1998 (30.09.1998)
US 09/164,169 (CON)
2 Oct/oct 1998 (02.10.1998)

(71) **MILLENNIUM BIOTHERAPEUTICS, INC.** [US/US]; 620 Memorial Drive, Cambridge, MA 02139 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BARNES, Thomas, M.** [AU/US]; 22 Hanson Street #2, Boston, MA 02118 (US).

(74) **MEIKLEJOHN, Anita, L.**; Fish & Richardson, P.C., 225 Franklin Street, Boston, MA 02110–2804 (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 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; 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 15/10, 15/25, 15/62, C07K 14/535, 14/005**

(11) **WO 00/18905** (13) A1

(21) PCT/US99/20891

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/101,908 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD OF PRODUCING PERMUTEINS BY SCANNING PERMUTAGENESIS
• PROCEDE DE PRODUCTION DE PERMUTEINES PAR PERMUTAGENESE D'EXPLORATION

(71) **G.D. SEARLE & CO.** [US/US]; Corporate Patent Department, P.O. Box 5110, Chicago, IL 60680–5110 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEE, Stephen, C.** [US/US]; 828 Fernview Drive, Creve Coeur, MO 63141 (US).

(74) **BAUER, S., Christopher** et al. / etc.; G.D. Searle & Co., Corporate Patent Dept., P.O. Box 5110, Chicago, IL 60680–5110 (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 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; 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 15/10, 15/11, 5/10, 7/04, A61K 39/21, C07B 61/00, G06F 19/00, B01J 19/00 // C12N 15/12, 15/55, 15/49**

(11) **WO 00/18906** (13) A2

(21) PCT/US99/22588

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 60/102,362 **29 Sep/sep 1998 (29.09.1998)** US

(30) 60/117,729 **29 Jan/jan 1999 (29.01.1999)** US

(30) 60/118,813 **5 Feb/fév 1999 (05.02.1999)** US

(30) 60/141,049 **24 Jun/juin 1999 (24.06.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SHUFFLING OF CODON ALTERED GENES
• REARRANGEMENT DE GENES MODIFIES PAR CODON

(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) **PATTEN, Phillip, A.** [US/US]; Apartment 506, 2680 Fayette Drive, Mountain View, CA 94040 (US). **LIU, Lu** [US/US]; 519 Skiff Circle, Redwood City, CA 94056 (US). **STEMMER, Willem, P., C.** [NL/US]; 108 Kathy Court, Los Gatos, CA 95030 (US).

(74) **QUINE, Jonathan, Alan**; Law Offices of Jonathan Alan Quine, P.O. Box 458, Alameda, CA 94501 (US) et al. / etc.

(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; 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 15/11, C07H 21/00, A61K 31/7088, C12Q 1/68, A01K 67/027 // A61P 31/00, 35/00, 37/00**

(11) **WO 00/18907** (13) A2

(21) PCT/EP99/06972

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) de (26) de

(30) 198 44 111.8 **25 Sep/sep 1998 (25.09.1998)** DE

(30) 198 56 138.5 **4 Dec/déc 1998 (04.12.1998)** DE

(30) 199 26 110.5 **8 Jun/juin 1999 (08.06.1999)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ANTISENSE–SEQUENCES FOR INHIBITING THE EXPRESSION OF THE ADHESION MOLECULE ICAM–1
• SEQUENCES ANTI–SENS DESTINEES A L'INHIBITION DE L'EXPRESSION DE LA MOLECULE D'ADHESION ICAM–1

(71) **DEUTSCHES KREBSFORSCHUNGSZENTRUM, STIFTUNG DES ÖFFENTLICHEN RECHTS** [DE/DE]; Im Neuenheimer Feld 280, D–69120 Heidelberg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PATZEL, Volker** [DE/DE]; Fr.–Fröbel–Strasse 10, D–63457 Hanau (DE). **KRONENWETT, Ralf** [DE/DE]; Schröderstrasse 103, D–69120 Heidelberg (DE). **STEIDL, Ulrich** [DE/DE]; Mühltalstrasse 13, D–69121 Heidelberg (DE). **HAAS, Rainer** [DE/DE]; Fritz–Frey–Strasse 8, D–69121 Heidelberg (DE). **SCZAKIEL, Georg** [DE/DE]; Beintweg 9a, D–69181 Leimen (DE).

(74) **PERREY, Ralf**; Müller–Boré & Partner, Grafinger Strasse 2, D–81671 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; 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 15/11, 15/86, 5/10, A61K 48/00**

(11) **WO 00/18908** (13) A1

(21) PCT/FR99/02265

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) fr (26) fr

(30) 98/12000 **25 Sep/sep 1998 (25.09.1998)** FR

(30) 60/123,298 **4 Mar/mar 1999 (04.03.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • USE OF SPECIFIC HYBRID PROMOTERS FOR CONTROLLING TISSUE EXPRESSION
• UTILISATION DE PROMOTEURS SPECIFIQUES HYBRIDES POUR CONTROLER L'EXPRESSION TISSULAIRE

(71) **AVENTIS PHARMA S.A.** [FR/FR]; 20 Avenue Raymond Aron, F–92160 Antony (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRANELLEC, Didier** [FR/FR]; 30 Avenue de Sébastopol, F–94210 La Varenne Saint Hilaire (FR). **DARTEIL, Raphaël** [FR/FR]; 30 Impasse Thiéré, F–75011 Paris (FR). **MAHFOUDI, Abderrahim** [FR/FR]; 42 rue des Pastoureaux, F–94440 Marolles En Brie (FR). **SCHERMAN, Daniel** [FR/FR]; 10 rue Erard, F–75012 Paris (FR).

(74) **LANCELOT, Géraldine**; Aventis Pharma S.A., Direction Brevets, 20 Avenue Raymond Aron, F–92165 Antony Cedex (FR).

(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 MG MK MN MX NO NZ PL RO RU SG SI SK SL TR TT UA US UZ VN YU ZA; 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 15/11, C07H 21/00, C12N 15/31, C07K 14/195, 16/12**

(11) **WO 00/18909** (13) A2

(21) PCT/US99/22752

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,294 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NUCLEIC ACIDS AND PROTEINS FROM *CENARCHAEUM SYMBIOSUM*
• ACIDES NUCLEIQUES ET PROTEINES PROVENANT DE CENARCHAEUM SYMBIOSUM

(71) **DIVERSA CORPORATION** [US/US]; 10665 Sorrento Valley Road, San Diego, CA 92121 (US).

(72) **SWANSON, Ronald, V.**; 8656–3 Villa La Jolla, La Jolla, CA 92037 (US). **FELDMAN, Robert, A.**; 13344 Lingre Avenue, Poway, CA 92064 (US). **SCHLEPER, Christa**; Weinberg Strasse 33, D–64285 Darmstadt (DE).

(74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson and Bear, LLP, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).

(81) AE AL AM AT 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 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; 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 15/11, C07K 14/00, 16/00, A61K 48/00, 39/395, 38/00**

(11) **WO 00/18910** (13) A1

(21) PCT/US99/22918

(22) **1 Oct/oct 1999 (01.10.1999)**

(25) en (26) en

(30) 09/164,714 **1 Oct/oct 1998 (01.10.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • *MORAXELLA CATARRHALIS* PROTEIN, NUCLEIC ACID SEQUENCE AND USES THEREOF
• PROTEINE *MORAXELLA CATARRHALIS*, SEQUENCE D'ACIDE NUCLEIQUE ET UTILISATIONS DE CELLES–CI

(71) **ANTEX BIOLOGICS INC.** [US/US]; 300 Professional Drive, Gaithersburg, MD 20879 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TUCKER, Kenneth** [US/US]; 20408 Afternoon Lane, Germantown, MD 20874 (US). **TILLMANN, Ulrich, F.** [DE/US]; 118 Buckingham Way, Mount Laurel, NJ 08054 (US).

(74) **BALDWIN, Geraldine, F.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (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; 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)[6] **C12N 15/12, C07K 14/47, C12N 15/63**

(11) **WO 00/18911** (13) A1

(21) PCT/CN98/00208

(22) **30 Sep/sep 1998 (30.09.1998)**

(25) zh (26) zh

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NEW GENE WHICH IS DOWN–REGULATED IN LARGE INTESTINE CANCER
• NOUVEAU GENE A REGULATION DECROISSANTE DANS LE CANCER DU GROS INTESTIN

(71, 72) **ZHENG, Shu** [CN/CN]; Cancer Institute, Zhejiang Medical University, No. 68 Jiefanglu, Hangzhou City, Zhejiang 310009 (CN).

(72, 75) **CAO, Jiang** [CN/CN]; Cancer Institute, Zhejiang Medical University, No. 68 Jiefanglu, Hangzhou City, Zhejiang 310009 (CN). **CAO, Wei** [CN/CN]; Cancer Institute, Zhejiang Medical University, No. 68 Jiefanglu, Hangzhou City, Zhejiang 310009 (CN). **GENG, Liyi** [CN/CN]; Cancer Institute, Zhejiang Medical University, No. 68 Jiefanglu, Hangzhou City, Zhejiang 310009 (CN). **ZHANG, Yanming** [CN/CN]; Zhejiang Medical University, No. 353 Yanan Road, Hangzhou City, Zhejiang 310031 (CN).

(74) **CCPIT PATENT AND TRADEMARK LAW OFFICE**; 8th floor, 2 Fuchengmenwai Street, Beijing 100037 (CN).

(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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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 15/12, C07K 14/705, 16/28, A61K 38/17**

(11) **WO 00/18912** (13) A2

(21) PCT/EP99/06991

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) en (26) en

(30) 60/101,706 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ATP BINDING CASSETTE GENES AND PROTEINS FOR DIAGNOSIS AND TREATMENT OF LIPID DISORDERS AND INFLAMMATORY DISEASES
• GENES ET PROTEINES DE CASSETTE DE LIAISON AVEC ATP, DESTINES AU DIAGNOSTIC ET AU TRAITEMENT DE DESORDRES LIPIDIQUES ET MALADIES INFLAMMATOIRES

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

(72, 75) **SCHMITZ, Gerd** [DE/DE]; Turmstrasse 15a, D–93161 Sinzing (DE). **KLUCKEN, Jochen** [DE/DE]; Silberne Fischgasse 13, D–93047 Regensburg (DE).

(74) **BAYER AKTIENGESELLSCHAFT**; D–51368 Leverkusen (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 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; 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 15/12, 5/10, C07K 16/18, 14/47, 14/435, C12Q 1/68, A01K 67/027, G01N 33/50, 33/574**

(11) **WO 00/18913** (13) A1

(21) PCT/NL99/00595

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 98203237.7 **25 Sep/sep 1998 (25.09.1998)** EP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • APC–2
• APC–2

(71) **UNIVERSITEIT UTRECHT** [NL/NL]; Heidelberglaan 8, NL–3584 CS Utrecht (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAN ES, Johannes, Hendrikus** [NL/NL]; de Passage 6, NL–3641 AK Mijdrecht (NL). **PELFER, Mark, Alan** [US/US]; 8232 Morrow Mill Road, Chapel Hill, NC 27516 (US). **CLEVERS, Johannes, Carolus** [NL/NL]; Ruysdaellaan 7, NL–3712 AP Huis ter Heide (NL).

(74) **OTTEVANGERS, S., U.**; Vereenigde Octrooibureaux, Nieuwe Parklaan 97, NL–2587 BN The Hague (NL).

(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 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; 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 15/12, C07K 14/475**

(11) **WO 00/18914** (13) A2

(21) PCT/US99/21647

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 09/161,241 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NOVEL *DKR* POLYPEPTIDES
• NOUVEAUX POLYPEPTIDES *DKR*

(71) **AMGEN INC.** [US/US]; One Amgen Center Drive, Thousand Oaks, CA 91320–1799 (US).

(72) **BASS, Michael, Brian**; 2208 Rustic Park Court, Thousand Oaks, CA 91362 (US). **SULLIVAN, John, Kevin**; 1085 Rotella Street, Newbury Park, CA 91320 (US). **THEILL, Lars, Eyde**; 1874 Calle Borrego, Thousand Oaks, CA 91360 (US). **WANG, Daguang**; 1800 Via Petirrojo #K, Thousand Oaks, CA 91320 (US).

(74) **ODRE, Steven, M.** et al. / etc.; Amgen, Inc., One Amgen Center Drive, Thousand Oaks, CA 91320–1799 (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 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; 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 15/12, C07K 14/705, 16/28, A61K 38/17**

(11) **WO 00/18915** (13) A2

(21) PCT/US99/22082

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 60/155,215 **25 Sep/sep 1998 (25.09.1998)** US

(30) 60/155,251 **13 Oct/oct 1998 (13.10.1998)** US

(30) 60/172,228 **4 May/mai 1999 (04.05.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MEMBRANE–ASSOCIATED ORGANIZATIONAL PROTEINS
• PROTEINES ORGANISATIONNELLES ASSOCIEES AUX MEMBRANES

(63) US 60/155,251 (CIP)
13 Oct/oct 1998 (13.10.1998)
US 60/172,228 (CIP)
4 May/mai 1999 (04.05.1999)
US 60/155,215 (CIP)
25 Sep/sep 1998 (25.09.1998)

(71) **INCYTE PHARMACEUTICALS, INC.** [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YUE, Henry** [US/US]; 826 Lois Avenue, Sunnyvale, CA 94087 (US). **LAL, Preeti** [IN/US]; 2382 Lass Drive, Santa Clara, CA 9054 (US). **CORLEY, Neil, C.** [US/US]; 1240 Dale Avenue #30, Mountain View, CA 94040 (US). **GUEGLER, Karl, J.** [CH/US]; 1048 Oakland Avenue, Menlo Park, CA 94025 (US). **BAUGHN, Mariah, R.** [US/US]; 14244 Santiago Road, San Leandro, CA 94577 (US). **LU, Aina, D.** [US/US]; 55 Park Belmont Place, San Jose, CA 95136 (US). **TANG, Y., Tom** [CN/US]; 4230 Ranwick Court, San Jose, CA 95118 (US).

(74) **BILLINGS, Lucy, J.** et al. / etc.; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (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; 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 15/12, C07K 14/47, 16/18, C12Q 1/68**

(11) **WO 00/18916** (13) A2

(21) PCT/US99/22226

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 60/102,161 **28 Sep/sep 1998 (28.09.1998)** US

(30) 60/102,180 **28 Sep/sep 1998 (28.09.1998)** US

(30) 60/102,380 **29 Sep/sep 1998 (29.09.1998)** US

(30) 60/103,815 **8 Oct/oct 1998 (08.10.1998)** US

(30) 60/105,877 **27 Oct/oct 1998 (27.10.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HUMAN GENES AND GENE EXPRESSION PRODUCTS
• GENES HUMAINS ET PRODUITS D'EXPRESSION GENIQUE

(71) **CHIRON CORPORATION** [US/US]; 4560 Horton Street – R440, Emeryville, CA 94608 (US). **HYSEQ INC.** [US/US]; 675 Almanor Avenue, Sunnyvale, CA 94086 (US).

(72) **WILLIAMS, Lewis, T.**; 3 Miroflores, Tiburon, CA 94920 (US). **ESCOBEDO, Jaime**; 1470 Lavorna Road, Alamo, CA 94507 (US). **INNIS, Michael, A.**; 315 Constance Place, Moraga, CA 94556 (US). **GARCIA, Pablo, Dominguez**; 882 Chenery Street, San Francisco, CA 94131 (US). **SUDDUTH–KLINGER, Julie**; 280 Lexington Road, Kensington, CA 94707 (US). **REINHARD, Christoph**; 1633 Clinton Avenue, Alameda, CA 94501 (US). **GIESE, Klaus**; Chausseetrabe 92, D–10115 Berlin (DE). **RANDAZZO, Filippo**; Apartment 403, 690 Chestnut Street, San Francisco, CA 94133 (US). **KENNEDY, Giulia, C.**; 360 Castenada Avenue, San Francisco, CA 94116 (US). **POT, David**; 1565 5th Avenue, #102, San Francisco, CA 94112 (US). **KASSAM, Altaf**; 2659 Harold Street, Oakland, CA 94602 (US). **LAMSON, George**; 232 Sandringham Drive, Moraga, CA 94556 (US). **DRMANAC, Radoje**; 850 East Greenwich Place, Palo Alto, CA 94303 (US). **CRKVENJAKOV, Radomir**; 762 Haverhill Drive, Sunnyvale, CA 94068 (US). **DICKSON, Mark**; 1411 Gabilan Drive, #B, Hollister, CA 95025 (US). **DRMANAC, Snezana**; 850 East Greenwich Place, Palo Alto, CA 94303 (US). **LABAT, Ivan**; 140 Acalanes Drive, Sunnyvale, CA 94086 (US). **LESHKOWITZ, Dena**; 678 Durshire Way, Sunnyvale, CA 94087 (US). **KITA, David**; 899 Bounty Drive, Foster City, CA 94404 (US). **GARCIA, Veronica**; Apartment 412, 396 Ano Nuevo, Sunnyvale, CA 94086 (US). **JONES, Lee, William**; 396 Ano Nuevo #412, Sunnyvale, CA 94086 (US). **STACHE–CRAIN, Birgit**; 345 South Mary Avenue, Sunnyvale, CA 94086 (US).

(74) **BLACKBURN, Robert, P.**; Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662–8097 (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 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; 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 15/12, C07K 14/47, G01N 33/50, A01K 67/027, A61K 38/17**

(11) **WO 00/18917** (13) A2

(21) PCT/US99/22302

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 60/101,862 **25 Sep/sep 1998 (25.09.1998)** US

(30) 09/405,035 **24 Sep/sep 1999 (24.09.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • α–SYNUCLEIN SUPER–MUTANTS ACCELERATE α–SYNUCLEIN AGGREGATION
• SUPER MUTANTS D'ALPHA–SYNUCLEINE POUVANT ACCELERER L'AGREGATION D'ALPHA–SYNUCLEINE

(71) **AMGEN INC.** [US/US]; One Amgen Center Drive, Thousand Oaks, CA 91320–1799 (US).

(72) **BIERE, Anja, Leona**; 1272 Wilder Street, Thousand Oaks, CA 91362 (US). **CITRON, Martin**; 1272 Wilder Street, Thousand Oaks, CA 91362 (US).

(74) **ODRE, Steven, M.** et al. / etc.; Amgen Inc., One Amgen Center Drive, Thousand Oaks, CA 91320–1799 (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 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; 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 15/12, 15/52, 15/54, 9/88, 9/10, C07K 14/705, 14/58, 14/47, 16/18, 16/26, 16/28, 16/40, 16/44, C12Q 1/68, G01N 33/50, 33/566, A01K 67/027, A61K 31/70, 38/17, 38/22, 38/45, 38/51, 39/395, A61P 3/10, 3/06, 9/12**

(11) **WO 00/18918** (13) A2

(21) PCT/US99/22494

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/161,939 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • GENES AND PROTEINS PREDICTIVE AND THERAPEUTIC FOR STROKE, HYPERTENSION, DIABETES AND OBESITY
• GENES ET PROTEINES PREDICTIFS ET METHODES THERAPEUTIQUES DESTINEES AUX ATTAQUES, A L'HYPERTENSION, AUX DIABETES ET A L'OBESITE

(63) US 09/161,939 (CIP)
28 Sep/sep 1998 (28.09.1998)

(71) **CURAGEN CORPORATION** [US/US]; 11th floor, 555 Long Wharf Drive, New Haven, CT 06511 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHIMKETS, Richard, A.** [US/US]; 191 Leete Street, West Haven, CT 06516 (US).

(74) **ELRIFI, Ivor, R.**; Mintz, Levin, Cohn, Ferris, Glovsky, and Popeo, P.C., One Financial Center, Boston, MA 02111 (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 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; 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 15/12, C07K 14/47, C12N 5/10, C07K 16/18, A61K 38/17, C12Q 1/68**

(11) **WO 00/18919** (13) A1

(21) PCT/US99/22495

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/162,373 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HUMAN KINESIN–LIKE MOTOR PROTEIN
• PROTEINE MOTEUR DE TYPE KINESINE HUMAINE

(63) US 09/162,373 (CIP)
28 Sep/sep 1998 (28.09.1998)

(71) **INCYTE PHARMACEUTICALS, INC.** [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TANG, Y., Tom** [CN/US]; 4230 Ranwick Court, San Jose, CA 95118 (US). **CORLEY, Neil, C.** [US/US]; 1240 Dale Avenue #30, Mountain View, CA 94040 (US). **GUEGLER, Karl, J.** [CH/US]; 1048 Oakland Avenue, Menlo Park, CA 94025 (US). **PATTERSON, Chandra** [US/US]; 490 Sherwood Way, #1, Menlo Park, CA 94025 (US).

(74) **BILLINGS, Lucy, J.** et al. / etc.; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (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; 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 15/12, C07K 14/72, C12Q 1/68, G01N 33/68, C12N 15/11, 15/82, A01N 63/00**

(11) **WO 00/18920** (13) A2

(21) PCT/US99/22601

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,230 **29 Sep/sep 1998** US **(29.09.1998)**

(30) 09/201,568 **30 Nov/nov 1998** US **(30.11.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TMOF RECEPTOR AND USES THEREOF
• RECEPTEUR TMOF ET SES UTILISATIONS

(71) **UNIVERSITY OF FLORIDA** [US/US]; 223 Grinter Hall, Gainesville, FL 32611 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOROVSKY, Dov** [US/US]; 135 36th Court, Vero Beach, FL 32962 (US).

(74) **SALIWANCHIK, David, R.** et al. / etc.; Saliwanchik, Lloyd & Saliwanchik, Suite A–1, 2421 N.W. 41st Street, Gainesville, FL 32606–6669 (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 MG MK MN MX NO NZ PL RO SG SI SK SL TR TT TZ UA US UZ VN YU ZA; 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 15/12, 15/62, C07K 14/50, 7/08**

(11) **WO 00/18921** (13) A2

(21) PCT/US99/22682

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,667 **30 Sep/sep 1998** US **(30.09.1998)**

(30) 60/134,120 **14 May/mai 1999** US **(14.05.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SYNTHETIC PEPTIDES HAVING FGF RECEPTOR AFFINITY
• PEPTIDES SYNTHETIQUES POSSEDANT UNE AFFINITE POUR LE RECEPTEUR DE FGF

(71) **CHIRON CORPORATION** [US/US]; 4560 Horton Street – R440, Emeryville, CA 94608 (US).

(72) **BALLINGER, Marcus, D.**; 918 Chula Vista Avenue #3, Burlingame, CA 94010 (US). **KAVANAUGH, Michael, W.**; 205 La Verne Avenue, Mill Valley, CA 94941 (US).

(74) **BLACKBURN, Robert, P.**; Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662–8097 (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 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; 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 15/12, 15/56, 9/26, C07K 14/47, 14/705, 14/785, A61K 38/17, 38/47**

(11) **WO 00/18922** (13) A2

(21) PCT/US99/22685

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/164,785 **1 Oct/oct 1998 (01.10.1998)** US

(30) Not furnished / non communiqué **1 Oct/oct 1998 (01.10.1998)** US

(30) 09/167,179 **6 Oct/oct 1998 (06.10.1998)** US

(30) Not furnished / non communiqué **6 Oct/oct 1998 (06.10.1998)** US

(30) 09/191,838 **13 Nov/nov 1998 (13.11.1998)** US

(30) Not furnished / non communiqué **13 Nov/nov 1998 (13.11.1998)** US

(30) 09/205,656 **3 Dec/déc 1998 (03.12.1998)** US

(30) Not furnished / non communiqué **3 Dec/déc 1998 (03.12.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HUMAN CARBOHYDRATE–ASSOCIATED PROTEINS
• PROTEINES HUMAINES ASSOCIEES A DES GLUCIDES

(63) US 09/167,179 (CIP) 6 Oct/oct 1998 (06.10.1998)
US 09/191,838 (CIP) 13 Nov/nov 1998 (13.11.1998)
US 09/205,656 (CIP) 3 Dec/déc 1998 (03.12.1998)
US 09/164,785 (CIP) 1 Oct/oct 1998 (01.10.1998)

(71) **INCYTE PHARMACEUTICALS, INC.** [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AU–YOUNG, Janice** [US/US]; 1419 Kains Avenue, Berkeley, CA 94702 (US). **LAL, Preeti** [IN/US]; 2382 Lass Drive, Santa Clara, CA 95054 (US). **BANDMAN, Olga** [US/US]; 366 Anna Avenue, Mountain View, CA 94043 (US). **REDDY, Roopa** [IN/US]; 1233 W. McKinley Drive, Sunnyvale, CA 94086 (US). **BAUGHN, Mariah, R.** [US/US]; 14244 Santiago Road, San Leandro, CA 94577 (US). **YUE, Henry** [US/US]; 826 Lois Avenue, Sunnyvale, CA 94087 (US). **HILLMAN, Jennifer, L.** [US/US]; 230 Monroe Drive #12, Mountain View, CA 94040 (US).

(74) **BILLINGS, Lucy, J.** et al. / etc.; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (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; 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 15/12, C07K 14/72, C12N 15/11, 15/62, C07K 19/00, 16/28, C12Q 1/68, G01N 33/50, 33/566**

(11) **WO 00/18923** (13) A2

(21) PCT/US99/22923

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/163,821 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SLGP PROTEIN AND NUCLEIC ACID MOLECULE AND USES THEREFOR
• PROTEINE ET NOUVELLE MOLECULE D'ACIDE NUCLEIQUE SLGP ET UTILISATIONS DE CELLES–CI

(63) US 09/163,821 (CIP) 30 Sep/sep 1998 (30.09.1998)

(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) **TSAI, Fong–Ying** [–/US]; 15 Montclair Road, Newton, MA 02168 (US).

(74) **MANDRAGOURAS, Amy, E.**; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US) et al. / etc.

(81) AU CA JP US; 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 15/12, 15/63, 15/86, C07K 14/435, 16/18, C12Q 1/68, C12N 1/21, C12P 21/02, A61K 38/17**

(11) **WO 00/18924** (13) A1

(21) PCT/US99/23004

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/155,247 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HUMAN SMALL PROLINE–RICH MOLECULE
• PETITE MOLECULE HUMAINE RICHE EN PROLINE

(63) US 60/155,247 (CIP) 30 Sep/sep 1998 (30.09.1998)

(71) **INCYTE PHARMACEUTICALS, INC.** [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **REDDY, Roopa** [IN/US]; 1233 W. McKinley Drive, Sunnyvale, CA 94086 (US). **GUEGLER, Karl, J.** [CH/US]; 1048 Oakland Avenue, Menlo Park, CA 94025 (US). **CORLEY, Neil, C.** [US/US]; 1240 Dale Avenue #30, Mountain View, CA 94040 (US). **BAUGHN, Mariah, R.** [US/US]; 14244 Santiago Road, San Leandro, CA 94577 (US).

(74) **BILLINGS, Lucy, J.** et al. / etc.; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (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; 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 15/12, C07K 14/47, 16/18, C12Q 1/68, A01K 67/027, A61K 38/17, G01N 33/53, 33/574**

(11) **WO 00/18925** (13) A1

(21) PCT/US99/23005

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,572 **30 Sep/sep 1998 (30.09.1998)** US

(30) 60/146,584 **28 Jul/juil 1999 (28.07.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • GENE EXPRESSED IN PROSTATE CANCER
• GENE EXPRIME DANS LE CANCER DE LA PROSTATE

(71) **UROGENESYS, INC.** [US/US]; 1701 Colorado Avenue, Santa Monica, CA 90404 (US).

(71, 72) **AFAR, Daniel, E.** [CA/US]; 17250 Sunset Boulevard, Pacific Palisades, CA 90272 (US). **HUBERT, Rene, S.** [US/US]; 1503 Westerly Terrace, Los Angeles, CA 90026 (US). **MITCHELL, Stephen, Chappell** [US/US]; 2417 1/2 4th Street, Santa Monica, CA 90405 (US).

(74) **SHARPLES, Kenneth, K.**; Law Office of Kenneth K. Sharples, Suite 202, 80 Fourth Street, P.O. Box 277, Point Reyes, CA 94956 (US).

(81) AT AT (Utility model / modèle d'utilité) AU BR CA CH CN DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB IL JP KR MX NO NZ RU SE SG; EA (AM AZ BY KG 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)[6] **C12N 15/29, A01H 5/10, 1/00**

(11) **WO 00/18926** (13) A1

(21) PCT/AU99/00823

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) PP 6175 **25 Sep/sep 1998** AU **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • USE OF BIFUNCTIONAL α–AMYLASE SUBTILISIN INHIBITOR PROMOTER SEQUENCE OF BARLEY TO CONFER EXPRESSION IN SEEDS
• UTILISATION D'UNE SEQUENCE PROMOTEUR INHIBITEUR BIFONCTIONNELLE D'α–AMYLASE SUBTILISINE DE L'ORGE POUR CONFERER UNE EXPRESSION DANS DES SEMENCES

(71) **THE UNIVERSITY OF QUEENSLAND** [AU/AU]; Research Road St. Lucia, QLD 4067 (AU). **SOUTHERN CROSS UNIVERSITY** [AU/AU]; 117 Macquarie Street, Sydney, NSW 2000 (AU). **GRAINS RESEARCH AND DEVELOPMENT CORPORATION** [AU/AU]; 1st floor, 40 Blackall Street, Barton, ACT 2600 (AU).
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(72, 75) **FURTADO, Agnelo** [AU/AU]; 7 Hyde Court, Upper Caboolture, QLD 4510 (AU). **HENRY, Robert, James** [AU/AU]; 89 Bundara Park Drive, Tuckombil, NSW 2477 (AU). **SCOTT, Kenneth, John** [AU/AU]; Lot No. 409, West Mount Cotton Road, Mount Cotton, QLD 4165 (AU).

(74) **ROBERTS, M., K.** et al. / etc.; Davies Collison Cave, 1 Little Collins Street, Melbourne, VIC 3000 (AU).

(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 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; 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 15/29, 15/82, A01H 5/00, 5/10, A23L 1/10**

(11) **WO 00/18927** (13) A1

(21) PCT/CA99/00870

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 2,248,396 **24 Sep/sep 1998** CA **(24.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IMPROVED STARCHY FLOURS
• AMELIORATIONS APPORTEES A DES FARINES D'AMIDON

(71) **UNIVERSITE LAVAL** [CA/CA]; Cité Universitaire, Quebec, Quebec G1K 7P4 (CA). **HER MAJESTY IN RIGHT OF CANADA as represented by THE MINISTER OF AGRICULTURE AND AGRI–FOOD CANADA** [CA/CA]; 2560, boulevard Hochelaga, Sainte–Foy, Quebec G1V 2J3 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BENMOUSSA, Mustapha** [CA/CA]; (CA). **YELLE, Serge** [CA/CA]; (CA). **SIMARD, Ronald** [CA/CA]; Food Technology Dept., FSAA, Université Laval, Cité Universitaire, Quebec, Quebec G1K 7P4 (CA). **VEZINA, Louis–P.** [CA/CA]; Centre de Recherche et de Développement sur les Sols et les Grandes Cultures Agriculture et Agro–alimentaire Canada, Sainte–Foy, Quebec G1V 2J3 (CA). **LABERGE, Serge** [CA/CA]; Centre de Recherche et de Développement sur les Sols et les Grandes Cultures Agriculture et Agro–alimentaire Canada, Sainte–Foy, Quebec G1V 2J3 (CA).

(74) **SECHLEY, Konrad, A.** et al. / etc.; Gowling, Strathy & Henderson, Suite 2600, 160 Elgin Street, Ottawa, Ontario K1P 1C3 (CA).

(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 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; 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 15/31, C07K 14/37, A01N 63/04**

(11) **WO 00/18928** (13) A1

(21) PCT/CA99/00884

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 09/160,246 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TREATMENT OF WILT DISEASES
• TRAITEMENT DES MALADIES DE FLETRISSURE

(71) **THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO** [CA/CA]; Simcoe Hall, 27 King's College Circle, Toronto, Ontario M5S 1A1 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HUBBES, Martin** [DE/CA]; 24 Roywood Drive, Toronto, Ontario M3A 2C6 (CA).

(74) **RAE, Patricia, A.**; Sim & McBurney, 6th floor, 330 University Avenue, Toronto, Ontario M5G 1R7 (CA).

(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 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; 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 15/45, 15/62, C07K 14/115, 14/12, 14/135, A61K 39/155, 39/165**

(11) **WO 00/18929** (13) A2

(21) PCT/EP99/07004

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) en (26) en

(30) 9820931.5 **25 Sep/sep 1998** GB **(25.09.1998)**

(30) 9906868.6 **24 Mar/mar 1999** GB **(24.03.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NOVEL COMPOUNDS
• NOUVEAUX COMPOSÉS

(71) **SMITHKLINE BEECHAM BIOLOGICALS S.A.** [BE/BE]; Rue de l'Institut 89, B–1330 Rixensart (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOLLEN, Alex** [BE/BE]; Université Libre de Bruxelles, Faculté des Sciences, Rue de l'Industrie 24, B–1440 Nivelles (BE). **HOUARD, Sophie** [BE/BE]; CRI – Centre de Recherches Industriel/ULB, Département de Biologie Moleculaire, Rue de l'Industrie 24, B–1400 Nivelles (BE).

(74) **PRIVETT, Kathryn, Louise**; Corporate Intellectual Property, SmithKline Beecham, Two New Horizons Court, Brentford, Middlesex TW8 9EP (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 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; 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 15/54, 15/82, A01H 5/00**

(11) **WO 00/18930** (13) A1

(21) PCT/GB99/03021

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 9820970.3 **25 Sep/sep 1998 (25.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PLANT PROMOTER
• PROMOTEUR DE PLANTE

(71) **ZENECA LIMITED** [GB/GB]; 15 Stanhope Gate, London W1Y 6LN (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ROBERTSON, Nicola, Mary** [GB/GB]; Zeneca Agrochemicals, Jealott's Hill Research Station, Bracknell, Berkshire RG42 6ET (GB). **PAINE, Jacqueline, Ann, Mary** [GB/GB]; Zeneca Agrochemicals, Jealott's Hill Research Station, Bracknell, Berkshire RG42 6ET (GB). **JEPSON, Ian** [GB/GB]; Zeneca Agrochemicals, Jealott's Hill Research Station, Bracknell, Berkshire RG42 6ET (GB).

(74) **KENT, Lindsey, Ruth** et al. / etc.; Zeneca Agrochemicals, Intellectual Property Dept., Jealott's Hill Research Station, P.O. Box 3538, Bracknell RG42 6YA (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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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)[6] **C12N 15/56, 9/24, C12P 19/00**

(11) **WO 00/18931** (13) A1

(21) PCT/JP99/05346

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) ja (26) ja

(30) 10/294675 **30 Sep/sep 1998 (30.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NOVEL ENZYME COMPOSITIONS, PROCESS FOR PRODUCING THE SAME AND UTILIZATION OF THE SAME
• NOUVELLES COMPOSITIONS D'ENZYMES, PROCEDE DE PRODUCTION DE CES COMPOSITIONS ET UTILISATION DE CES DERNIERES

(71) **AMANO PHARMACEUTICAL CO., LTD.** [JP/JP]; 2–7, Nishiki 1–chome, Naka–ku, Nagoya–shi, Aichi 460–0003 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **YAMAMOTO, Shigeru** [JP/JP]; Amano Pharmaceutical Co., Ltd., 2–7, Nishiki 1–chome, Naka–ku, Nagoya–shi, Aichi 460–0003 (JP). **OKADA, Masamichi** [JP/JP]; Amano Pharmaceutical Co., Ltd., 2–7, Nishiki 1–chome, Naka–ku, Nagoya–shi, Aichi 460–0003 (JP). **USUI, Taichi** [JP/JP]; Faculty of Agriculture, Shizuoka University, 836, Ohya, Shizuoka–shi, Shizuoka 422–8017 (JP). **SAKATA, Kanzo** [JP/JP]; Institute for Chemical Research, Kyoto University, Kanyuuchi, Gokashou, Uji–shi, Kyoto 611–011 (JP). **TOUMOTO, Atsuki** [JP/JP]; 10–17, Taikou 5–chome, Nakamura–ku, Nagoya–shi, Aichi 453–0801 (JP). **TSURUHAMI, Kazutaka** [JP/JP]; 52–103, Aza Kuramae, Oaza Okimura, Nishiharu–cho, Nishikasugai–gun, Aichi 481–0043 (JP).

(74) **HAGINO, Taira** et al. / etc.; Eikoh Patent Office, ARK Mori Building, 28th floor, 12–32, Akasaka 1–chome, Minato–ku, Tokyo 107–6028 (JP).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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; 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 15/62, C07K 14/715, C12N 15/12**

(11) **WO 00/18932** (13) A2

(21) PCT/US99/22045

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 60/101,858 **25 Sep/sep 1998 (25.09.1998)** US

(30) 09/313,942 **19 May/mai 1999 (19.05.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • RECEPTOR BASED ANTAGONISTS AND METHODS OF MAKING AND USING
• ANTAGONISTES A BASE DE RECEPTEURS, MODES D'ELABORATION ET D'UTILISATION

(71) **REGENERON PHARMACEUTICALS, INC.** [US/US]; 777 Old Saw Mill River Road, Tarrytown, NY 10591–6707 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **STAHL, Neil** [US/US]; RD #10, Kent Shore Drive, Carmel, NY 10512 (US). **YANCOPOULOS, George, D.** [US/US]; 1519 Baptist Church Road, Yorktown Heights, NY 10598 (US).

(74) **SORRENTINO, Joseph, M.**; Regeneron Pharmaceuticals, Inc., 777 Old Saw Mill River Road, Tarrytown, NY 10591 (US) et al. / etc.

(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; 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 15/63, 15/79, 15/11, 5/10, 15/09, A61K 48/00**

(11) **WO 00/18933** (13) A1

(21) PCT/US99/20508

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 09/164,034 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IMMUNOTHERAPY OF CANCER THROUGH EXPRESSION OF TRUNCATED TUMOR OR TUMOR–ASSOCIATED ANTIGEN
• IMMUNOTHERAPIE ANTICANCEREUSE PAR EXPRESSION D'UN ANTIGENE TRONQUE SPECIFIQUE D'UNE TUMEUR OU ASSOCIE A UNE TUMEUR

(63) US 09/164,034 (CIP) 30 Sep/sep 1998 (30.09.1998)

(71) **AMERICAN FOUNDATION FOR BIOLOGICAL RESEARCH, INC.** [US/US]; 12111 Parklawn Drive, Rockville, MD 20852 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **MINCHEFF, Milcho, S.** [BG/US]; 7518 Indian Hills Drive, Rockville, MD 20855 (US). **LOUKINOV, Dmitri, I.** [UA/US]; 12822 Sage Terrace, Germantown, MD 20874 (US). **ZOUBAK, Serguei** [UA/US]; 18612 Bay Leaf Way, Germantown, MD 20874 (US).

(74) **RAMSEY, William, S.** et al. / etc.; Pepper Hamilton LLP, 600 Fourteenth Street, N.W., Washington, DC 20005–2004 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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 15/67, 15/61, 9/90**

(11) **WO 00/18934** (13) A1

(21) PCT/IB99/01669

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 9821198.0 **30 Sep/sep 1998 (30.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PEPTIDYL PROLYL CIS–TRANS ISOMERASES
• PEPTIDYL–PROLYL–CIS–TRANS–ISOMERASES

(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) **DERKX, Patrick, M., F.** [NL/DK]; Biens Alle 22, DK–2300 Copenhagen (DK). **MADRID, Susan, M.** [DK/DK]; Ellefolden 7, DK–2950 Vedbaek (DK).

(74) **MASCHIO, Antonio** et al. / etc.; D Young & Co, 21 New Fetter Lane, London EC4A 1DA (GB).

(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; 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 15/67, 15/52, C12P 13/04, 13/14, 19/38, C12N 9/02, 9/10, 1/21**

(11) **WO 00/18935** (13) A1

(21) PCT/JP99/05175

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) ja (26) ja

(30) 10/271786 **25 Sep/sep 1998 (25.09.1998)** JP

(30) 10/271787 **25 Sep/sep 1998 (25.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS FOR CONSTRUCTING AMINO ACID–PRODUCING BACTERIUM AND PROCESS FOR PRODUCING AMINO ACID BY FERMENTATION METHOD WITH THE USE OF THE THUS CONSTRUCTED AMINO ACID–PRODUCING BACTERIUM
• PROCEDE DE CONSTRUCTION D'UNE BACTERIE PRODUISANT DES ACIDES AMINES, ET PROCEDE DE PRODUCTION D'ACIDES AMINES PAR UNE TECHNIQUE DE FERMENTATION UTILISANT LADITE BACTERIE

(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) **ASAKURA, Yoko** [JP/JP]; Fermentation & Technology Laboratories, Ajinomoto Co., Inc., 1–1,Suzuki–cho, Kawasaki–ku,Kawasaki–shi, Kanagawa 210–0801 (JP). **NAKAMURA, Jun** [JP/JP]; Fermentation & Technology Laboratories, Ajinomoto Co., Inc., 1–1,Suzuki–cho, Kawasaki–ku,Kawasaki–shi, Kanagawa 210–0801 (JP). **KANNO, Sohei** [JP/JP]; Fermentation & Technology Laboratories, Ajinomoto Co., Inc., 1–1,Suzuki–cho, Kawasaki–ku,Kawasaki–shi, Kanagawa 210–0801 (JP). **SUGA, Mikiko** [JP/JP]; Fermentation & Technology Laboratories, Ajinomoto Co., Inc., 1–1,Suzuki–cho, Kawasaki–ku,Kawasaki–shi, Kanagawa 210–0801 (JP). **KIMURA, Eiichiro** [JP/JP]; Fermentation & Technology Laboratories, Ajinomoto Co., Inc., 1–1,Suzuki–cho, Kawasaki–ku,Kawasaki–shi, Kanagawa 210–0801 (JP). **ITO, Hisao** [JP/JP]; Fermentation & Technology Laboratories, Ajinomoto Co., Inc., 1–1,Suzuki–cho, Kawasaki–ku,Kawasaki–shi, Kanagawa 210–0801 (JP). **MATSUI, Kazuhiko** [JP/JP]; Fermentation & Technology Laboratories, Ajinomoto Co., Inc., 1–1,Suzuki–cho, Kawasaki–ku,Kawasaki–shi, Kanagawa 210–0801 (JP). **OHSUMI, Tsuyoshi** [JP/JP]; Ajinomoto Co., Inc., 15–1,Kyobashi 1–chome, Chuo–ku, Tokyo 104–0031 (JP). **NAKAMATSU, Tsuyoshi** [JP/JP]; Fermentation & Technology Laboratories, Ajinomoto Co., Inc., 1–1,Suzuki–cho, Kawasaki–ku, Kawasaki–shi, Kanagawa 210–0801 (JP). **KURAHASHI, Osamu** [JP/JP]; Fermentation & Technology 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 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 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; 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 15/82, 9/10, 5/10, 1/21, C12Q 1/68, G01N 33/50, A01H 5/00**

(11) **WO 00/18936** (13) A1

(21) PCT/US98/20501

(22) **30 Sep/sep 1998 (30.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SOYBEAN GLUTATHIONE–S–TRANSFERASE ENZYMES
• ENZYMES DE GLUTATHIONE–S–TRANSFERASE ISSUES DU SOJA

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) **MCGONIGLE, Brian**; Apartment 1C, 1405 Delaware Avenue, Wilmington, DE 19806 (US). **O'KEEFE, Daniel, P.**; 328 Shaw Road, Ridley Park, PA 19078 (US).

(74) **KING, Karen, K.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GD GE HR HU ID IL IS JP KG KP KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA UZ VN YU; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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 15/82, 9/10, 5/10, 1/21, C12Q 1/68, G01N 33/50, A01H 5/00**

(11) **WO 00/18937** (13) A1

(21) PCT/US98/20502

(22) **30 Sep/sep 1998 (30.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MAIZE GLUTATHIONE–S–TRANSFERASE ENZYMES
• ENZYMES DE GLUTATHIONE–S–TRANSFERASE ISSUES DU MAIS

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) **MCGONIGLE, Brian**; Apartment 1C, 1405 Delaware Avenue, Wilmington, DE 19806 (US). **O'KEEFE, Daniel, P.**; 328 Shaw Road, Ridley Park, PA 19078 (US).

(74) **KING, Karen, K.**; E.I. Du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GD GE HR HU ID IL IS JP KG KP KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA UZ VN YU; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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 15/82, 5/10, A01H 5/00, 5/10**

(11) **WO 00/18938** (13) A1

(21) PCT/US99/22308

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 60/102,288 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MAR/SAR ELEMENTS FLANKING RSYN7–DRIVEN CONSTRUCT
• ELEMENTS MAR/SAR FLANQUANT UNE CONSTRUCTION DICTEE PAR RSYN7

(71) **PIONEER HI–BRED INTERNATIONAL, INC.** [US/US]; 800 Capital Square, 400 Locust Street, Des Moines, IA 50319 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRUCE, Wesley, B.** [US/US]; 4625 96th Street, Urbandale, IA 50322 (US).

(74) **SPRUILL, W., Murray** et al. / etc.; Alston & Bird LLP, P.O. Drawer 34009, Charlotte, NC 28234–4009 (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 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; 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 15/82**

(11) **WO 00/18939** (13) A1

(21) PCT/US99/22379

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 60/102,638 **1 Oct/oct 1998** US **(01.10.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD OF PLANT TRANSFORMATION
• PROCEDE DE TRANSFORMATION DE VEGETAUX

(71) **PIONEER HI–BRED INTERNATIONAL, INC.** [US/US]; 800 Capital Square, 400 Locust Street, Des Moines, IA 50319 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BIDNEY, Dennis, L.** [US/US]; 8385 Plum Drive, Urbandale, IA 50310 (US). **SCELONGE, Christopher, Jay** [US/US]; 5314 Ovid Avenue, Des Moines, IA 50310 (US).

(74) **SPRUILL, W., Murray** et al. / etc.; Alston & Bird LLP, P.O. Drawer 34009, Charlotte, NC 28234–4009 (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 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; 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)[6] **C12N 15/82, 15/29, 5/10, A01H 5/00, C07K 14/415**

(11) **WO 00/18940** (13) A1

(21) PCT/US99/22403

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 60/101,992 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PLANTS AND PLANTS CELLS ENCODING THE WILD TYPE COP1 GENE AND THE COIL DOMAIN THEREOF
• VEGETAUX ET CELLULES VEGETALES CODANT POUR LE GENE COP1 DE TYPE SAUVAGE ET POUR LE DOMAINE COIL DE CELUI–CI

(71) **YALE UNIVERSITY** [US/US]; 451 College Street, New Haven, CT 06520 (US).

(72) **DENG, Xing, Wang**; 90 Brookhill Road, Hamden, CT 06518 (US). **MCNELLIS, Timothy**; 2750 Dwight Way, Apt. 9, Berkeley, CA 94704–3156 (US). **TORII, Keiko**; 4838 Lakeridge Drive, Apt. 1B, Yosilanti, MI 48109–1048 (US).

(74) **ADLER, Reid, G.**; Morgan, Lewis & Bockius LLP, 1800 M Street, N.W., Washington, DC 20036–5869 (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 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; 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 15/85, 5/10**

(11) **WO 00/18941** (13) A1

(21) PCT/GB99/03227

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 9821193.1 **30 Sep/sep 1998** GB **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MAMMALIAN ARTIFICIAL CHROMOSOMES AND USES THEREOF
• CHROMOSOMES ARTIFICIELS DE MAMMIFERE ET LEURS APPLICATIONS

(71) **MEDICAL RESEARCH COUNCIL** [GB/GB]; 20 Park Crescent, London W1N 4AL (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COOKE, Howard, John** [GB/GB]; MRC Human Genetics Unit, Western General Hospital, Edinburgh EH4 2XU (GB). **EBERSOLE, Thomas, Andrew** [US/GB]; MRC Human Genetics Unit, Western General Hospital, Edinburgh EH4 2XU (GB). **GRIMES, Brenda** [GB/GB]; MRC Human Genetics Unit, Western General Hospital, Edinburgh EH4 2XU (GB).

(74) **WALTON, Seán, M.** et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, London WC2B 6HP (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 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; 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] **C12P 7/42**

(11) **WO 00/18942** (13) A1

(21) PCT/US99/16384

(22) **20 Jul/juil 1999 (20.07.1999)**

(25) en (26) en

(30) 09/161,129 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR INCREASING TOTAL PRODUCTION OF 4–HYDROXYBENZOIC ACID BY BIOFERMENTATION USING AN ANION EXCHANGE RESIN
• PROCEDE D'AUGMENTATION DE LA PRODUCTION TOTALE D'ACIDE 4–HYDROXYBENZOIQUE PAR BIOFERMENTATION, AU MOYEN D'UNE RESINE ECHANGEUSE D'IONS

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **JOHNSON, Bruce, Fletcher**; 36 Irving Road, Scotia, NY 12302 (US). **AMARATUNGA, Mohan**; 6 Hampton, London Square, Clifton Park, NY 12065 (US). **LOBOS, John, Henry**; 33 Glen Street, Ballston Spa, NY 12020 (US).

(74) **SNYDER, Bernard** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) JP SG; 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] **C12P 7/42, C12N 1/21, 15/01, 15/70, 15/60, 15/31 // (C12P 7/42, C12R 1:19)**

(11) **WO 00/18943** (13) A1

(21) PCT/US99/16438

(22) **20 Jul/juil 1999 (20.07.1999)**

(25) en (26) en

(30) 09/161,364 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • GENETICALLY ENGINEERED MICROORGANISMS AND METHOD FOR PRODUCING 4–HYDROXYBENZOIC ACID
• MICRO–ORGANISMES MANIPULES GENETIQUEMENT ET PROCEDE DE PRODUCTION D'ACIDE 4–HYDROXYBENZOIQUE

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **AMARATUNGA, Mohan**; 6 Hampton, London Square, Clifton Park, NY 12065 (US). **LOBOS, John, Henry**; 33 Glen Street, Ballston Spa, NY 12020 (US). **JOHNSON, Bruce, Fletcher**; 36 Irving Road, Scotia, NY 12302 (US). **WILLIAMS, Eric, Douglas**; 1218 Summer Avenue, Schenectady, NY 12309 (US).

(74) **SNYDER, Bernard** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) JP SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **C12P 7/64, A23D 9/00, A23K 1/00**

(11) **WO 00/18944** (13) A1

(21) PCT/US99/22126

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 09/160,416 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TRIACYLGLYCEROLS OF ENRICHED CLA CONTENT
• TRIACYLGLYCEROLS ENRICHIS EN ACIDES LINOLEIQUES CONJUGUES (CLA)

(71) **CONLINCO, INC.** [US/US]; Suite 308, 211 W. Holmes Street, Detroit Lakes, MN 56501 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HARALDSSON, Gudmundur, G.** [IS/IS]; Klyfjasel 14, IS–109, Reykjavik (IS). **SAEBO, Asgeir** [NO/NO]; N–6037 Eidsnes (NO). **SKARIE, Carl** [US/US]; Route 3, P.O. Box 347, Detroit Lakes, MN 56501 (US). **JEROME, Daria** [US/US]; P.O. Box 1462, Detroit Lakes, MN 56502 (US).

(74) **JONES, J., Mitchell** et al. / etc.; Medlen & Carroll, LLP, Suite 2200, 220 Montgomery Street, San Francisco, CA 94104 (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 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; 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] **C12P 9/00**

(11) **WO 00/18945** (13) A1

(21) PCT/US99/22826

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,700 **1 Oct/oct 1998** US **(01.10.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TRANSPHOSPHATIDYLATION CATALIZED BY PHOSPHOLIPASE D IN ANHYDROUS ORGANIC SOLVENTS IN THE PRESENCE OF ION–EXCHANGE RESIN
• TRANSPHOSPHATIDYLATION CATALYSEE PAR LA PHOSPHOLIPASE D DANS DES SOLVANTS ORGANIQUES ANHYDRES EN PRESENCE DE RESINE ECHANGEUSE D'IONS

(71) **ENZYMED, INC.** [US/US]; Suite C–150, 2501 Crosspark Road, Iowa CIty, IA 52242 (US).

(72) **RICH, Joseph, O.**; 12 Oak Park Place NE, Iowa City, IA 52240 (US). **KHMELNITSKY, Yuri, L.**; 1532 Forest Road, Johnson County, Iowa City, IA 52241 (US).

(74) **LEVY, Mark, P.** et al. / etc.; Thompson, Hine & Flory LLP, 2000 Courthouse Plaza NE, P.O. Box 8801, Dayton, OH 45401–8801 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR 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; 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)[6] **C12P 17/10**

(11) **WO 00/18946** (13) A1

(21) PCT/JP99/03754

(22) **12 Jul/juil 1999 (12.07.1999)**

(25) ja (26) ja

(30) 10/277868 **30 Sep/sep 1998** JP **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS FOR PRODUCING OPTICALLY ACTIVE TROPINONE MONOCARBOXYLIC ACID DERIVATIVE
• PROCEDE DE PRODUCTION D'UN DERIVE D'ACIDE TROPINONE–MONOCARBOXYLIQUE OPTIQUEMENT ACTIF

(71) **NIHON MEDI–PHYSICS CO., LTD.** [JP/JP]; 9–8, Rokutanjicho, Nishinomiya–shi, Hyogo 662–0918 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NODE, Manabu** [JP/JP]; 10–19, Kuzuhanamiki 1–chome, Hirakata–shi, Osaka 573–1118 (JP). **NAKAMURA, Soichi** [JP/JP]; Nihon Medi–physics Kabushiki Kaisha Chibaryo 1205, 98, Daijuku, Sodegaura–shi, Chiba 299–0241 (JP). **NAKAMURA, Daisaku** [JP/JP]; 135, Iriyamazu, Ichihara–shi, Chiba 299–0115 (JP).

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

(81) CA JP KR NO US; 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] **C12P 17/18, A61K 31/43, C12N 1/20, C07D 503/00**

(11) **WO 00/18947** (13) A1

(21) PCT/EP99/07390

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 98203314.4 **29 Sep/sep 1998** EP **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FERMENTATION OF CLAVULANIC ACID AT A CONTROLLED LEVEL OF AMMONIA
• FERMENTATION D'ACIDE CLAVULANIQUE A UN NIVEAU REGULE D'AMMONIAC

(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) **VISSER–LUIRINK, Gesina** [NL/NL]; Frans Halsstraat 19 hs, NL–1072 BJ Amsterdam (NL). **DE LAAT, Wilhelmus, Theodorus, Antonius, Maria** [NL/NL]; Loopschansstraat 54, NL–4817 KW Breda (NL). **KLOP, Jeroen, Martijn** [NL/NL]; Aart van der Leeuwlaan 67, NL–2624 PL Delft (NL).

(74) **VISSER–LUIRINK, Gesina**; DSM Patents & Trademarks, Office Delft (994–0760), Wateringseweg 1, P.O. Box 1, NL–2600 MA Delft (NL).

(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 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; 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)[6] **C12P 19/06, B01F 3/04**

(11) **WO 00/18948** (13) A1

(21) PCT/US99/22341

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/162,088 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MIXER SYSTEMS
• SYSTEMES DE MELANGE

(71) **THE PENN STATE RESEARCH FOUNDATION** [US/US]; 304 Old Main, State College, PA 16802 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MCWHIRTER, John** [US/US]; 101 Aspen Drive, Boalsburg, PA 16827 (US). **DOMINIK, Bradley** [US/US]; 4773 Caminito Canor, San Diego, CA 92130 (US). **BALAN, Prakash** [US/US]; 1 Collins Drive, Wilmington, DE 19803 (US).

(74) **MONAHAN, Thomas, J.**; Intellectual Property Office, 113 Technology Center, University Park, PA 16802 (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 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; 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] **C12Q**

(11) **WO 00/18949** (13) A2

(21) PCT/US99/22594

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,482 **30 Sep/sep 1998 (30.09.1998)** US

(30) 09/396,296 **15 Sep/sep 1999 (15.09.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DELIVERY OF PHOSPHOINOSITIDE POLYPHOSPHATES INTO CELLS
• ADMINISTRATION DE POLYPHOSPHATES PHOSPHOINOSITIDES DANS LES CELLULES

(71) **UNIVERSITY OF UTAH RESEARCH FOUNDATION** [US/US]; 210 Park Building, Salt Lake City, UT 84112 (US). **UTAH STATE UNIVERSITY** [US/US]; Suite 120, 1770 North Research Park Way, North Logan, UT 84341 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PRESTWICH, Glenn, D.** [US/US]; 1500 Sunnydale Lane, Salt Lake City, UT 84108 (US). **OZAKI, Shoichiro** [JP/US]; 1580 South 2300 East, Salt Lake City, UT 84108 (US). **DEWALD, Daryll, B.** [US/US]; 2709 North 270 East, Logan, UT 84341–5746 (US). **SHOPE, Joseph** [US/US]; 393 West 300 North, Logan, UT 84321–3811 (US).

(74) **PERRYMAN, David, G.**; Needle & Rosenberg, P.C., 127 Peachtree Street, N.E., Suite 1200, The Candler Building, Atlanta, GA 30303–1811 (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; 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] **C12Q 1/00**

(11) **WO 00/18950** (13) A2

(21) PCT/US99/21365

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 60/101,802 **25 Sep/sep 1998 (25.09.1998)** US

(30) 60/114,720 **30 Dec/déc 1998 (30.12.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HIGH THROUGHPUT ASSAY METHOD FOR ENZYMES WHICH METABOLICALLY HYDROLYZE NUCLEOSIDE TRIPHOSPHATES AND AN ASSAY SYSTEM THEREFOR
• PROCEDE D'ANALYSE HAUT RENDEMENT POUR ENZYMES HYDROLYSANT METABOLIQUEMENT DES TRIPHOSPHATES NUCLEOSIDIQUES ET SYSTEME D'ANALYSE UTILISANT CE PROCEDE

(71) **DIAGNON CORPORATION** [US/US]; 9600 Medical Center Drive, Rockville, MD 20850–3336 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WELCH, Anthony, R.** [US/US]; 9600 Medical Center Drive, Rockville, MD 20850–3336 (US).

(74) **WEINER, Marc, S.** et al. / etc.; Birch, Stewart, Kolasch & Birch, LLP, P.O. Box 747, Falls Church, VA 22040–0747 (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 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; 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] **C12Q 1/18, 1/02**

(11) **WO 00/18951** (13) A1

(21) PCT/US99/22361

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/101,778 **25 Sep/sep 1998 (25.09.1998)** US

(30) 60/109,905 **25 Nov/nov 1998 (25.11.1998)** US

(30) 60/143,485 **12 Jul/juil 1999 (12.07.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IDENTIFICATION OF NOVEL ANTIMICROBIAL AGENTS USING MEMBRANE POTENTIAL INDICATOR DYES
• IDENTIFICATION DE NOUVEAUX AGENTS ANTIMICROBIENS AU MOYEN DE COLORANTS INDICATEURS DE POTENTIEL DE MEMBRANE

(71) **XOMA TECHNOLOGY LTD.** [–/US]; A Bermuda Company, 2910 Seventh Street, Berkeley, CA 94710 (US).
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(72, 75) **LITTLE, Roger, G., II** [US/US]; 620 Rose Drive, Benicia, CA 94510 (US). **ABRAHAMSON, Susan** [US/US]; 955 Cornell Avenue, Alameda, CA 94706 (US). **WONG, Peter** [US/US]; 2605 Ellsworth Street #3, Alameda, CA 94706 (US).

(74) **RIN–LAURES, Li–Hsien**; Marshall, O'Toole, Gerstein, Murray & Borun, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606–6402 (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 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; 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] **C12Q 1/18, G01N 33/94, C07K 14/315, 14/32**

(11) **WO 00/18952** (13) A1

(21) PCT/US99/22666

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/163,446 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • USE OF S–YDCB AND B–YDCB, ESSENTIAL BACTERIAL GENES
• UTILISATION DE S–YDCB ET B–YDCB, GENES BACTERIENS ESSENTIELS

(71) **MILLENNIUM PHARMACEUTICALS, INC.** [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US).
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(72, 75) **FRITZ, Christian** [DE/US]; 14 Broads Avenue, Natick, MA 01760 (US). **YOUNGMAN, Philip** [US/US]; 92 Charles Street #53, Boston, MA 02139 (US). **GUZMAN, Luz–Maria** [MX/US]; 52 Athol Street, Boston, MA 02134 (US).

(74) **ELLISON, Eldora, L.**; Fish & Richardson P.C., 601 Thirteenth Street, N.W., Washington, DC 20005 (US) et al. / etc.

(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 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 ZW; 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] **C12Q 1/66**

(11) **WO 00/18953** (13) A1

(21) PCT/NL99/00606

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) nl (26) en

(30) 1010224 **30 Sep/sep 1998** NL **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR DETECTING ATP
• METHODE DE DETECTION D'ADENOSINE–TRIPHOSPHATE (ATP)

(71) **PACKARD BIOSCIENCE B.V.** [NL/NL]; Ulgersmaweg 47, NL–9731 BK Groningen (NL).
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(72, 75) **VAN LUNE, Harry** [NL/NL]; Framaheerd 18, NL–9737 NL Groningen (NL). **TER WIEL, Jan** [NL/NL]; Molenweg 47, NL–9919 AG Loppersum (NL).

(74) **OTTEVANGERS, S., U.**; Vereenigde Octrooibureaux, Nieuwe Parklaan 97, NL–2587 BN The Hague (NL).

(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 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; 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] **C12Q 1/68**

(11) **WO 00/18954** (13) A2

(21) PCT/CA99/00895

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 2,245,903 **28 Sep/sep 1998** CA **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • USE OF *PEX* IN THE TREATMENT OF METABOLIC BONE DISEASES
• UTILISATION DE *PEX* DANS LE TRAITEMENT DE MALADIES METABOLIQUES DES OS

(71) **McGILL UNIVERSITY** [CA/CA]; Office of Technology Transfer, 845 Sherbrooke Street West, Montréal, Québec H3A 2T5 (CA).
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(72, 75) **KARAPLIS, Andrew, C.** [CA/CA]; 95 Meaney, Kirkland, Québec H9J 3V6 (CA). **GOLTZMAN, David** [CA/CA]; 667 Belmont, Westmount, Québec H3Y 2W3 (CA). **LIPMAN, Mark, L.** [CA/CA]; 2258 Fulton Road, Town of Mount Royal, Québec H3R 2L4 (CA). **HENDERSON, Janet, E.** [CA/CA]; 70 Woseley, Montreal West, Québec H4X 1V7 (CA).

(74) **COTE, France** et al. / etc.; Swabey Ogilvy Renault, Suite 1600, 1981 McGill College Avenue, Montréal, Québec H3A 2Y3 (CA).

(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 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; 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)[6] **C12Q 1/68**

(11) **WO 00/18955** (13) A1

(21) PCT/EP98/06146

(22) **28 Sep/sep 1998 (28.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NOVEL METHOD FOR THE PRESELECTION OF SHOTGUN CLONES OF A GENOME OR A PORTION THEREOF OF AN ORGANISM
• NOUVELLE METHODE DE PRESELECTION DE CLONES EN AVEUGLE DU GENOME OU D'UNE PARTIE DE CELUI–CI D'UN ORGANISME

(71) **MAX–PLANCK–GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V.** [DE/DE]; D–Berlin (DE). **DEUTSCHES KREBSFORSCHUNGSZENTRUM** [DE/DE]; Stiftung des öffentlichen Rechts, Im Neuenheimer Feld 280, D–69120 Heidelberg (DE).
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(72, 75) **RADELOF, Uwe** [DE/DE]; Zehlendorfer Damm 184b, D–14532 Kleinmachnow (DE). **LEHRACH, Hans** [AT/DE]; Lützelsteiner Weg 50, B–14195 Berlin (DE). **HENNING, Steffen** [DE/DE]; Görlitzer Strasse 60, D–10997 Berlin (DE). **STEINFATH, Matthias** [DE/DE]; Waldstrasse 54, D–10551 Berlin (DE). **FRANCIS, Fiona** [GB/FR]; 13, avenue de Saint–Mande, F–75012 Paris (FR). **POUSTKA, Annemarie** [AT/DE]; Werderstrasse 36, D–69120 Heidelberg (DE). **SERANSKI, Peter** [DE/DE]; Humboldtstrasse 28, D–69120 Heidelberg (DE). **CAHILL, Dolores** [IE/DE]; Lützelsteiner Weg 28, D–14195 Berlin (DE).

(74) **VOSSIUS & PARTNER**; Postfach 86 07 67, D–81634 München (DE).

(81) DE (Utility model / modèle d'utilité) JP US; 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] **C12Q 1/68**

(11) **WO 00/18956** (13) A1

(21) PCT/EP99/07209

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) de (26) de

(30) 198 44 931.3 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR DNA– OR RNA–SEQUENCING
• PROCEDE POUR LA DETERMINATION DE SEQUENCES D'ADN ET D'ARN

(71, 72) **SEEGER, Stefan** [DE/DE]; Johann–Wolfgang–von–Goethe–Strasse 2, D–93077 Bad Abbach a.d. Donau (DE).

(74) **KINDLER, Matthias** et al. / etc.; Hoffmann . Eitle, Arabellastrasse 4, D–81925 München (DE).

(81) AU CA CN JP US; 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] **C12Q 1/68**

(11) **WO 00/18957** (13) A1

(21) PCT/GB99/03248

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 98307985.6 **30 Sep/sep 1998 (30.09.1998)** EP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHODS OF NUCLEIC ACID AMPLIFICATION AND SEQUENCING
• PROCEDES D'AMPLIFICATION ET DE SEQUENÇAGE D'ACIDE NUCLEIQUE

(71) **APPLIED RESEARCH SYSTEMS ARS HOLDING N.V.** [NL/NL]; 14 John B. Gorsiraweg, Curacao (AN).
(for all designated States except / pour tous les États désignés sauf US)

(71) **DZIEGLEWSKA, Hanna** [GB/GB]; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).
(only for / seulement pour GB)

(72, 75) **ADESSI, Céline** [FR/FR]; 8, rue du Jura, F–74100 Ambilly (FR). **KAWASHIMA, Eric** [US/CH]; 7, route de Lausanne, CH–1260 Nyon (CH). **MAYER, Pascal** [FR/FR]; Chemin du Ney, F–01200 Eloise (FR). **MERMOD, Jean–Jacques** [CH/CH]; 2, rue Maurice Barraud, CH–1206 Geneva (CH). **TURCATTI, Gerardo** [IT/CH]; 17, rue Dr. Alfred Vincent, CH–1201 Geneva (CH).

(74) **DZIEGLEWSKA, Hanna** et al. / etc.; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

(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 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; 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] **C12Q 1/68**

(11) **WO 00/18958** (13) A2

(21) PCT/SG98/00077

(22) **29 Sep/sep 1998 (29.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AN *IN VITRO* ACTIVITY ASSAY FOR HUMAN HEPATITS B VIRUS (HBV) DNA POLYMERASE, THE USE OF SUCH AN ASSAY TO ASSAY ACTIVITY OF VARIOUS SERUM SAMPLES AND TO SCREEN FOR INHIBITORS OF THE HBV DNA POLYMERASE AND A METHOD OF PRODUCING HBV DNA POLYMERASE
• ESSAI *IN VITRO* DE DOSAGE DE L'ACTIVITE DE L'ADN–POLYMERASE DU VIRUS DE L'HEPATITE B (VHB) HUMAIN, UTILISATION DE CET ESSAI POUR DOSER L'ACTIVITE DE DIVERS ECHANTILLONS DE SERUM ET POUR CRIBLER LES INHIBITEURS DE L'ADN–POLYMERASE DU VHB ET PROCEDE DE PRODUCTION D'ADN–POLYMERASE DE VHB

(71) **GOVERNMENT OF THE REPUBLIC OF SINGAPORE** [SG/SG]; Ministry of Health, College of Medicine Building, 16 College Road, Singapore 169854 (SG).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OON, Chong, Jin** [SG/SG]; Principal Investigator, Ministry of Health, Dept. of Clinical Research, 14A Princess of Wales Road, Singapore 228510 (SG). **CHEN, Wei, Ning** [SG/SG]; Senior Research Scientist, Ransome Research Laboratory, Dept. of Clinical Research, Ministry of Health, Block 104, Spottiswoode Park Road #22–114, Singapore 080104 (SG). **LIM, Gek, Keow** [SG/SG]; Senior Medical Technologist, Ransome Research Laboratory, Dept. of Clinical Research, Ministry of Health, 16 Telok Kurau, Lorong G, Singapore 426180 (SG). **LEONG, Ai, Lin** [SG/SG]; Laboratory Technician, Ransome Research Laboratory, Dept. of Clinical Research, Ministry of Health, Block 263, Yishun Street 22 #12–161, Singapore 760263 (SG).

(74) **ALLEN & GLEDHILL**; 36 Robinson Road, #18–01 City House, Singapore 068877 (SG).

(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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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] **C12Q 1/68, C07H 21/04, A61K 48/00, C12N 15/00, 15/85**

(11) **WO 00/18959** (13) A1

(21) PCT/US99/21654

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 09/156,191 **17 Sep/sep 1998 (17.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TREX, A NOVEL GENE OF TRAF–INTERACTING EXT GENE FAMILY AND DIAGNOSTIC AND THERAPEUTIC USES THEREOF
• TREX NOUVEAU GENE DE LA FAMILLE DU GENE EXT A INTERACTION AVEC TRAF ET SES UTILISATIONS DIAGNOSTIQUES ET THERAPEUTIQUES

(63) US 09/156,191 (CIP)
17 Sep/sep 1998 (17.09.1998)

(71) **THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK** [US/US]; West 116th Street and Broadway, New York, NY 10027 (US).
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(72, 75) **SATO, Taka–Aki** [US/US]; Apartment 8P, 1275 15th Street, Fort Lee, NJ 07024 (US).

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

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR 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 TZ UA UG US UZ VN YU ZA ZW; 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] **C12Q 1/68, G06F 17/30**

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(21) PCT/US99/22283

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/101,757 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHODS AND PRODUCTS RELATED TO GENOTYPING AND DNA ANALYSIS
• PROCEDES ET PRODUITS ASSOCIES A LA DETERMINATION D'UN GENOTYPE ET A L'ANALYSE DE L'ADN

(71) **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).

(72) **LANDERS, John, E.**; 77 Massachusettts Avenue, Cambridge, MA 02139 (US). **JORDAN, Barbara**; 77 Massachusetts Avenue, Cambridge, MA 02139 (US). **HOUSMAN, David, E.**; 77 Massachusetts Avenue, Cambridge, MA 02139 (US). **CHAREST, Alain**; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).

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

(81) AU CA IL IS JP NO; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)[7] **C12Q 1/68, C07K 14/47**

(11) **WO 00/18961** (13) A2

(21) PCT/US99/22535

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/164,159 **30 Sep/sep 1998 (30.09.1998)** US

(30) 09/163,759 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • EXPRESSION ANALYSIS OF SPECIFIC NUCLEIC ACIDS AND POLYPEPTIDES USEFUL IN THE DIAGNOSIS AND TREATMENT OF PROSTATE CANCER
• ANALYSE DE L'EXPRESSION D'ACIDES NUCLEIQUES ET DE POLYPEPTIDES SPECIFIQUES UTILES POUR LE DIAGNOSTIC ET LE TRAITEMENT DU CANCER DE LA PROSTATE

(63) US 09/164,159 (CON) 30 Sep/sep 1998 (30.09.1998)
US 09/163,759 (CON) 30 Sep/sep 1998 (30.09.1998)

(71) **MILLENNIUM PHARMACEUTICALS, INC.** [US/US]; 640 Memorial Drive, Cambridge, MA 02139 (US).
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(72, 75) **MACBETH, Kyle, J.** [US/US]; 688 Tremont Street, #4, Boston, MA 02118 (US). **SHYJAN, Andrew, W.** [US/US]; 25 Baker Road, Nahant, MA 01908 (US).

(74) **MEIKLEJOHN, Anita, L.**; Fish & Richardson, P.C., 225 Franklin Street, Boston, MA 02110–2804 (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; 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] **C12Q 1/68, G01N 33/58**

(11) **WO 00/18962** (13) A1

(21) PCT/US99/22584

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 60/102,577 **30 Sep/sep 1998 (30.09.1998)** US

(30) 09/276,774 **25 Mar/mar 1999 (25.03.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHODS AND COMPOSITIONS FOR AMPLIFYING DETECTABLE SIGNALS IN SPECIFIC BINDING ASSAYS
• PROCEDES ET COMPOSITIONS POUR AMPLIFICATION DDE SIGNAUX DETECTABLES DANS CERTAINES ANALYSES PAR LIAISON

(71) **AFFYMETRIX, INC.** [US/US]; 3380 Central Expressway, Santa Clara, CA 95051 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GOLDBERG, Martin, J.** [US/US]; 12325 Scully Avenue, Saratoga, CA 95070 (US). **YELAGALAWADI, Govinda, Rao, S.** [IN/US]; 4204 Latimer Avenue, San Jose, CA 95130 (US). **TANIMOTO, Eugene, Yuji** [US/US]; Apartment 23, 19 Coleman Place, Menlo Park, CA 94025 (US). **TRAN, Huu, Minh** [US/US]; 1148 Edsel Drive, #3, Milpitas, CA 95035 (US). **DONG, Helin** [CN/US]; 436 High Street, #303, Palo Alto, CA 94301 (US). **LOCKHART, David, J.** [US/US]; 610 Mountain View Avenue, Mountain View, CA 94041 (US). **RYDER, Thomas, B.** [US/US]; 100 Spring Street, Los Gatos, CA 95030 (US). **WARRINGTON, Janet, A.** [US/US]; 1656 Christina Drive, Los Altos, CA 94024 (US). **BEECHER, Jody** [US/US]; 1919 Kirkland Avenue, San Jose, CA 95125 (US).

(74) **JOHNSTON, Madeline, I.** et al. / etc.; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304–1018 (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 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; 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] **C12Q 1/68, C12N 15/82, A01H 5/00**

(11) **WO 00/18963** (13) A1

(21) PCT/US99/22675

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,662 **1 Oct/oct 1998 (01.10.1998)** US

(30) 60/127,627 **1 Apr/avr 1999 (01.04.1999)** US

(30) 60/135,608 **24 May/mai 1999 (24.05.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHODS FOR BREEDING FOR AND SCREENING OF SOYBEAN PLANTS WITH ENHANCED YIELDS, AND SOYBEAN PLANTS WITH ENHANCED YIELDS
• PROCEDES DE CULTURE ET DE CRIBLAGE DE FEVES DE SOJA PERMETTANT D'AMELIORER LA PRODUCTIVITE ET FEVES DE SOJA PRODUITES EN QUANTITES AMELIOREES

(71) **MONSANTO COMPANY** [US/US]; 800 North Lindbergh Boulevard, St. Louis, MO 63167 (US).

(72) **DELANNAY, Xavier**; St. Louis, MO 63167 (US). **CONCIBIDO, Vergel, C.**; St. Louis, MO 63167 (US).

(74) **MARSH, David, R.**; Howrey & Simon, Box 34, 1299 Pennsylvania Avenue, N.W., Washington, DC 20004–2402 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN 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 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; 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] **C12Q 1/68**

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(21) PCT/US99/22770

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,545 **30 Sep/sep 1998 (30.09.1998)** US

(30) 09/408,618 **30 Sep/sep 1999 (30.09.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IDENTIFICATION OF VIRULENCE DETERMINANT ACTIVATORS IN PROKARYOTIC PATHOGENS GOVERNMENT SUPPORT
• IDENTIFICATION D'ACTIVATEURS DETERMINANT LA VIRULENCE DANS DES PATHOGENES PROCARYOTES

(71) **BOSTON MEDICAL CENTER CORPORATION** [US/US]; One Boston Medical Center Place, Boston, MA 02118 (US).

(72) **MURPHY, John, R.**; 130 Appleton Street, 1E, Boston, MA 02116 (US). **SUN, Li**; 119 Oxford Road, Old Marston, Oxford OX3 0RB (GB).

(74) **FOLEY, Shawn, P.** et al. / etc.; Lerner, David, Littenberg, Krumholz & Mentlik, LLP, 600 South Avenue West, Westfield, NJ 07090–1497 (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 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; 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] **C12Q 1/68**

(11) **WO 00/18965** (13) A1

(21) PCT/US99/22813

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/164,023 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MULTIPLEX GENOTYPING USING FLUORESCENT HYBRIDIZATION PROBES
• GENOTYPAGE MULTIPLEX UTILISANT DES SONDES D'HYBRIDATION FLUORESCENTES

(71) **UNIVERSITY OF UTAH RESEARCH FOUNDATION** [US/US]; 210 Park Building, Salt Lake City, UT 84112 (US).

(72) **WITTWER, Carl, T.**; 3034 Kennedy Drive, Salt Lake City, UT 84108 (US). **BERNARD, Philip, S.**; 3390 E. Emigration Canyon Road, Salt Lake City, UT 84108 (US).

(74) **LAMMERT, Steven, R.**; Barnes & Thornburg, 11 South Meridian Street, Indianapolis, IN 46204 (US).

(81) AU CA JP; 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] **C12Q 1/68**

(11) **WO 00/18966** (13) A2

(21) PCT/US99/22975

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,381 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A NEW STRATEGY FOR GENOME–WIDE GENE ANALYSIS: INTEGRATED PROCEDURES FOR GENE IDENTIFICATION
• NOUVELLE STRATEGIE D'ANALYSE GENETIQUE A L'ECHELLE DU GENOME: PROCEDURES INTEGREES D'IDENTIFICATION GENIQUE

(63) US 60/102,381 (CON) 29 Sep/sep 1998 (29.09.1998)

(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) **WANG, San, Ming** [–/US]; – (US). **FEARS, Scott** [–/US]; – (US). **ROWLEY, Janet, D.** [–/US]; – (US).

(74) **HIGHLANDER, Steven, L.**; Arnold, White & Durkee, P.O. Box 4433, Houston, TX 77210 (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 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; 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] **C12Q 1/68, C12P 19/34, C07H 19/00, 21/00, 21/02, 21/04**

(11) **WO 00/18967** (13) A1

(21) PCT/US99/22988

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,724 **1 Oct/oct 1998 (01.10.1998)** US

(30) 60/149,533 **17 Aug/août 1999 (17.08.1999)** US

(30) 09/394,387 **10 Sep/sep 1999 (10.09.1999)** US

(30) 09/394,457 **10 Sep/sep 1999 (10.09.1999)** US

(30) 09/394,467 **10 Sep/sep 1999 (10.09.1999)** US

(30) 09/394,774 **10 Sep/sep 1999 (10.09.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A METHOD FOR ANALYZING POLYNUCLEOTIDES
• PROCEDE D'ANALYSE DE POLYNUCLEOTIDES

(71) **VARIAGENICS, INC.** [US/US]; 60 Hampshire Street, Cambridge, MA 02139–1562 (US).

(72) **STANTON, Vincent, P., Jr.**; 32 Royal Road, Belmont, MA 02178 (US). **WOLFE, Jia, Liu**; 28 Hollywood Road, Winchester, MA 01890 (US). **KAWATE, Tomohiko**; 31 Portsmouth Street, #1R, Cambridge, MA 02141 (US). **VERDINE, Gregory**; 7 Bennington Road, Lexington, MA 02421 (US).

(74) **ROSE, Bernard, F.** 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 CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; 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)[6] **C12Q 1/70, 1/68, 1/48, C12P 19/34, 21/00**

(11) **WO 00/18968** (13) A1

(21) PCT/SG99/00017

(22) **13 Mar/mar 1999 (13.03.1999)**

(25) en (26) en

(30) PCT/SG98/00077 **29 Sep/sep 1998 (29.09.1998)** SG

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AN *IN VITRO* ACTIVITY ASSAY FOR HUMAN HEPATITIS B VIRUS (HBV) DNA POLYMERASE, AND ITS USE FOR SCREENING FOR INHIBITORS OF HBV DNA POLYMERASE
• ESSAI *IN VITRO* DE DOSAGE DE L'ACTIVITE DE L'ADN–POLYMERASE DU VIRUS DE L'HEPATITE B (VHB) HUMAIN ET SON UTILISATION POUR CRIBLER DES INHIBITEURS DE L'ADN–POLYMERASE DU VHB

(71) **GOVERNMENT OF THE REPUBLIC OF SINGAPORE** [SG/SG]; Ministry of Health, College of Medicine Building, 16 College Road, Singapore 169854 (SG).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CON, Chong, Jin** [SG/SG]; Principal Investigator, Dept. of Clinical Research, Ministry of Health, Singapore, 14A Princess of Wales Road, Singapore 228510 (SG). **CHEN, Wei, Ning** [SG/SG]; Senior Research Scientist, Ransome Research Laboratory, Dept. of Clinical Research Ministry of Health, Singapore, Block 104, Spottiswoode Park Road #22–114, Singapore 080104 (SG). **LIM, Gek, Keow** [SG/SG]; Senior Medical Technologist, Ransome Research Laboratory, Dept. of Clinical Research Ministry of Health, Singapore, 16 Telok Kurau, Lorong G, Singapore 426180 (SG). **LEONG, Ai, Lin** [SG/SG]; Laboratory Technician, Ransome Research Laboratory, Dept. of Clinical Research, Ministry of Health, Singapore, Block 263, Yishun Street 22, #12–161, Singapore 760263 (SG).

(74) **THAM, Winnie**; Allen & Gledhill, 36 Robinson Road, #18–01 City House, Singapore 068877 (SG).

(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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **C12Q 1/70, C12N 7/06**

(11) **WO 00/18969** (13) A1

(21) PCT/US99/21245

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 09/161,030 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHODS TO SELECTIVELY INACTIVATE VIRUSES IN BIOLOGICAL COMPOSITIONS
• PROCEDE SELECTIF D'INACTIVATION DE VIRUS DANS DES COMPOSITIONS BIOLOGIQUES

(71) **PENTOSE PHARMACEUTICALS, INC.** [US/US]; 45 Moulton Street, Cambridge, MA 02138 (US).

(72) **EDSON, Clark, McWhorter**; 3 Durham Street #2, Somerville, MA 02143 (US). **PURMAL, Andrei, A.**; 58 Jacqueline Road #11, Waltham, MA 02452 (US). **ACKERMAN, Samuel, K.**; 175 King's Grant Road, Weston, MA 02493 (US).

(74) **CLARK, Paul, T.**; Clark & Elbing LLP, 176 Federal Street, Boston, MA 02110–2214 (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; 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)[6] **C12Q 3/00, C07K 14/47, C12Q 1/02**

(11) **WO 00/18970** (13) A1

(21) PCT/JP99/05302

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) ja (26) ja

(30) 10/274574 **29 Sep/sep 1998** JP **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR CONTROLLING THE RELEASE OF GRANULES
• PROCEDE DE COMMANDE DE LIBERATION DE GRANULES

(71) **ASAHI KASEI KOGYO KABUSHIKI KAISHA** [JP/JP]; 2–6, Dojimahama 1–chome, Kita–ku, Osaka–shi, Osaka 530–8205 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SETO, Minoru** [JP/JP]; 572–33, Mitsuzawa, Fuji–shi, Sizuoka 417–0855 (JP). **FUKUDA, Kouichirou** [JP/JP]; 282–1, Yunoki, Fuji–shi, Sizuoka 416–0908 (JP).

(74) **FUJINO, Seiya**; Mitsuhama Building, 8th floor, 2–1, Yotsuya 1–chome, Shinjuku–ku, Tokyo 160–0004 (JP).

(81) JP US; 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] **C21D 1/09, 9/00, B23K 35/32, B21B 27/00, C21D 9/38**

(11) **WO 00/18971** (13) A1

(21) PCT/CH99/00451

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) de (26) de

(30) 60/102,322 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR CHANGING THE PROPERTIES OF THE SURFACES OF WORK PIECES
• PROCEDE POUR MODIFIER LES PROPRIETES DE SURFACES DE PIECES

(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** [DE/CH]; Säntisstrasse 3, CH–6207 Nottwil (CH).

(74) **PPS POLYVALENT PATENT SERVICE AG**; Waldrütistrasse 21, CH–8954 Geroldswil (CH).

(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; 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] **C21D 1/613, 1/84, 9/00**

(11) **WO 00/18972** (13) A1

(21) PCT/DE99/03237

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) de (26) de

(30) 198 45 805.3 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE AND PROCESS FOR COOLING METAL COMPONENTS WHICH WERE SUBJECTED TO HIGH TEMPERATURES
• PROCEDE ET UNITE DE TRAITEMENT POUR REFROIDIR DES PIECES METALLIQUES PORTEES A HAUTE TEMPERATURE

(71) **TACR TURBINE AIRFOIL COATING AND REPAIR GMBH** [DE/DE]; Rohrdamm 7, D–13629 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WOLKERS, Lutz** [DE/DE]; Am Hegewinkel 58, D–14169 Berlin (DE).

(74) **ZEDLITZ, Peter**; Postfach 22 13 17, D–80503 München (DE).

(81) IN JP RU US; 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] **C21D 8/06, C22F 1/10, 1/18**

(11) **WO 00/18973** (13) A1

(21) PCT/US99/22564

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 98117983 **1 Oct/oct 1998** RU **(01.10.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR PROCESSING BILLETS OUT OF METALS AND ALLOYS AND THE ARTICLE
• TRAITEMENT DE BILLETTES OBTENUES A PARTIR DE METAUX ET D'ALLIAGES

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US). **INSTITUTE FOR METALS SUPERPLASTICITY PROBLEMS OF THE RUSSIAN ACADEMY OF SCIENCES** [RU/RU]; Khalturina Street, 39, Ufa, Bashkortostan, 450001 (RU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **UTYASHEV, Farid Zainullaevich** [RU/RU]; Apartment 5, Shafieva Street, 41, Ufa, Bashkortostan, 450096 (RU). **KAIBYSHEV, Oscar Akramovich** [RU/RU]; Apartment 28, Lenina Street, 31/33, Ufa, Bashkortostan, 45005 (RU). **VALIAKHMETOV, Oleg Rayazovich** [RU/RU]; Apartment 76, Naberezhnaya Street, 9/2, Ufa, Bashkotorstan, 450059 (RU).

(74) **CHASKIN, Jay, L.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) CN CZ IL IN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **C22B 21/00, C22C 1/02, C22B 9/10**

(11) **WO 00/18974** (13) A1

(21) PCT/JP98/04403

(22) **30 Sep/sep 1998 (30.09.1998)**

(25) ja (26) ja

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FLUX FOR MOLTEN ALUMINUM AND ALUMINUM ALLOY
• DECAPANT POUR ALUMINIUM ET ALLIAGE D'ALUMINIUM FONDUS

(71) **AIKOH FLUX CO., LTD.** [JP/JP]; 1–39, Ikenohata 2–chome, Taito–ku, Tokyo 110–0008 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAKASHIMA, Masaru** [JP/JP]; 7–8–208, Naka–Rokugo 3–chome, Ohta–ku, Tokyo 144–0055 (JP). **MANTANI, Tadashi** [JP/JP]; 1005–17, Nonoshita 4–chome, Nagareyama–shi, Chiba 270–0135 (JP). **MEGURO, Tadao** [JP/JP]; 1302–2, Segawa, Imaichi–shi, Tochigi 321–1263 (JP).

(74) **YAGITA, Shigeru** et al. / etc.; Bussan Building Bekkan, 1–15, Nishi Shimbashi 1–chome, Minato–ku, Tokyo 105–0003 (JP).

(81) AU BR CA JP KR US; EP (DE ES FR GB IT).

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(51)[7] **C22C 38/22, 38/24, 38/44, 38/46**

(11) **WO 00/18975** (13) A1

(21) PCT/FR99/02297

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) fr (26) fr

(30) 98/12209 **30 Sep/sep 1998** FR **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NITRIDING STEEL, METHOD FOR OBTAINING SAME AND PARTS FORMED WITH SAID STEEL
• ACIER DE NITRURATION, PROCEDE POUR SON OBTENTION ET PIECES FORMEES AVEC CET ACIER

(71) **AUBERT & DUVAL** [FR/FR]; 41, rue de Villiers, F–92202 Neuilly–sur–Seine (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DUBOIS, Philippe** [FR/FR]; 11, rue Georges Auric, F–91480 Quincy–sous–Sénart (FR).

(74) **ROGER–PETIT, Georges**; Office Blétry, 2, boulevard de Strasbourg, F–75010 Paris (FR).

(81) CA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **C22C 38/38, C21D 9/46, C23C 2/02, 2/06, 2/28**

(11) **WO 00/18976** (13) A1

(21) PCT/JP99/04385

(22) **13 Aug/août 1999 (13.08.1999)**

(25) ja (26) ja

(30) 10/276034 **29 Sep/sep 1998** JP **(29.09.1998)**

(30) 10/331767 **20 Nov/nov 1998** JP **(20.11.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HIGH STRENGTH THIN STEEL SHEET, HIGH STRENGTH ALLOYED HOT–DIP ZINC–COATED STEEL SHEET, AND METHOD FOR PRODUCING THEM
• FEUILLE MINE D'ACIER HAUTE RESISTANCE, FEUILLE D'ACIER ALLIE HAUTE RESISTANCE REVETUE DE ZINC ET GALVANISEE A CHAUD ET PROCEDE DE PRODUCTION CORRESPONDANT

(71) **KAWASAKI STEEL CORPORATION** [JP/JP]; 1–28, Kitahonmachi–dori 1–chome, Chuo–ku, Kobe–shi, Hyogo 651–0075 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SUZUKI, Yoshitsugu** [JP/JP]; Technical Research Laboratories Kawasaki Steel Corporation, Mizushimakawasaki–dori 1–chome, Kurashiki–shi, Okayama 712–8074 (JP). **OSAWA, Kazunori** [JP/JP]; Technical Research Laboratories Kawasaki Steel Corporation, Mizushimakawasaki–dori 1–chome, Kurashiki–shi, Okayama 712–8074 (JP). **KATO, Chiaki** [JP/JP]; Technical Research Laboratories Kawasaki Steel Corporation, Mizushimakawasaki–dori 1–chome, Kurashiki–shi, Okayama 712–8074 (JP). **TOBIYAMA, Yoichi** [JP/JP]; Technical Research Laboratories Kawasaki Steel Corporation, Mizushimakawasaki–dori 1–chome, Kurashiki–shi, Okayama 712–8074 (JP). **SAKATA, Kei** [JP/JP]; Technical Research Laboratories Kawasaki Steel Corporation, Mizushimakawasaki–dori 1–chome, Kurashiki–shi, Okayama 712–8074 (JP). **FURUKIMI, Osamu** [JP/JP]; Technical Research Laboratories Kawasaki Steel Corporation, 1, Kawasakicho, Chuo–ku, Chiba–shi, Chiba 260–0835 (JP). **SHINOHARA, Akio** [JP/JP]; Mizushima Works Kawasaki Steel Corporation, Mizushimakawasaki–dori 1–chome, Kurashiki–shi, Okayama 712–8074 (JP).

(74) **KOBAYASHI, Eiichi**; Tamawa Building, 2–18, Honcho 6–chome, Funabashi–shi, Chiba 273–0005 (JP).

(81) CA CN KR US; 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] **C23C 14/00**

(11) **WO 00/18977** (13) A2

(21) PCT/DE99/03236

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) de (26) de

(30) 198 45 803.7 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR VACUUM COATING METAL COMPONENTS
• PROCEDE POUR APPLIQUER UN REVETEMENT SOUS VIDE SUR DES PIECES METALLIQUES

(71) **TACR TURBINE AIRFOIL COATING AND REPAIR GMBH** [DE/DE]; Rohrdamm 7, D–13629 Berlin (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WOLKERS, Lutz** [DE/DE]; Am Hegewinkel 58, D–14169 Berlin (DE).

(74) **ZEDLITZ, Peter**; Postfach 22 13 17, D–80503 München (DE).

(81) IN JP RU US; 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] **C23C 14/00, C09C 1/00**

(11) **WO 00/18978** (13) A1

(21) PCT/IB99/01656

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 198 44 357.9 **28 Sep/sep 1998** DE **(28.09.1998)**

(30) 09/390,297 **3 Sep/sep 1999** US **(03.09.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • APPARATUS AND METHOD FOR PRODUCING PLANE–PARALLEL FLAKES
• APPAREIL ET PROCEDE DE PRODUCTION DE PAILLETTES PARALLELES PLANES

(71) **WEINERT VAKUUM VERFAHRENSTECHNIK GMBH** [DE/DE]; Wiesenstrasse 23, D–87600 Kaufbeuren (DE).

(72) **WEINERT, Hilmar, H.**; Schulstrasse 1, D–87600 Kaufbeuren (DE).

(81) BR CA CN JP KR MX.

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(51)[7] **C23C 14/02, H01J 37/34, C23C 14/34**

(11) **WO 00/18979** (13) A1

(21) PCT/US99/22887

(22) **1 Oct/oct 1999 (01.10.1999)**

(25) en (26) en

(30) 60/102,610 **1 Oct/oct 1998** US **(01.10.1998)**

(30) 60/116,721 **21 Jan/jan 1999** US **(21.01.1999)**

(30) Not furnished / non communiqué **23 Sep/sep 1999** US **(23.09.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SPUTTER DEPOSITION APPARATUS
• DISPOSITIF DE PULVERISATION CATHODIQUE

(71) **APPLIED SCIENCE AND TECHNOLOGY, INC.** [US/US]; 35 Cabot Road, Woburn, MA 01801 (US).

(72) **FELSENTHAL, David**; 32 Flint Street, Marblehead, MA 01945 (US). **LEE, Chunghsin**; 24 Bluejay Road, Lynnfield, MA 01940 (US). **SFERLAZZO, Piero**; 14 Bayview Road, Marblehead, MA 01945 (US).

(74) **RAUSCHENBACH, Kurt**; Testa, Hurwitz & Thibeault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).

(81) JP; 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] **C23C 14/56, H01L 21/00, H01J 37/34**

(11) **WO 00/18980** (13) A1

(21) PCT/US99/22888

(22) **1 Oct/oct 1999 (01.10.1999)**

(25) en (26) en

(30) 60/102,610 **1 Oct/oct 1998 (01.10.1998)** US

(30) 60/116,721 **21 Jan/jan 1999 (21.01.1999)** US

(30) Not furnished / non communiqué **23 Sep/sep 1999 (23.09.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AN IN–LINE SPUTTER DEPOSITION SYSTEM
• SYSTEME DE PULVERISATION CATHODIQUE EN LIGNE

(71) **APPLIED SCIENCE AND TECHNOLOGY, INC.** [US/US]; 35 Cabot Road, Woburn, MA 01801 (US).

(72) **FELSENTHAL, David**; 32 Flint Street, Marblehead, MA 01945 (US). **LEE, Chunghsin**; 24 Bluejay Road, Lynnfield, MA 01940 (US). **SFERLAZZO, Piero**; 14 Bayview Road, Marblehead, MA 01945 (US).

(74) **RAUSCHENBACH, Kurt**; Testa, Hurwitz & Thibeault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).

(81) JP; 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] **C23C 16/02**

(11) **WO 00/18981** (13) A1

(21) PCT/EP99/06928

(22) **18 Sep/sep 1999 (18.09.1999)**

(25) de (26) de

(30) 198 44 538.5 **29 Sep/sep 1998 (29.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR DIAMOND–COATING SURFACES
• PROCEDE D'APPLICATION DE REVETEMENT DE DIAMANT SUR DES SURFACES

(71) **FRAUNHOFER–GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [DE/DE]; Leonrodstrasse 54, D–80636 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOIDL, Peter** [DE/DE]; Bergstrasse 2, D–79211 Denzlingen (DE). **WILD, Christoph** [DE/DE]; Berliner Strasse 15/3, D–79211 Denzlingen (DE). **MANGANG, Pascal** [DE/DE]; Ernststrasse 5, D–79211 Denzlingen (DE).

(74) **SCHMITT, Hans** et al. / etc.; Dreikönigstrasse 13, D–79102 Freiburg (DE).

(81) US; 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] **C23C 16/44, 16/24, H01L 21/768**

(11) **WO 00/18982** (13) A1

(21) PCT/US99/22627

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/163,594 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND APPARATUS FOR FORMING POLYCRYSTALLINE AND AMORPHOUS SILICON FILMS
• PROCEDE ET DISPOSITIF PERMETTANT DE REALISER DES FILMS DE SILICIUM POLYCRISTALLIN ET AMORPHE

(71) **APPLIED MATERIALS, INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).

(72) **WANG, Shulin**; 959 Steinway Avenue, Campbell, CA 95008 (US).

(74) **BERNADICOU, Michael, A.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) JP; 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] **C23C 22/78**

(11) **WO 00/18983** (13) A1

(21) PCT/EP99/06978

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) de (26) de

(30) 198 44 391.9 **28 Sep/sep 1998 (28.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PREPARATION OF WORKPIECES FOR COLD FORMING
• PREPARATION DE PIECES POUR LE FORMAGE A FROID

(71) **METALLGESELLSCHAFT AKTIENGESELLSCHAFT** [DE/DE]; Bockenheimer Landstrasse 73 – 77, D–60325 Frankfurt am Main (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NITTEL, Klaus–Dieter** [DE/DE]; Raabestrasse 8, D–60431 Frankfurt am Main (DE). **RAU, Uwe** [DE/DE]; Milcheshohl 1, D–61462 Königstein (DE).

(74) **UPPENA, Franz** et al. / etc.; Dynamit Nobel Aktiengesellschaft, Patentabteilung, D–53839 Troisdorf (DE).

(81) IN US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[6] **C23G 5/00, B01F 3/08, C11D 3/18, C08K 5/02, 5/03**

(11) **WO 00/18984** (13) A1

(21) PCT/US99/22151

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/102,283 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MULTI–COMPONENT SOLVENT SYSTEMS FOR FLUORINATED COMPOUNDS AND CLEANERS AND DELIVERY SYSTEMS BASED THEREON
• SYSTEMES DE SOLVANTS A PLUSIEURS COMPOSANTES POUR COMPOSES ET DETERGENTS FLUORES, ET SYSTEMES DE DISTRIBUTION BASES SUR LESDITS SYSTEMES

(71) **LOCTITE CORPORATION** [US/US]; 1001 Trout Brook Crossing, Rocky Hill, CT 06067 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHANK, Gary, K.** [US/US]; 3 Penn Place, Apt. E, Rocky Hill, CT 06067 (US).

(74) **BAUMAN, Steven, C.**; Loctite Corporation, 1001 Trout Brook Crossing, Rocky Hill, CT 06067 (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 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; 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] **C23K**

(11) **WO 00/18985** (13) A2

(21) PCT/DE99/03235

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) de (26) de

(30) 198 45 804.5 **30 Sep/sep 1998 (30.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND DEVICE FOR HEATING METAL COMPONENTS USING ELECTRON IRRADIATION IN A VACUUM CHAMBER
• PROCEDE ET DISPOSITIF POUR CHAUFFER DES COMPOSANTS METALLIQUES PAR IRRADIATION AVEC DES ELECTRONS DANS UNE CHAMBRE SOUS VIDE

(71) **TACR TURBINE AIRFOIL COATING AND REPAIR GMBH** [DE/DE]; Rohrdamm 7, D–13629 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WOLKERS, Lutz** [DE/DE]; Am Hegewinkel 58, D–14169 Berlin (DE).

(74) **ZEDLITZ, Peter**; Postfach 22 13 17, D–80503 München (DE).

(81) IN JP RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **C25B 9/00, 15/00, C25C 1/12, 1/14, 1/18**

(11) **WO 00/18986** (13) A1

(21) PCT/US99/21795

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 9821050.3 **28 Sep/sep 1998** GB **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESSES AND APPARATUS FOR RECOVERY AND REMOVAL TIN, LEAD AND/OR COPPER FROM SOLUTIONS
• PROCEDE ET APPAREIL DE RECUPERATION ET D'ENLEVEMENT DE L'ETAIN, DU PLOMB ET/OU DU CUIVRE CONTENUS DANS DES SOLUTIONS

(71) **SHIPLEY COMPANY, L.L.C.** [US/US]; 455 Forest Street, Marlborough, MA 01752 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GOOSEY, Martin** [/GB]; Bank House Farm, Hellidon, Daventry, Northants NN11 61G (GB). **BAINS, Narinder, Singh** [/GB]; 20 Roderick Drive, Wednesfield, Wolverhampton WV11 3AG (GB). **KELLNER, P., Rod** [/FR]; 6, rue du Port, F–77260 Sammeron (FR). **SOOR, Jack** [/GB]; Birches, 259 Warwick Road, Kenilworth, Warwickshire CV8 1FB (GB). **MORSE, Gary** [/GB]; 2 Fountain Court, Hedge End, Southampton SO30 4QF (GB).

(74) **CORLESS, Peter, F.** et al. / etc.; Dike, Bronstein, Roberts & Cushman, LLP, 130 Water Street, Boston, MA 02109 (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; 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] **C25C 3/14**

(11) **WO 00/18987** (13) A1

(21) PCT/NO99/00279

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) no (26) en

(30) 19984224 **14 Sep/sep 1998** NO **(14.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A METHOD AND A DEVICE FOR FEEDING AN ELECTROLYSIS CELL
• PROCEDE ET DISPOSITIF SERVANT A ALIMENTER UNE CELLULE D'ELECTROLYSE

(71) **NORSK HYDRO ASA** [NO/NO]; N–0240 Oslo (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MEISINGSETH, Leif** [NO/NO]; Drivavn. 31, N–6600 Sunndalsøra (NO).

(74) **BERG, André**; Norsk Hydro ASA, N–0240 Oslo (NO).

(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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **C25C 7/06**

(11) **WO 00/18988** (13) A1

(21) PCT/FI99/00804

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 982104 **30 Sep/sep 1998** FI **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TRANSVERSE CONVEYOR FOR ELECTRODES
• CONVOYEUR TRANSVERSAL D'ELECTRODES

(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) **MARTTILA, Tom** [FI/FI]; Humaljärventie 5, FIN–02400 Kirkkonummi (FI).

(74) **OUTOKUMPU OYJ**; Patent Services, P.O. Box 27, FIN–02201 Espoo (FI).

(81) AU BG BR CA CN IN JP KR MX PL US ZA; EA (AM AZ BY KG 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] **C25D 17/08**

(11) **WO 00/18989** (13) A1

(21) PCT/FR99/02307

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) fr (26) fr

(30) 98/12506 **30 Sep/sep 1998** FR **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND DEVICE FOR HANDLING, TRANSPORTING AND TREATING PARTS, BY ELECTROLYSIS IN PARTICULAR
• PROCEDE ET DISPOSITIF POUR LA MANIPULATION, LE TRANSPORT ET LE TRAITEMENT DE PIECES, PAR ELECTROLYSE NOTAMMENT

(71, 72) **PAPON, Roland** [FR/FR]; chemin de Lamouroux, F–63300 Escoutoux (FR). **PAPON, Yves** [FR/FR]; La Rocheras, chemin de Lamouroux, F–63300 Escoutoux (FR).

(74) **CABINET CHANET JACQUES**; 56, avenue de Royat, Boîte postale 27, F–63401 Chamalières Cedex (FR).

(81) CA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **C30B 33/02, H01L 21/324**

(11) **WO 00/18990** (13) A1

(21) PCT/JP99/05310

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) ja (26) ja

(30) 10/277004 **30 Sep/sep 1998** JP **(30.09.1998)**

(30) 11/82953 **26 Mar/mar 1999** JP **(26.03.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR REMOVING DEFECTS OF SINGLE CRYSTAL MATERIAL AND SINGLE CRYSTAL MATERIAL FROM WHICH DEFECTS ARE REMOVED BY THE METHOD
• PROCEDE D'ELIMINATION DES DEFAUTS D'UN MATERIAU MONOCRISTALLIN ET MATERIAU MONOCRISTALLIN DONT LES DEFAUTS SONT ELIMINES PAR CE PROCEDE

(71) **MITSUBISHI MATERIALS SILICON CORPORATION** [JP/JP]; 5–1, Ohtemachi 1–chome, Chiyoda–ku, Tokyo 100–0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HURUKAWA, Jun** [JP/JP]; Silicon Research Center, Mitsubishi Materials Corporation, 1–297, Kitabukuro–cho, Omiya–shi, Saitama 330–0835 (JP). **SUDOU, Mitsuru** [JP/JP]; Silicon Research Center, Mitsubishi Materials Corporation, 1–297, Kitabukuro–cho, Omiya–shi, Saitama 330–0835 (JP). **NAKAI, Tetsuya** [JP/JP]; Silicon Research Center, Mitsubishi Materials Corporation, 1–297, Kitabukuro–cho, Omiya–shi, Saitama 330–0835 (JP). **HUJIKAWA, Takao** [JP/JP]; Takasago Works in Kobe Steel, Ltd., 3–1, Shinhama 2–chome, Arai–cho, Takasago–shi, Hyogo 676–0008 (JP). **MASUI, Takuya** [JP/JP]; Kobe Corporation Research Laboratories in Kobe Steel, Ltd., 5–5, Takatsukadai 1–chome, Nishi–ku, Kobe–shi, Hyogo 651–2271 (JP).

(74) **SUDA, Masayoshi**; Shinseiwa Ikebukuro Building 4th floor, 24–3, Higashi–Ikebukuro 1–chome, Toshima–ku, Tokyo 170–0013 (JP).

(81) CN KR US; EP (DE).

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(51)[7] **D01F 2/00, D01D 10/06**

(11) **WO 00/18991** (13) A1

(21) PCT/AT99/00229

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) de (26) de

(30) A 1614/98 **29 Sep/sep 1998** AT **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR PRODUCING CELLULOSIC FIBERS
• PROCEDE DE PRODUCTION DE FIBRES CELLULOSIQUES

(71) **LENZING AKTIENGESELLSCHAFT** [AT/AT]; Werkstrasse 2, A–4860 Lenzing (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FEILMAIR, Wilhelm** [AT/AT]; Lacherwiese 30, A–4863 Seewalchen (AT). **FIRGO, Heinrich** [AT/AT]; Billrothstrasse 4, A–4840 Vöcklabruck (AT). **MÄNNER, Johann** [AT/AT]; Bach 97, A–4852 Weyregg (AT).

(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; 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)[6] **D02D 7/00, E02D 17/20, 3/12**

(11) **WO 00/18992** (13) A1

(21) PCT/US99/22613

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/162,973 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • GEOTEXTILE FABRIC
• TISSU GEOTEXTILE

(71) **BAY MILLS LIMITED** [CA/CA]; 39 Seapark Drive, P.O. Box 728, St. Catharines, Ontario L2R 6Y3 (CA). **CERTAINTEED CORPORATION** [US/US]; 750 East Swedesford Road, Valley Forge, PA 19482 (US).

(72) **KITTSON, Mark**; 7449 Lakewood Crescent, Niagara Falls, Ontario L2G 7T7 (CA).

(74) **KOFFS, Steven, E.** et al. / etc.; Duane, Morris & Heckscher LLP, One Liberty Place, Philadelphia, PA 19103–7396 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN 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 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; 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] **D03D 15/12**

(11) **WO 00/18993** (13) A1

(21) PCT/US99/19951

(22) **31 Aug/août 1999 (31.08.1999)**

(25) en (26) en

(30) 09/161,811 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FLAME RESISTANT FABRICS
• TISSUS IGNIFUGES

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) **SHAFFER, Donald, E.**; 5921 Kennett Pike, Wilmington, DE 19807 (US). **GHORASHI, Hamid, Moayed**; 3507 Walkers Ferry Road, Midlothian, VA 23112 (US).

(74) **SHAFER, Robert, J.**; E.I. Du Pont De Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) AU BR CA CN IN JP MX RU SG; 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] **D04H**

(11) **WO 00/18994** (13) A2

(21) PCT/US99/22110

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 09/164,105 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ELASTIC NONWOVEN WEBS AND FILMS
• BANDES ET FILMS NON TISSES ELASTIQUES

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

(72) **HAFFNER, William, B.**; 1256 Tinderbox Lane, Kennesaw, GA 30144 (US).

(74) **DORITY & MANNING, P.A.**; P.O. Box 1449, 700 East North Street, Suite 15, Greenville, SC 29602–1449 (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 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; 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] **D04H 1/42, 1/54, 13/00, A61F 13/00**

(11) **WO 00/18995** (13) A2

(21) PCT/US99/21268

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 09/164,106 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CRIMPED POLYMERIC FIBERS AND NONWOVEN WEBS MADE THEREFROM WITH IMPROVED RESILIENCY
• FIBRES CREPEES DE POLYMERE ET TISSUS PLUS ELASTIQUES EN ETANT FAITS

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

(72) **STOKES, Ty, J.**; 4535 Sutton Lane, Suwanee, GA 30024 (US). **FRANK, Ryan, E.**; 1218 Spring Creek Lane, Atlanta, GA 30350 (US).

(74) **DORITY & MANNING, P.A.**; Suite 15, 700 East North Street, P.O. Box 1449, Greenville, SC 29602–1449 (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 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; 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] **D04H 13/00, 1/46**

(11) **WO 00/18996** (13) A1

(21) PCT/US99/21497

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 09/163,216 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A FABRIC
• TISSU

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

(72) **SKOOG, Henry**; 3350 Callenwolde Court, Roswell, GA 30075 (US). **RADWANSKI, Fred, R.**; 370 Spindletree Trace, Roswell, GA 30076 (US). **CLEVELAND, Terry, R.**; 534 Brooksdale Drive, Woodstock, GA 30189 (US). **MAYFIELD, Frances, W.**; 2797 Benson Drive, Marietta, GA 30062 (US). **BROWN, Lawrence, M.**; 10555 Turner Road, Roswell, GA 30076 (US).

(74) **SIDOR, Karl, V.** et al. / etc.; 401 N. Lake Street, Neenah, WI 54956 (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 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; 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] **D05B 29/02**

(11) **WO 00/18997** (13) A1

(21) PCT/EP99/07061

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) de (26) de

(30) 198 44 201.7 **26 Sep/sep 1998 (26.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ACTUATING DEVICE
• DISPOSITIF DE COMMANDE

(71) **QUICK ROTAN ELEKTROMOTOREN GMBH** [DE/DE]; Königstrasse 154, D–67655 Kaiserslautern (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOSAGASI, Sevki** [DE/DE]; Wilhelm–Raabe–Strasse 26, D–67663 Kaiserslautern (DE). **JUNG, Helmut** [DE/DE]; Weiherstrasse 18, D–67659 Kaiserslautern (DE). **KILIAN, Michael** [DE/DE]; Odenwaldring 1, D–64354 Reinheim (DE).

(74) **SÄGER, Manfred**; Postfach 63, CH–7014 Trin (CH).

(81) BR CN CZ JP KR MX US; 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] **D06B 15/04, F26B 13/30**

(11) **WO 00/18998** (13) A1

(21) PCT/EP99/06255

(22) **26 Aug/août 1999 (26.08.1999)**

(25) de (26) de

(30) 198 44 801.5 **30 Sep/sep 1998 (30.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND DEVICE FOR DEHUMIDIFYING A WEB OF ENDLESS FABRIC
• PROCEDE ET DISPOSITIF DE DESHUMIDIFICATION D'UNE BANDE DE MATERIAU

(71) **EDUARD KÜSTERS MASCHINENFABRIK GMBH & CO. KG** [DE/DE]; Gladbacher Strasse 457, D–47805 Krefeld (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KURSCHATKE, Wolfgang** [DE/DE]; Hulterkamp 53, D–47807 Krefeld (DE).

(74) **PALGEN, Peter** et al. / etc.; Mulvanystrasse 2, D–40239 Düsseldorf (DE).

(81) IN JP RU US; 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] **D06C 5/00, 27/00, D06M 11/84, 13/52**

(11) **WO 00/18999** (13) A1

(21) PCT/EP99/06798

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) TO98A000821 **30 Sep/sep 1998 (30.09.1998)** IT

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR TREATING FINISHED GARMENTS, CLOTHS AND YARNS MADE OF WOOL
• METHODE POUR LE TRAITEMENT DE VETEMENTS, TISSUS ET FILS FINIS EN LAINE

(71) **RILAN SRL** [IT/IT]; Strada del Francese, 80, I–10156 Torino (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **POMATTO, Oscar** [IT/IT]; Via Genevrea, 19, I–10020 Cavagnolo (IT).

(74) **BUZZI, Franco** et al. / etc.; Buzzi, Notaro & Antonielli d'Oulx S.r.l., Corso Fiume, 6, I–10133 Torino (IT).

(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; 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] **D06F 43/00, 43/08**

(11) **WO 00/19000** (13) A1

(21) PCT/SE99/01473

(22) **27 Aug/août 1999 (27.08.1999)**

(25) en (26) en

(30) 09/161,928 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FLUID BASED CLEANING METHOD AND SYSTEM
• PROCEDE ET SYSTEME DE NETTOYAGE A BASE DE FLUIDE

(71) **AGA AKTIEBOLAG** [SE/SE]; S–181 81 Lidingö (SE).

(72) **LINDQVIST, Kenneth**; Fogdevägen 4, S–128 38 Skarpnäck (SE). **SVENSSON, Orvar**; Mantalsvägen 93, S–187 45 Täby (SE).

(74) **FRITZON, Rolf** et al. / etc.; Kransell & Wennborg AB, P.O. Box 27834, S–115 93 Stockholm (SE).

(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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **D06F 58/20, 58/26, 58/10, 43/00, C11D 17/04**

(11) **WO 00/19001** (13) A1

(21) PCT/US99/22372

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 60/102,132 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • APPARATUS AND METHOD FOR CLEANING AND REFRESHING FABRICS WITH A SUPPLEMENTAL HEAT SOURCE
• APPAREIL ET PROCEDE DE NETTOYAGE ET DE REGENERATION DE TEXTILES AU MOYEN D'UNE SOURCE DE CHALEUR ADDITIONNELLE

(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) **YEAZELL, Bruce, Albert** [US/US]; 10115 Winstead Lane, Cincinnati, OH 45231 (US). **JENSEN, Johh, Michael** [US/US]; 1244 Garden Circle, Wyoming, OH 45215 (US). **VOLPENHEIN, Matthew, Edward** [US/US]; 271 Gallia Drive, Cincinnati, OH 45233 (US).

(74) **REED, David, T.** 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 KR (Utility model / modèle d'utilité) 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; 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)[6] **D06F 75/38, 75/40**

(11) **WO 00/19002** (13) A1

(21) PCT/US99/22831

(22) **1 Oct/oct 1999 (01.10.1999)**

(25) en (26) en

(30) 09/164,747 **1 Oct/oct 1998** US **(01.10.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SAFETY PRESSING IRON WITH BURN PREVENTION SHIELD
• FER A REPASSER DE SECURITE AVEC PROTECTION ANTI–BRULURES

(71, 72) **SERPA, Michael, L.** [US/US]; 783 Amigos Way, Newport Beach, CA 92660 (US).

(74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson and Bear, LLP, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).

(81) AE AL AM AT 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 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; 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)[6] **D06M 13/12**

(11) **WO 00/19003** (13) A1

(21) PCT/US99/03739

(22) **15 Mar/mar 1999 (15.03.1999)**

(25) en (26) en

(30) 09/163,319 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TEXTILE FINISHING PROCESS
• PROCEDE D'APPRETAGE DE TEXTILES

(71) **AMERICAN TEXTILE SOLUTIONS, INC.** [US/US]; 5050 Section Avenue, Cincinnati, OH 45212–2099 (US).

(72) **PAYET, George, L.**; 7781 Gwenwyn Drive, Cincinnati, OH 45236 (US).

(74) **KENNEY, J., Ernest** et al. / etc.; Bacon & Thomas, PLLC, 4th floor, 625 Slaters Lane, Alexandria, VA 22314 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **D21C 3/22, D21B 1/36, D21C 1/00**

(11) **WO 00/19004** (13) A1

(21) PCT/CA99/00886

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 09/160,243 **25 Sep/sep 1998** US **(25.09.1998)**

(30) 09/288,981 **9 Apr/avr 1999** US **(09.04.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SEMI ALKALINE STEAM EXPLOSION TREATMENT OF FIBROUS MATERIAL FOR THE PRODUCTION OF CELLULOSE PULP
• TRAITEMENT DE VAPOCRAQUAGE SEMI–ALCALIN DE MATERIAU FIBREUX POUR LA PRODUCTION DE PATE A PAPIER

(63) US 09/288,981 (CON) 9 Apr/avr 1999 (09.04.1999)

(71) **STAKE TECHNOLOGY LTD.** [CA/CA]; 2838 Highway 7, Norval, Ontario L0P 1K0 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **D'AGOSTINO, Dennis** [CA/CA]; 46 Karsh Crescent, Waterdown, Ontario L0R 2H5 (CA). **RICHARD, Andrew** [CA/CA]; 12 Birchway Place, Acton, Ontario L7J 2X7 (CA).

(74) **BERESKIN & PARR**; 40th floor, 40 King Street West, Toronto, Ontario M5H 3Y2 (CA).

(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 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; 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] **D21C 9/00, 9/02, 5/02, D21H 15/02**

(11) **WO 00/19005** (13) A1

(21) PCT/US99/21498

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 09/163,987 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A SANITARY PAPER PRODUCT MADE BY MODIFYING COARSE FIBERS AND PROCESS THEREOF
• ARTICLE EN PAPIER HYGIENIQUE FABRIQUE PAR MODIFICATION DE FIBRES GROSSIERES ET SON PROCEDE DE FABRICATION

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

(72) **HSU, Jay, Chiehlung**; 615 Portico Point, Alpharetta, GA 30202 (US). **LAKHANI, Nauman, Noorali**; 610 Camber Woods Drive, Roswell, GA 30076 (US).

(74) **SIDOR, Karl, V.** et al. / etc.; 401 N. Lake Street, Neenah, WI 54956 (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 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; 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] **D21C 9/16, C07C 233/36**

(11) **WO 00/19006** (13) A1

(21) PCT/GB99/03178

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 9821165.9 **30 Sep/sep 1998** GB **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • OXYGEN BLEACHING OF PULP USING AN AGGLOMERATED BLEACH ACTIVATOR

- BLANCHIMENT A L'OXYGENE AU MOYEN D'UN ACTIVATEUR AGGLOMERE

(71) **WARWICK INTERNATIONAL GROUP LIMITED** [GB/GB]; Mostyn, Holywell, Flintshire CH8 9HE (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WITHENSHAW, John, David** [GB/GB]; Orchard House, Flint Road, Northop, Mold, Flintshire CH7 6BR (GB). **WILLIAMS, Jane** [GB/GB]; Delemere House, 9 Water Street, Mold, Flintshire CH7 1PQ (GB). **CHADWICK, Mark, Ardern** [GB/GB]; 2 Cwrt Wigfair Isas, Lower Denbigh Road, St Asaph, Denbighshire LL17 OEN (GB). **TURNER, Neil, Anthony** [GB/GB]; 9 Badger's Rise, Connah's Quay, Flintshire CH5 4HD (GB).

(74) **GODDARD, David, John**; Harrison Goddard Foote, 1 Stockport Road, Marple, Stockport SK6 6BD (GB) et al. / etc.

(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 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 ZW; 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] **D21F 1/00, 5/00**

(11) **WO 00/19007** (13) A1

(21) PCT/FI99/00802

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 982102 **29 Sep/sep 1998 (29.09.1998)** FI

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND APPARATUS FOR DEWATERING A MOVING WEB
• PROCEDE ET DISPOSITIF PERMETTANT DE DESHYDRATER UNE BANDE EN MOUVEMENT

(71) **IDI–HEAD OY** [FI/FI]; Nuutalantie 73, FIN–37720 Ritvala (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AHONEN, Heikki** [FI/FI]; Nuutalantie 73, FIN–37720 Ritvala (FI). **DETTLING, Bernhard** [DE/FR]; 15, rue de Lorraine, F–88170 Chatenois (FR).

(74) **SEPPO LAINE OY**; Itämerenkatu 3 B, FIN–00180 Helsinki (FI).

(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 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; 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] **D21F 1/04, 1/02**

(11) **WO 00/19008** (13) A1

(21) PCT/US99/22202

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/102,497 **30 Sep/sep 1998 (30.09.1998)** US

(30) 09/372,010 **11 Aug/août 1999 (11.08.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BRIDGE DEVICE FOR PAPER FORMING EQUIPMENT AND METHOD
• PONT DESTINE A UN EQUIPEMENT DE FORMAGE DU PAPIER ET METHODE APPROPRIEE

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

(72) **BOUCHARD, Daniel, Jean**; 2005 Bentwood Court, Cumming, GA 30041 (US). **LAU, Jark, Chong**; 2525 Powder Ridge, Roswell, GA 30076 (US). **LYNGSETH, Eldon, Lavaine**; 2743 Old Muskoka Road, RR #2, Utterson, Ontario P0B 1M0 (CA). **GROPP, Ronald, Frederick**; 131 Lakeshore Road, St. Catharines, Ontario L2N 2T8 (CA).

(74) **SIDOR, Karl, V.** et al. / etc.; 401 N. Lake St., Neenah, WI 54956 (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 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; 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)[6] **D21F 1/32**

(11) **WO 00/19009** (13) A1

(21) PCT/JP99/05023

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) ja (26) ja

(30) 10/288945 **25 Sep/sep 1998 (25.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • POLLUTION PREVENTION METHOD FOR CANVAS USED IN PAPER MACHINE
• PROCEDE DE PREVENTION DE POLLUTION D'UNE TOILE A VOILE UTILISEE DANS UNE MACHINE A PAPIER

(71) **MAINTECH CO., LTD.** [JP/JP]; 28–14, Nagasaki 1–chome, Toshima–ku, Tokyo 171–0051 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SEKIYA, Kunio** [JP/JP]; Maintech Co., Ltd., 28–14, Nagasaki 1–chome, Toshima–ku, Tokyo 171–0051 (JP).

(74) **SHIRASAKI, Shinji**; Mikado Building, 5th floor, 29–21, Takadanobaba 1–chome, Shinjuku–ku, Tokyo 169–0075 (JP).

(81) AE AL AU BA BB BG BR CA CN CR CU CZ DM EE GD GE HR HU ID IL IN IS KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TR TT TZ UA US UZ VN YU ZA; 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] **D21F 3/02**

(11) **WO 00/19010** (13) A1

(21) PCT/SE99/01655

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 9803291–5 **25 Sep/sep 1998 (25.09.1998)** SE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LUBRICATING ARRANGEMENT AND METHOD WHEN IMPULSE–PRESSING A FIBRE WEB
• SYSTEME DE LUBRIFICATION ET PROCEDE CORRESPONDANT SUR COMPRESSION IMPULSIONNELLE D'UNE BANDE DE FIBRES

(71) **VALMET–KARLSTAD AB** [SE/SE]; Box 1014, S–651 15 Karlstad (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KILIAN, Malin** [SE/SE]; Värmlandsgatan 9, S–652 22 Karlstad (SE). **GUSTAVSSON, Lars** [SE/SE]; Rosenbadsgatan 3A, S–652 26 Karlstad (SE). **NYMAN, Mikael** [SE/SE]; Södra Lagerlövsgatan 7, S–667 33 Forshaga (SE).

(74) **GÖTEBORGS PATENTBYRÅ DAHLS AB**; Sjöporten 4, S–417 64 Göteborg (SE).

(81) BR CA JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **D21F 5/00, 1/32**

(11) **WO 00/19011** (13) A1

(21) PCT/JP99/05021

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) ja (26) ja

(30) 10/288934 **25 Sep/sep 1998 (25.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • POLLUTION CONTROL METHOD FOR CYLINDRICAL DRYER USED IN PAPER MACHINE
• PROCEDE DE REDUCTION DE LA POLLUTION D'UN SECHEUR CYLINDRIQUE UTILISE DANS UNE MACHINE A PAPIER

(71) **MAINTECH CO., LTD.** [JP/JP]; 28–14, Nagasaki 1–chome, Toshima–ku, Tokyo 171–0051 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SEKIYA, Kunio** [JP/JP]; Maintech Co., Ltd., 28–14, Nagasaki 1–chome, Toshima–ku, Tokyo 171–0051 (JP).

(74) **SHIRASAKI, Shinji**; Mikado Building, 5th floor, 29–21, Takadanobaba 1–chome, Shinjuku–ku, Tokyo 169–0075 (JP).

(81) AE AL AU BA BB BG BR CA CN CR CU CZ DM EE GD GE HR HU ID IL IN IS KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TR TT TZ UA US UZ VN YU ZA; 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)[6] **D21F 5/00, 1/32**

(11) **WO 00/19012** (13) A1

(21) PCT/JP99/05022

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) ja (26) ja

(30) 10/288942 **25 Sep/sep 1998 (25.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • POLLUTION PREVENTION METHOD FOR CYLINDRICAL DRYER USED IN PAPER MACHINE
• PROCEDE DE PREVENTION DE POLLUTION D'UN SECHEUR CYLINDRIQUE UTILISE DANS UNE MACHINE A PAPIER

(71) **MAINTECH CO., LTD.** [JP/JP]; 28–14, Nagasaki 1–chome, Toshima–ku, Tokyo 171–0051 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SEKIYA, Kunio** [JP/JP]; Maintech Co., Ltd., 28–14, Nagasaki 1–chome, Toshima–ku, Tokyo 171–0051 (JP).

(74) **SHIRASAKI, Shinji**; Mikado Building, 5th floor, 29–21, Takadanobaba 1–chome, Shinjuku–ku, Tokyo 169–0075 (JP).

(81) AE AL BA BB BG BR CA CN CR CU CZ DM EE GD GE HR HU ID IL IN IS KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TR TT TZ UA US UZ VN YU ZA; 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] **D21F 7/00**

(11) **WO 00/19013** (13) A1

(21) PCT/FI99/00795

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 982087 **29 Sep/sep 1998 (29.09.1998)** FI

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE FOR CONVEYING AND GUIDING A LEAD–IN STRIP OF A WEB IN A PAPER MACHINE
• DISPOSITIF D'ENTRAINEMENT ET DE GUIDAGE DE L'AMORCE DE BANDE DANS UNE MACHINE A PAPIER

(71) **VALMET CORPORATION** [FI/FI]; Fabianinkatu 9 A, FIN–00130 Helsinki (FI).

(72) **AUTIO, Jukka**; Paska–Avenue 114, FIN–43500 Kartsula (FI).

(74) **FORSSÉN & SALOMAA OY**; Yrjönkatu 30, FIN–00100 Helsinki (FI).

(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 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; 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] **D21F 11/00**

(11) **WO 00/19014** (13) A1

(21) PCT/US99/21877

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) en (26) en

(30) 09/165,888 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HIGH CALIPER PAPER AND PAPERMAKING BELT FOR PRODUCING THE SAME
• PAPIER DE FORTE EPAISSEUR ET TOILE DE MACHINE A PAPIER SERVANT A LA PRODUCTION DE CE PAPIER

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

(72) **FICKE, Jonathan, Andrew**; 1928 Oakridge Drive, Lawrenceburg, IN 47025 (US). **ZHANG, Yanping**; 6855 Rainwood Court, Middletown, OH 45044 (US). **VINSON, Kenneth, Douglas**; 303 Wyoming Avenue, Wyoming, OH 45215 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217–1087 (US).

(81) AE 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 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 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 UZ VN YU ZA ZW; 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] **D21H 21/16, 21/40**

(11) **WO 00/19015** (13) A1

(21) PCT/GB99/03208

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 9820877.0 **26 Sep/sep 1998 (26.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PAPER PRODUCTS AND CHEMICAL FORMULATIONS FOR THEIR MANUFACTURE
• PRODUITS PAPETIERS ET FORMULATIONS CHIMIQUES ASSOCIEES A LEUR FABRICATION

(71) **GHELANI, Meena, Paresh** [GB/GB]; 2 Priory Close, Off Fosse Way, Syston, Leicester LE7 1RY (GB).
(only for / seulement pour MW)

(71, 72) **KAPADIA, Suresh, Babubhai** [IN/IN]; BCS Security Products Pvt. Ltd., Tilak Path, Nashik 422 001 (IN).

(74) **JONES, Stephen, Anthony**; Lewis & Taylor, 144 New Walk, Leicester LE1 7JA (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 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; 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] **D21H 21/48, B42D 15/10, G09F 3/00 // B42D 223:00, 225:00**

(11) **WO 00/19016** (13) A1

(21) PCT/CH99/00450

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) de (26) de

(30) 1958/98 **25 Sep/sep 1998** CH **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ANTIFALSIFICATION PAPER AND OTHER ANTIFALSIFICATION ITEMS
• PAPIER DE SECURITE ET AUTRES ARTICLES DE SECURITE

(71) **ETHZ INSTITUT FÜR POLYMERE** [CH/CH]; Universitätsstrasse 41, CH–8092 Zürich (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEDER, Christoph** [CH/CH]; Hofstrasse 25, CH–8136 Gattikon (CH). **SMITH, Paul** [NL/CH]; Huttensteig 10, CH–8006 Zürich (CH).

(74) **TROESCH SCHEIDEGGER WERNER AG**; Siewerdtstrasse 95, Postfach, CH–8050 Zürich (CH).

(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 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; 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] **E01C 13/06**

(11) **WO 00/19017** (13) A1

(21) PCT/FR99/02330

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) fr (26) fr

(30) 98/12408 **30 Sep/sep 1998** FR **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • POROUS SUPPORT–COVERING FOR PLAYING FIELDS
• REVETEMENT–SUPPORT POREUX POUR TERRAINS DE SPORT

(71, 72) **BOUISSET, Alain** [FR/FR]; Quartier Saint–Jean, F–13370 Mallemort (FR). **FERRIER, Jean–Claude** [FR/FR]; Quartier des Rostanges, F–84300 Cavaillon (FR).

(74) **CABINET ROMAN**; 35, rue Paradis, Boîte postale 2224, F–13207 Marseille Cedex 01 (FR).

(81) ; 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] **E01D 19/04, 101/30**

(11) **WO 00/19018** (13) A1

(21) PCT/EP99/07247

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) de (26) de

(30) 198 44 963.1 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BEARING FOR THE BASE POINT OF A STEEL BRIDGE AND METHOD FOR PRODUCING THE SAME
• SUPPORT POUR LA BASE D'UN PONT METALLIQUE ET PROCEDE PERMETTANT DE LE PRODUIRE

(71) **MAX BÖGL BAUUNTERNEHMUNG GMBH & CO. KG** [DE/DE]; Postfach 11 20, D–92301 Neumarkt (DE).

(72) **SCHUMMER, Nikolaus**; Am Lohgraben 10, D–92318 Neumarkt (DE).

(74) **BERGMEIER, Werner**; Friedrich–Ebert–Strasse 84, D–85055 Ingolstadt (DE).

(81) CZ PL; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[7] **E01D 19/04**

(11) **WO 00/19019** (13) A1

(21) PCT/KR99/00591

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) ja (26) ja

(30) 1998/18786 U **30 Sep/sep 1998** KR **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HIGH GROUND PRESSURE ELASTIC PAD
• SEMELLE ELASTIQUE POUR PRESSION ELEVEE AU SOL

(71) **HYUP SUNG INDUSTRIAL CO., LTD.** [KR/KR]; 447–5, Chobu–Ri, Mohyon–Myon, Yongin–City, Kyunggi–Do 449–850 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PARK, Young, Sun** [KR/KR]; #104 Samwoo–Yunrip, 1598–10 Bongchon 7–Dong, Kwanak–Gu, Seoul 151–057 (KR).

(74) **KIM, Yoon, Bae**; Dongduk Building, 8th floor, 151–8, Kwanhoon–dong, Jongro–gu, Seoul 110–300 (KR).

(81) CN JP US.

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(51)[7] **E01D 19/04**

(11) **WO 00/19020** (13) A1

(21) PCT/KR99/00593

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) ja (26) ja

(30) 1998/18788 **30 Sep/sep 1998** KR **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HIGH GROUND PRESSURE ELASTIC SUPPORT
• SUPPORT ELASTIQUE A PRESSION AU SOL ELEVEE

(71) **HYUP SUNG INDUSTRIAL CO., LTD.** [KR/KR]; 447–5, Chobu–Ri, Mohyon–Myon, Yongin–City, Kyunggi–Do 449–850 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PARK, Young, Sun** [KR/KR]; #104 Samwoo–Yunrip, 1598–10 Bongchon 7–dong, Kwanak–gu, Seoul 151–057 (KR).

(74) **KIM, Yoon, Bae**; Dongduk Building, 8th floor, 151–8, Kwanhoon–dong, Jongro–gu, Seoul 110–300 (KR).

(81) CN JP US.

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(51)[7] **E01H 1/12, A01K 31/04, 1/01**

(11) **WO 00/19021** (13) A1

(21) PCT/ES99/00301

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) es (26) es

(30) U 9802404 **25 Sep/sep 1998** ES **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • COLLECTOR FOR ANIMAL EXCREMENTS
• RAMASSEUR D'EXCREMENTS D'ANIMAUX

(71, 72) **GARCIA DE LA INFANTA, Enrique** [ES/ES]; Calle Alalpardo n°6, 1°C, E–28140 Fuente el Saz (ES).

(74) **GARCIA DEL SANTO, Javier**; Calle Castelló, 39, 1° Izq., E–28001 Madrid (ES).

(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; 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 : *(c)*

(51)[7] **E02B 5/08, B01D 29/33**

(11) **WO 00/19022** (13) A1

(21) PCT/US99/22204

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/164,238 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FLOW MODIFIER FOR SUBMERGED INTAKE SCREEN
• MODIFICATEUR DE DEBIT POUR GRILLE D'ARRIVEE D'EAU IMMERGEE

(71) **UNITED STATES FILTER CORPORATION** [US/US]; 40–004 Cook Street, Palm Desert, CA 92211 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAXSON, Richard, C.** [US/US]; 8110 Walnut Grove Lane North, Maple Grove, MN 55311 (US).

(74) **GANZI, Gary, C.**; United States Filter Corporation, 10 Technology Drive, Lowell, MA 01851 (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 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; 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 : *(c)*

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(51)[7] **E02D 17/20**

(11) **WO 00/19023** (13) A1

(21) PCT/EP99/07155

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) de (26) de

(30) 2005/98 **27 Sep/sep 1998** CH **(27.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • COVERING FOR A SLOPING SURFACE OR A SUPPORT FOR A SLOPING SURFACE AND AN ACCOMPANYING STRUCTURAL ELEMENT
• REVETEMENT POUR SURFACE EN PENTE OU SUPPORT POUR SURFACE EN PENTE ET ELEMENT DE CONSTRUCTION ASSOCIE

(71, 72) **JAECKLIN, Felix, Paul** [CH/CH]; Geissbergstrasse 46, CH–5400 Ennetbaden (CH).

(74) **FIEDLER, Otto, Karl**; Postfach 481, CH–8201 Schaffhausen (CH).

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

Published / Publiée : *(c)*

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(51)[7] **E03B 7/12**

(11) **WO 00/19024** (13) A1

(21) PCT/CA99/00897

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/162,830 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD OF WATER DISTRIBUTION AND APPARATUS THEREFOR
• PROCEDE DE DISTRIBUTION D'EAU ET APPAREIL S'Y RAPPORTANT

(71) **INTERNATIONAL WATER–GUARD INDUSTRIES INC.** [CA/CA]; 575 Powell Street, Vancouver, British Columbia V6A 1G8 (CA).

(72) **WALKER, Robert, E.**; 6 Wembley Lane, Mercer Island, WA 98040 (US).

(74) **TURLOCK, Lance, A.**; Davis & Company, 2800 Park Place, 666 Burrard Street, Vancouver, British Columbia V6C 2Z7 (CA).

(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 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; 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 : *(c)*

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(51)[6] **E03D 9/10**

(11) **WO 00/19025** (13) A1

(21) PCT/US99/22525

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/163,486 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SINGLE MOTOR, DUAL CLUTCH MARINE VESSEL TOILET
• TOILETTES A MOTEUR UNIQUE ET A DOUBLE EMBRAYAGE POUR BATEAU

(71) **WILCOX CRITTENDEN, INC.** [US/US]; 24 Rope Ferry Road, Waterford, CT 06385 (US).

(72) **RICHARDS, William, G.**; 1162 Anthony Road, Portsmouth, RI 02871 (US). **ALLEN, Donald, T.**; 47 Acorn Road, Madison, CT 06443 (US). **SAURO, David**; 593 Kettle Pond Drive, South Kingstown, RI 02879 (US). **BAIERLEIN, Richard, E.**; 3040 Grant Bay Boulevard, No.291, Longboat Key, FL 34228 (US).

(74) **SALTER, Elliot, A.** et al. / etc.; Salter & Michaelson, 321 South Main Street, Providence, RI 02903–7128 (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 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; 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 : *(c)*

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(51)[6] **E04B 1/02**

(11) **WO 00/19026** (13) A1

(21) PCT/US99/21187

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 09/161,552 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BIDIRECTIONALLY INTERLOCKING, HOLLOW BRICK
• BRIQUE CREUSE A EMBOITEMENT BIDIRECTIONNEL

(71, 72) **ALTEMUS, Armin, J.** [US/US]; 2640 Pleasant Street, Riverside, CA 92507 (US).

(74) **TOWNSLEY, Norton, R.**; Suite 330, 100 Corporate Pointe, Culver City, CA 90230 (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; 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] **E04B 1/19**

(11) **WO 00/19027** (13) A1

(21) PCT/FR99/02320

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) fr (26) fr

(30) 98/12270 **29 Sep/sep 1998** FR **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FRAMEWORK IN PARTICULAR FOR BUILDING CONSTRUCTION
• OSSATURE NOTAMMENT POUR LA CONSTRUCTION D'UN BATIMENT

(71, 72) **MUSPACH, David** [FR/CH]; Bürenweg 28, CH–4146 Hochwald (CH).

(74) **NITHARDT, Roland**; Cabinet Nithardt et Associés S.A., Boîte postale 1445, F–68071 Mulhouse Cedex (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 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; 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)[6] **E04B 1/38**

(11) **WO 00/19028** (13) A1

(21) PCT/US99/22452

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/161,968 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • UNITIZED SEISMIC BRACKET
• ENTRETOISE MONOBLOC PARASISMIQUE

(71) **TOMARCO CONTRACTOR SPECIALTIES, INC.** [US/US]; 6600 Artesia Boulevard, Buena Park, CA 90620 (US).

(72) **THOMPSON, William, J.**; 2120 Mendocino, Fullerton, CA 92831 (US). **WATKINS, Keith, L.**; 22600 Hidden Hills Road, Yorba Linda, CA 92887 (US).

(74) **GESS, Albin, H.**; Price, Gess & Ubell, Suite 250, 2100 S.E. Main Street, Irvine, CA 92614 (US).

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

Published / Publiée : *(c)*

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(51)[6] **E04B 1/72**

(11) **WO 00/19029** (13) A1

(21) PCT/AU99/00807

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 87152/98 **29 Sep/sep 1998 (29.09.1998)** AU

(30) PQ 0860 **29 Sep/sep 1998 (29.09.1998)** AU

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CONDUIT FITTING FOR TERMITES
• RACCORD DE CONDUIT CONTRE LES TERMITES

(71) **OULLA PTY LTD.** [AU/AU]; P.O. Box 516, Cotton Tree, QLD 4558 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BROOMHEAD, John** [AU/AU]; P.O. Box GE 17, Garbutt East Townsville, QLD 4814 (AU).

(74) **OULLA PTY LTD.**; P.O. Box 516, Cotton Tree, QLD 4558 (AU).

(81) AU US.

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(51)[7] **E04B 1/76, 1/78, D04H 1/70**

(11) **WO 00/19030** (13) A1

(21) PCT/EP99/06964

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) en (26) en

(30) 198 44 425.7 **28 Sep/sep 1998 (28.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MINERAL–WOOL INSULATION BOARD FOR INSULATION BETWEEN ROOF–RAFTERS, WOODEN–FRAME STRUCTURES AND PROCESS FOR ITS MANUFACTURING
• PANNEAU ISOLANT EN LAINE MINERALE, SERVANT A L'ISOLATION ENTRE LES CHEVRONS D'UN TOIT ET A CELLE DE STRUCTURES A BATI DE BOIS, ET PROCEDE DE FABRICATION ASSOCIE

(71) **ISOVER SAINT–GOBAIN** [FR/FR]; Les Miroirs, 18, avenue d'Alsace, F–92400 Courbevoie (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BIHY, Lothar** [DE/DE]; Eugen–Hertel–Strasse 9, D–67657 Kaiserslautern (DE). **NEUKIRCH, Dieter** [DE/DE]; Jakob–Müller–Strasse 24a, D–68623 Hüttenfeld–Lampertheim (DE). **KELLER, Horst** [DE/DE]; Johann–Wilhelm–Strasse 106, D–69259 Wilhelmsfeld (DE).

(74) **HERRMANN–TRENTEPOHL, W.** et al. / etc.; Forstenrieder Allee 59, D–81476 München (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 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; 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 2/08**

(11) **WO 00/19031** (13) A1

(21) PCT/DE99/01162

(22) **17 Apr/avr 1999 (17.04.1999)**

(25) de (26) de

(30) 198 44 579.2 **29 Sep/sep 1998 (29.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • WOOD BRICK COMPRISED OF HEAVY TIMBER WITH JOINING PINS AND PROVIDED FOR HOUSING CONSTRUCTION AND OTHER AREAS OF USE/APPLICATION
• BRIQUE EN BOIS CONSTITUEE DE BOIS MASSIF AVEC DES BROCHES D'ASSEMBLAGE, POUR LA CONSTRUCTION D'HABITATIONS ET POUR D'AUTRES UTILISATIONS ET DOMAINES D'APPLICATION

(71, 72) **HOBOY, Andreas** [DE/DE]; Etinger Strasse 17, D–39359 Kathendorf (DE).

(81) AE 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 US UZ VN YU ZA ZW; AP (SZ ZW); EP (BE FR GR IE IT LU MC NL); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)[7] **E04B 2/24, E04C 1/41, E04B 2/18**

(11) **WO 00/19032** (13) A1

(21) PCT/YU99/00007

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) P–430/98 **30 Sep/sep 1998 (30.09.1998)** YU

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • THE PROCESS OF PRODUCTION OF CONCRETE CERAMIC, INSULATING, MODULAR, FACADE TYPE, ECOLOGICAL BEARING WALL ELEMENTS
• PROCEDE DE PRODUCTION D'ELEMENTS DE MURS PORTEURS ECOLOGIQUES, DE FAÇADE, MODULAIRES, ISOLANTS EN BETON CERAMIQUE

(71, 72) **KEKANOVIĆ, Milan** [YU/YU]; Zetska 15/18, YU–24000 Subotica (YU).

(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 ZA ZW; 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 2/74**

(11) **WO 00/19033** (13) A1

(21) PCT/EP99/06922

(22) **18 Sep/sep 1999 (18.09.1999)**

(25) de (26) de

(30) 198 44 028.6 **25 Sep/sep 1998 (25.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PARTITION WALL
• CLOISON DE SEPARATION

(71) **PREFORM RAUMGLIEDERUNGSSYSTEME GMBH** [DE/DE]; Esbacher Weg 15, D–91555 Feuchtwangen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AUER, Karl–Heinz** [DE/DE]; Am Steinschräuflein 3, D–91596 Burk (DE). **LIEBRICH, Nicole** [DE/DE]; Bergbaustrasse 3, D–73433 Aalen (DE).

(74) **GRÄTTINGER, Günter** et al. / etc.; Grättinger & Partner (GbR), Wittelsbacher strasse 5, Postfach 16 55, D–82306 Starnberg 1 (DE).

(81) AE AL AU BA BB BG BR CA CN CR CU CZ DM GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TR TT TZ UA US UZ VN YU ZA; 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 2/74**

(11) **WO 00/19034** (13) A1

(21) PCT/EP99/06923

(22) **18 Sep/sep 1999 (18.09.1999)**

(25) de (26) de

(30) 198 44 027.8 **25 Sep/sep 1998** DE **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CONNECTING ELEMENT FOR CONNECTING TWO COMPONENTS OF A PARTITION WALL AND UTILIZATION OF SAID CONNECTING ELEMENT
• ELEMENT DESTINE A LA LIAISON DE DEUX PARTIES D'UNE CLOISON DE SEPARATION, ET UTILISATION DUDIT ELEMENT

(71) **PREFORM RAUMGLIEDERUNGSSYSTEME GMBH** [DE/DE]; Esbacher Weg 15, D–91555 Feuchtwangen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AUER, Karl–Heinz** [DE/DE]; Am Steinschräuflein 3, D–91596 Burk (DE). **LIEBRICH, Nicole** [DE/DE]; Bergbaustrasse 3, D–73433 Aalen (DE).

(74) **GRÄTTINGER, Günter** et al. / etc.; Grättinger & Partner (GbR), Wittelsbacherstrasse 5, Postfach 1655, D–82306 Starnberg 1 (DE).

(81) AE AL AU BA BB BG BR CA CN CR CU CZ DM GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TR TT TZ UA US UZ VN YU ZA; 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)[6] **E04B 2/74, F16S 1/02, E04C 2/38**

(11) **WO 00/19035** (13) A1

(21) PCT/ES98/00268

(22) **30 Sep/sep 1998 (30.09.1998)**

(25) es (26) es

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • WALL USED AS A PARTITION AND FURNITURE SUPPORT
• PANNEAU DE SEPARATION ET DE SUPPORT DE MOBILIER

(71) **A.F. SISTEMAS, S.A.** [ES/ES]; Antonio López, 257, E–28041 Madrid (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LOPEZ SALDAÑA, José Luis** [ES/ES]; Antonio López, 257, E–28041 Madrid (ES).

(74) **ESTEBAN PEREZ–SERRANO, Mª Isabel**; Explanada, 8, E–28040 Madrid (ES).

(81) US; EA (AM AZ BY KG 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] **E04F 15/02, E01C 5/22**

(11) **WO 00/19036** (13) A1

(21) PCT/EP99/07138

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) de (26) de

(30) 298 17 296.8 **25 Sep/sep 1998** DE **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SUBSTRUCTURE FOR TILES, PAVING STONES AND THE LIKE
• INFRASTRUCTURE POUR CARREAUX, PAVES OU ELEMENTS ANALOGUES

(71) **ESTO–KLINKER EBERSDORFER SCHAMOTTE– UND TONWERKE GMBH** [DE/DE]; Birkleite 4, D–96237 Ebersdorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHULTZ, Walter, F.** [DE/DE]; Am Tau 22, D–96472 Rödental (DE).

(74) **EICHSTÄDT, Alfred**; Maryniok & Eichstädt, Kuhbergstrasse 23, D–96317 Kronach (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; 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] **E04F 19/06**

(11) **WO 00/19037** (13) A1

(21) PCT/FR99/02332

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) fr (26) fr

(30) 98/12397 **30 Sep/sep 1998** FR **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • THRESHOLD BAR WITH LEVEL COMPENSATION
• BARRE DE SEUIL A RATTRAPAGE DE NIVEAU

(71) **DINAC S.A.** [FR/FR]; Z.I., Boîte postale 29, F–38350 La Mure (FR).

(72) **PERRUZO, Jean–Yves**; 5, Boulevard du Stade, F–38350 La Mure (FR). **GERGONNE, Michel**; 35, rue du Maquis, Marchon–Arbent, F–01100 Oyonnax (FR).

(74) **DE BEAUMONT, Michel**; Cabinet Conseil, 1, rue Champollion, F–38000 Grenoble (FR).

(81) CA PL ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **E04G 11/48**

(11) **WO 00/19038** (13) A1

(21) PCT/ES99/00306

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) es (26) es

(30) P 9802036 **30 Sep/sep 1998** ES **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • RECOVERABLE FORMWORK SYSTEM
• SYSTEME DE COFFRAGE RECUPERABLE

(71, 72) **LOPEZ PINGARRON, Francisco Javier** [ES/ES]; Calle Antonio Moraleda, 51, E–45100 Sonseca (ES).

(74) **DOMINGUEZ COBETA, Josefa**; Calle Santa Virgilia, 12–2B, E–28033 Madrid (ES).

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

Published / Publiée : *(c)*

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(51)[7] **E04G 21/04, B28C 5/42**

(11) **WO 00/19039** (13) A1

(21) PCT/EP99/06816

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) de (26) de

(30) 198 44 341.2 **28 Sep/sep 1998 (28.09.1998)** DE

(30) 198 50 009.2 **30 Oct/oct 1998 (30.10.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AUTO CONCRETE PUMP
• POMPE RADIALE A BETON

(71) **PUTZMEISTER AKTIENGESELLSCHAFT** [DE/DE]; Max–Eyth–Strasse 10, D–72632 Aichtal (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EBINGER, Willi** [DE/DE]; Seilerstrasse 10/1, D–71144 Steinenbronn (DE). **SCHNEIDER, Dieter** [DE/DE]; Johannesstrasse 48, D–70794 Filderstadt (DE). **HUSLIK, Alexander** [DE/DE]; Ruhlenbergstrasse 7, D–72829 Engstingen (DE).

(74) **WOLF, Eckhard** et al. / etc.; Wolf & Lutz, Hauptmannsreute 93, D–70193 Stuttgart (DE).

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

Published / Publiée : *(c)*

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(51)[7] **E04H 4/08**

(11) **WO 00/19040** (13) A1

(21) PCT/FR99/02256

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) fr (26) fr

(30) 98/12192 **25 Sep/sep 1998 (25.09.1998)** FR

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE FOR COVERING POOLS, IN PARTICULAR SWIMMING POOLS
• DISPOSITIF DE COUVERTURE DE BASSINS, NOTAMMENT POUR PISCINES

(71, 72) **DURAND, Louis** [FR/FR]; Cheyrac, F–43000 Polignac (FR).

(74) **DUPUIS, François** et al. / etc.; Cabinet Laurent & Charras, 3, place de l'Hôtel de Ville, Boîte postale No. 203, F–42005 Saint Etienne Cedex (FR).

(81) AU CA JP MX NZ US ZA; 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] **E04H 15/18, E04B 7/14**

(11) **WO 00/19041** (13) A1

(21) PCT/NO99/00275

(22) **2 Sep/sep 1999 (02.09.1999)**

(25) no (26) en

(30) 19984583 **30 Sep/sep 1998 (30.09.1998)** NO

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • WEIGHTABLE FOIL SHEET
• FEUILLE METALLIQUE POUVANT ETRE CHARGEE

(71, 72) **HAGESETER, Arne** [NO/NO]; Solliveien 13, N–4020 Stavanger (NO).

(74) **HÅMSO, Borge** et al. / etc.; Håmsø Patentbyrå Ans, P.o. Box 171, N–4302 Sandnes (NO).

(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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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 : *(c)*

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(51)[7] **E04H 15/20**

(11) **WO 00/19042** (13) A1

(21) PCT/IE99/00101

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) S980796 **25 Sep/sep 1998 (25.09.1998)** IE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AN INFLATABLE WORK SHELTER
• ABRI DE TRAVAIL GONFLABLE

(71, 72) **NAGLE, Ian, Gerard** [IE/IE]; Lackin House, Middle Glanmire Road, Cork, Co. Cork (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 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.

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(51)[6] **E04H 17/10, A01K 3/00**

(11) **WO 00/19043** (13) A1

(21) PCT/IS98/00009

(22) **25 Sep/sep 1998 (25.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • WIRE–FASTENING DEVICE FOR POLES
• DISPOSITIF DE FIXATION DE FIL POUR POTEAU

(71, 72) **HJARTARSON, Jon, Einar** [IS/IS]; Laek, Oelfusi, IS–801 Selfoss (IS).

(74) **DAVIDSSON, Einar, Orn**; Baldursgata 11, IS–101 Reykjavik (IS).

(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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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)[6] **E05B 15/02**

(11) **WO 00/19044** (13) A1

(21) PCT/US99/22758

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/165,265 **1 Oct/oct 1998 (01.10.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BLIND LATCH KEEPER
• SYSTEME DE RETENUE D'UN VERROU "AVEUGLE"

(71) **SOUTHCO, INC.** [US/US]; 210 North Brinton Lake Road, Concordville, PA 19331 (US).

(72) **SOKURENKO, William, E.**; 307 S. Sharp Avenue, Glenolden, PA 19036 (US). **TURNER, D., Dale**; 23 Cheese Factory Road, Honeoye Falls, NY 14472–9318 (US). **DECECCHIS, James, T.** (deceased / décédé).

(74) **TAUFER, Paul, A.** et al. / etc.; Paul & Paul, 2900 Two Thousand Market Street, Philadelphia, PA 19103 (US).

(81) AT AU BR CA CH CN CZ DE DK ES FI GB HU ID IL IN JP KR LU MX NO NZ PL PT RU SE SG SI TR UA; 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] **E05B 17/22, 65/12, 47/00**

(11) **WO 00/19045** (13) A1

(21) PCT/DE99/03047

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) de (26) de

(30) 198 44 778.7 **30 Sep/sep 1998 (30.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MOTOR VEHICLE DOOR LOCK OR THE LIKE COMPRISING AN ELECTRONIC MOTOR DRIVE
• SERRURE DE PORTIERE D'AUTOMOBILE OU SIMILAIRE MUNIE D'UNE COMMANDE DE MOTEUR ELECTRONIQUE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D–70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOCH, Stefan** [DE/DE]; Lindenbrunnenstrasse 3, D–77855 Achern (DE). **WEYERSTALL, Bernd** [DE/DE]; Schenkstrasse 83, D–42369 Wuppertal (DE). **HUGEL, Robert** [DE/DE]; Joseph–Von–Eichendorff–Strasse 9, D–76199 Karlsruhe (DE).

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

Published / Publiée : *(c)*

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(51)[7] **E05B 37/16**

(11) **WO 00/19046** (13) A1

(21) PCT/US99/22814

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/164,403 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IMPROVED PUSHBUTTON LOCK
• AMELIORATIONS APPORTEES A UNE SERRURE A BOUTONS POUSSOIRS

(71) **SLC TECHNOLOGIES, INC.** [US/US]; 4001 Fairview Industrial Dr. S.E., P.O. Box 3167, Salem, OR 97301–0167 (US).

(72) **BURLEIGH, Charles, E.**; 3511 Elderberry Drive South, Salem, OR 97302 (US). **LARSON, Wayne, F.**; 1055 Schurman Drive S., Salem, OR 97302 (US).

(74) **GIRARD, Michael, P.**; Klarquist, Sparkman, Campbell, Leigh & Whinston, LLP, One World Trade Center, Suite 1600, 121 S.W. Salmon Street, Portland, OR 97204 (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 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; 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 : *(c)*

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(51)[7] **E05B 49/00, G08B 21/00**

(11) **WO 00/19047** (13) A1

(21) PCT/EP99/07152

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) fr (26) fr

(30) 98/12092 **28 Sep/sep 1998** FR **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR LOCATING A MOTOR VEHICLE
• PROCEDE DE LOCALISATION D'UN VEHICULE AUTOMOBILE

(71) **SIEMENS AUTOMOTIVE S.A.** [FR/FR]; Avenue du Mirail, BP 1149, F–31036 Toulouse Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEFAURE, Philippe** [FR/FR]; Chemin de la Côte Village, F–31450 Montbrun Lauragais (FR).

(74) **ZEDLITZ, Peter**; Siemens Automotive S.A., Postfach 22 13 17, D–80503 München (DE).

(81) US; 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] **E05B 69/00, G08B 13/14, A47G 25/06**

(11) **WO 00/19048** (13) A1

(21) PCT/NL99/00601

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) nl (26) en

(30) 1010220 **30 Sep/sep 1998** NL **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A DEVICE CONSISTING OF A RAIL WHICH IS PROVIDED WITH SWITCHES AND/OR RECORDING ELEMENTS BY MEANS OF WHICH THE PRESENCE OR ABSENCE, POSITION AND/OR THE WEIGHT OF GOODS HUNG ON SAID RAIL CAN BE DETERMINED, THE VARIOUS FEATURES SERVING FOR SECURITY OF OR STOCK MANAGEMENT OF THE ABOVE MENTIONED GOODS
• SYSTEME CONSTITUE D'UN RAIL MUNI DE COMMUTATEURS ET/OU D'ELEMENTS D'ENREGISTREMENT AU MOYEN DESQUELS LA PRESENCE OU L'ABSENCE, LA POSITION ET/OU LE POIDS DES PRODUITS ACCROCHES AUDIT RAIL PEUVENT ETRE DETERMINES, DIVERSES FONCTIONS SERVANT A LA SECURITE OU A LA GESTION DES STOCKS DESDITS PRODUITS

(71, 72) **VEEN, Egbert** [NL/NL]; Brasserskade 84, NL–2612 CG Delft (NL).

(81) AU BR CA JP MX RU TR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[6] **E05C 1/12**

(11) **WO 00/19049** (13) A1

(21) PCT/US99/22273

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 09/161,507 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SAFETY LATCH
• VERROU DE SECURITE

(71) **DOLLMAN TECHNICAL SERVICES, INC.** [US/US]; 5702 Eber Road, Whitehouse, OH 43571 (US).

(72) **DOLLMAN, James, M.**; 2763 Bradford Drive, Toledo, OH 43614 (US). **DOLLMAN, Joseph, A.**; 623 West Dudley Street, Maumee, OH 43537 (US).

(74) **OLIFF, James, A.** et al. / etc.; Oliff & Berridge, PLC, P.O. Box 19928, Alexandria, VA 22320 (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 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; 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] **E05C 1/12**

(11) **WO 00/19050** (13) A1

(21) PCT/US99/22609

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/163,254 **30 Sep/sep 1998** US **(30.09.1998)**

(30) 60/110,384 **1 Dec/déc 1998** US **(01.12.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LOAD FLOOR SLAM–ACTION PAWL LATCH
• VERROU A CROCHET A FERMETURE BRUSQUE PAR CLAQUEMENT POUR PLANCHER DE CHARGE

(71) **SOUTHCO, INC.** [US/US]; 210 North Brinton Lake Road, Concordville, PA 19331 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PINKOW, Christopher, J.** [US/US]; 3129 William Road, Boothwyn, Delaware County, PA 19061 (US). **MICHAUD, William, F.** [US/US]; 1410 Mill Creek Road, West Chester, PA 19380 (US). **PETERS, John** [US/US]; 324 Hanby Circle, Boothwyn, PA 19061 (US).

(74) **BONINI, Frank, J., Jr.** et al. / etc.; Paul & Paul, 2900 Two Thousand Market Street, Philadelphia, PA 19103 (US).

(81) AT AU AZ BR CA CH CN CZ DE DK ES FI GB HU ID IL JP KR LU MX NO NZ PL PT RU SE SG SI TR UA US; 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] **E06B 3/96**

(11) **WO 00/19051** (13) A1

(21) PCT/BE99/00123

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 9800695 **29 Sep/sep 1998 (29.09.1998)** BE

(30) 9900041 **21 Jan/jan 1999 (21.01.1999)** BE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CORNER JOINT AND METHOD FOR MAKING SUCH A CORNER JOINT, AS WELL AS INFEED CORNER PIECES TO REALISE SUCH A CORNER JOINT
• ASSEMBLAGE DE JOINT EN COIN, SON PROCEDE DE REALISATION, ET PIECES DISSIMULEES SERVANT A LE REALISER

(71, 72) **BROCHEZ, Alain** [BE/BE]; Achiel Van Eechautestraat 4, B–9800 Deinze (BE).

(74) **DONNE, Eddy**; Bureau M.F.J. Bockstael nv, Arenbergstraat 13, B–2000 Antwerpen (BE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; 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)[6] **E06C 5/34**

(11) **WO 00/19052** (13) A1

(21) PCT/US99/22560

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,583 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FALL PROTECTION SYSTEM AND METHOD
• PROTECTION ANTI–CHUTE: SYSTEME ET METHODE

(71, 72) **BAILLARGEON, Paul, D.** [US/US]; 103 Horse Corner Road, Chichester, NH 03234 (US).

(72) **KLUGHART, Kevin**; 14 Chapel Street, Concord, NH 03301–4305 (US).

(74) **BOURQUE, Daniel, J.** et al. / etc.; Bourque & Associates, P.A., 835 Hanover Street, Manchester, NH 03104 (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 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; 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 : *(c)*

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(51)[7] **E06C 7/44**

(11) **WO 00/19053** (13) A1

(21) PCT/FR99/02286

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) fr (26) fr

(30) 98/11992 **25 Sep/sep 1998 (25.09.1998)** FR

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LADDER DEVICE FOR ALL SURFACES
• DISPOSITIF POUR ECHELLES TOUT TERRAIN

(71, 72) **KASSAPIAN, Michel** [FR/FR]; 16, rue Gustave Courbet, F–92220 Bagneux (FR).

(74) **VERDIER, Louis**; Cabinet Argos Innovation & Associés, 5bis avenue Gilles, CPI N° 92–1248, F–94340 Joinville le Pont (FR) et al. / etc.

(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 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; 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 : *(c)*

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(51)[6] **E21B 4/02**

(11) **WO 00/19054** (13) A1

(21) PCT/US99/22610

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/163,968 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LUBRICANT CIRCULATION SYSTEM FOR DOWNHOLE BEARING ASSEMBLY
• SYSTEME DE CIRCULATION DE LUBRIFIANT POUR ENSEMBLE ROULEMENT DE FORATION DESCENDANTE

(71) **INTEDYNE L.L.C.** [US/US]; 12539 Cutten Road, Houston, TX 77066 (US).

(72) **VON GYNZ–REKOWSKI, Gunther**; 9307 Cedar Point Circle, Houston, TX 77070 (US). **LE, Tuong, T.**; 7234 Pouter Drive, Houston, TX 77083 (US).

(74) **ROSENBLATT, Steve**; Duane, Morris & Heckscher LLP, One Liberty Place, Philadelphia, PA 19103–7396 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN 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 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; 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 : *(c)*

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(51)[7] **E21B 10/18, 10/60**

(11) **WO 00/19055** (13) A1

(21) PCT/US99/22434

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 60/102,286 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ROLLER BIT WITH COLLIMATED JETS SWEEPING SEPARATE BOTTOM–HOLE TRACKS
• TREPAN A MOLETTES A JETS ALIGNES PERMETTANT DE BALAYER DES TRACES DISTINCTES DE FOND DE TROU

(71) **HALLIBURTON ENERGY SERVICES, INC.** [US/US]; 2601 Belt Line Road, Carrollton, TX 75006 (US).

(72) **CRAWFORD, Micheal, B.**; 707 Olympia Drive, Duncanville, TX 75137 (US).

(74) **GROOVER, Robert** et al. / etc.; Groover & Associates, PC, 17000 Preston Road #230, Dallas, TX 75248 (US).

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

Published / Publiée : *(c)*

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(51)[7] **E21B 17/042**

(11) **WO 00/19056** (13) A1

(21) PCT/SE99/01652

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 9803267–5 **28 Sep/sep 1998 (28.09.1998)** SE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • THREAD COUPLING FOR A DRILL STRING FOR PERCUSSIVE ROCK DRILLING

• TRAIN DE TIGES A RACCORDS FILETES POUR PERÇAGE A PERCUSSION DANS LA ROCHE

(71) **UNIROC AB** [SE/SE]; P.O. Box 521, S–737 25 Fagersta (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SANDSTRÖM, Roger** [SE/SE]; Ekallén 4, S–737 40 Fagersta (SE).

(74) **GRUNDFELT, Gunnar**; Atlas Copco Rock Drills AB, Patents, S–701 91 Örebro (SE).

(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; 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 17/042**

(11) **WO 00/19057** (13) A1

(21) PCT/SE99/01653

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 9803268–3 **28 Sep/sep 1998** SE **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • THREAD COUPLING FOR A DRILL STRING FOR PERCUSSIVE ROCK DRILLING
• TRAIN DE TIGES A RACCORDS FILETES POUR PERÇAGE A PERCUSSION DANS LA ROCHE

(71) **UNIROC AB** [SE/SE]; P.O. Box 521, S–737 25 Fagersta (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GUSTAFSSON, Christer** [SE/SE]; Dunderbostigen 5, S–738 32 Norberg (SE).

(74) **GRUNDFELT, Gunnar**; Atlas Copco Rock Drills AB, Patents, S–701 91 Örebro (SE).

(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; 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 : *(c)*

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(51)[7] **E21B 19/06, 19/10**

(11) **WO 00/19058** (13) A1

(21) PCT/GB99/03014

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 9820802.8 **25 Sep/sep 1998** GB **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AN APPARATUS FOR FACILITATING THE CONNECTION OF TUBULARS USING A TOP DRIVE
• APPAREIL FACILITANT LE RACCORDEMENT D'ELEMENTS TUBULAIRES PAR LE DESSUS

(71) **WEATHERFORD/LAMB, INC.** [US/US]; c/o CSC – The United States Corporation Company, 1013 Centre Road, Wilmington, DE 19805 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **APPLETON, Robert, Patrick** [GB/GB]; Glenburn House, Tornaveen, Banchory, Aberdeenshire AB31 4NV (GB).

(74) **LIND, Robert**; Marks & Clerk, 4220 Nash Court, Oxford Business Park South, Oxford OX4 2RU (GB).

(81) AU CA NO US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[7] **E21B 19/09, E02B 17/00**

(11) **WO 00/19059** (13) A1

(21) PCT/GB99/03250

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 9821163.4 **30 Sep/sep 1998** GB **(30.09.1998)**

(30) 9821738.3 **7 Oct/oct 1998** GB **(07.10.1998)**

(30) 9825163.0 **18 Nov/nov 1998** GB **(18.11.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • RECOVERY OF SUBMERGED STRUCTURES
• RECUPERATION DE STRUCTURES SUBMERGEES

(71, 72) **DIXON–ROCHE, Keith** [GB/GB]; 215 Old Dover Road, Canterbury, Kent CT1 3ER (GB).

(74) **PACITTI, Paolo**; Murgitroyd & Company, 373 Scotland Street, Glasgow G5 8QA (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 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; 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 : *(c)*

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(51)[6] **E21B 21/01, 17/02, 21/10**

(11) **WO 00/19060** (13) A1

(21) PCT/US99/22051

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 09/161,051 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TUBULAR FILLING SYSTEM
• SYSTEME DE REMPLISSAGE DE MATERIEL TUBULAIRE

(71) **GUS MULLINS & ASSOCIATES, INC.** [US/US]; 600 Kenrick, Houston, TX 77060 (US).

(72) **MULLINS, Albert, Augustus**; 18706 Arcaro Glen Court, Houston, TX 77346 (US).

(74) **ROSENBLATT, Steve**; Duane, Morris & Heckscher LLP, One Liberty Place, Philadelphia, PA 19103–7396 (US).

(81) NO; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[6] **E21B 23/00, 19/02**

(11) **WO 00/19061** (13) A1

(21) PCT/US99/22187

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/101,882 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SYSTEM, APPARATUS, AND METHOD FOR INSTALLING CONTROL LINES IN A WELL
• SYSTEME, APPAREIL ET PROCEDE DESTINES A L'INSTALLATION DE CANALISATIONS DE COMMANDE A L'INTERIEUR D'UN PUITS

(71, 72) **SONNIER, Errol, A.** [US/US]; 202 Oakmont Circle, Broussard, LA 70518 (US).

(74) **TORRES, Carlos, A.**; Browning Bushman, Suite 1800, 5718 Westheimer Road, Houston, TX 77057 (US).

(81) AU BR CA MX NO TT; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[7] **E21B 37/06, 43/25, B01F 17/00**

(11) **WO 00/19062** (13) A1

(21) PCT/GB99/03135

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) en (26) en

(30) 09/161,040 **26 Sep/sep 1998** US **(26.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ACIDIC SURFACTANT COMPOSITION AND METHOD FOR CLEANING WELLBORE AND FLOWLINE SURFACES USING THE SURFACTANT COMPOSITION
• COMPOSITION TENSIOACTIVE ACIDE ET PROCEDE SERVANT A NETTOYER DES SURFACES DE PUITS DE SONDAGE ET DE CONDUITS D'ECOULEMENT AU MOYEN DE CETTE COMPOSITION

(71) **ATLANTIC RICHFIELD COMPANY** [US/US]; 2300 West Plano Parkway, Plano, TX 75075 (US).
(for all designated States except / pour tous les États désignés sauf MW)

(71) **ARCO BRITISH LIMITED** [GB/GB]; Cross Lanes (off London Road), London Square, Guildford, Surrey, GU1 1UE (GB).
(only for / seulement pour MW)

(72) **CHAN, Albert, F.**; 1504 Glastonbury Drive, Plano, TX 75075 (US).

(74) **COLMER, Stephen, Gary**; Mathys & Squire, 100 Gray's Inn Road, London WC1X 8AL (GB).

(81) CA ID MW NO; 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] **E21F 17/107, 17/12**

(11) **WO 00/19063** (13) A1

(21) PCT/GB99/03195

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 9820945.5 **25 Sep/sep 1998 (25.09.1998)** GB

(30) 9902406.9 **3 Feb/fév 1999 (03.02.1999)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • APPARATUS FOR CLOSING OFF AN UNDERGROUND PASSAGE
• APPAREIL DE FERMETURE POUR PASSAGE SOUTERRAIN

(71) **THAMES WATER UTILITIES LIMITED** [GB/GB]; Gainsborough House, Manor Farm Road, Reading, Berkshire RG2 0JN (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SMITH, Alan, James** [GB/GB]; Hillview, Grosvenor Terrace, Hemel Hempstead, Herts HP1 1QJ (GB). **WATERS, Colin, John** [GB/GB]; 16 Fosters Grove, Windlesham, Surrey GU20 6JZ (GB).

(74) **JOHNSON, Terence, Leslie**; Edward Evans & Co., Chancery House, 53–64 Chancery Lane, London WC2A 1SD (GB).

(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; 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)[6] **F01B 29/10, F25B 9/00**

(11) **WO 00/19064** (13) A1

(21) PCT/US98/20689

(22) **28 Sep/sep 1998 (28.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DOUBLE ACTING PULSE TUBE ELECTROACOUSTIC SYSTEM
• SYSTEME ELECTROACOUSTIQUE COMPRENANT UN TUBE A IMPULSIONS ET A DOUBLE ACTION

(71, 72) **WIGHARD, Herbert, F.** [US/US]; Suite 248, 9122 South Federal Highway, Port St. Lucie, FL 34952 (US).

(74) **HALEY, Barry, L.** et al. / etc.; Malin, Haley, DiMaggio & Crosby, P.A., Suite 1609, One East Broward Boulevard, Fort Lauderdale, FL 33301 (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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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] **F01D 5/20**

(11) **WO 00/19065** (13) A1

(21) PCT/DE99/02989

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) de (26) de

(30) 198 45 026.5 **30 Sep/sep 1998 (30.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • GAS TURBINE MOVING BLADE AND A METHOD FOR PRODUCING A GAS TURBINE MOVING BLADE
• AUBE MOBILE DE TURBINE A GAZ ET SON PROCEDE DE PRODUCTION

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE). **OTT, Michael** [DE/DE]; Berlinstrasse 27, D–90766 Fürth (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TIEMANN, Peter** [DE/DE]; Gerichtstrasse 4, D–58452 Witten (DE). **RUDOLPH, Ronald** [US/DE]; Amselweg 20, D–40883 Ratingen (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) IN JP RU US; 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] **F01L**

(11) **WO 00/19066** (13) A2

(21) PCT/GB99/03033

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 9820923.2 **28 Sep/sep 1998 (28.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IMPROVEMENTS IN OR RELATING TO ROTARY VALVES
• AMELIORATIONS RELATIVES A DES VALVES ROTATIVES

(71) **BSA ROCV LIMITED** [GB/GB]; Speedwell House, West Quay Road, Southampton SO15 1GY (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KENNEDY–PING, Robert, John** [GB/GB]; East Crieffvechter Farm, Crieff PH7 3QR (GB).

(74) **McCALLUM, William, Potter** et al. / etc.; Cruikshank & Fairweather, 19 Royal Exchange Square, Glasgow G1 3AE (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 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; 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] **F01M**

(11) **WO 00/19067** (13) A2

(21) PCT/US99/22316

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/161,289 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LUBRICATION SYSTEM FOR HYDRAULIC PUMPS
• SYSTEME DE GRAISSAGE POUR POMPES HYDRAULIQUES

(71) **DANA CORPORATION** [US/US]; P.O. Box 1000, Toledo, OH 43697 (US).

(72) **MCBURNETT, James, Robert**; 513 Crestmont Way, Greenville, SC 29615 (US).

(74) **MOSES, John, R.** et al. / etc.; Millen, White, Zelano & Branigan, Arlington Courthouse Plaza 1, Suite 1400, 2200 Clarendon Boulevard, Arlington, VA 22201 (US).

(81) CA JP; 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] **F01M 11/10**

(11) **WO 00/19068** (13) A1

(21) PCT/CH99/00408

(22) **3 Sep/sep 1999 (03.09.1999)**

(25) de (26) de

(30) 1947/98 **24 Sep/sep 1998** CH **(24.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MOUNTING DEVICE FOR MOUNTING A SENSOR IN A CHAMBER, ESPECIALLY IN THE ENGINE COMPARTMENT OF AN INTERNAL COMBUSTION ENGINE
• DISPOSITIF DE MONTAGE D'UNE SONDE DANS UNE CHAMBRE, NOTAMMENT DANS UN COMPARTIMENT PREVU POUR UN MOTEUR A COMBUSTION INTERNE

(71) **ELECTRICAL ENGINEERING COMPANY LTD.** [LI/LI]; c/o Allgemeines Treuunternehmen, Aeulestrasse 5, FL–9490 Vaduz (LI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STEDHAM, David** [US/US]; 85 Yellow Pine CR, Reno, NV 89511 (US).

(74) **SCHMAUDER & PARTNER AG**; Zwängiweg 7, CH–8038 Zürich (CH).

(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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **F01P 7/16, G05D 23/13**

(11) **WO 00/19069** (13) A1

(21) PCT/EP99/07112

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) de (26) de

(30) 198 44 711.6 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • THERMOSTATIC VALVE ARRANGED IN A COOLING CIRCUIT OF AN INTERNAL COMBUSTION ENGINE
• SOUPAPE THERMOSTATIQUE MONTEE DANS LE CIRCUIT DE REFROIDISSEMENT D'UN MOTEUR A COMBUSTION INTERNE

(71) **BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT** [DE/DE]; Petuelring 130, D–80809 München (DE). **BEHR THERMOT–TRONIK GMBH & CO.** [DE/DE]; Enzstrasse 25, D–70806 Kornwestheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEMBERGER, Heinz** [DE/DE]; Hofäckerallee 1, D–85774 Unterföhring (DE). **LEU, Peter** [DE/DE]; Keupernweg 2/1, D–73760 Ostfildern–Nellingen (DE). **KURZ, Manfred** [DE/DE]; Brahmsstrasse 16, D–71254 Ditzingen (DE).

(74) **BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT**; Patentabteilung AJ–3, D–80788 München (DE).

(81) JP US; 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] **F02B 37/24, F02D 33/02, 23/00**

(11) **WO 00/19070** (13) A1

(21) PCT/EP99/06343

(22) **28 Aug/août 1999 (28.08.1999)**

(25) de (26) de

(30) 198 44 213.0 **26 Sep/sep 1998** DE **(26.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR REGULATING OR CONTROLLING A SUPERCHARGED INTERNAL COMBUSTION ENGINE
• PROCEDE POUR REGULER ET COMMANDER UN MOTEUR A COMBUSTION INTERNE TURBOCOMPRESSE

(71) **DAIMLERCHRYSLER AG** [DE/DE]; Epplestrasse 225, D–70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHMID, Wolfram** [DE/DE]; Gänsäckerweg 22, D–72622 Nürtingen (DE).

(74) **DAHMEN, Toni** et al. / etc.; DaimlerChrysler AG, Intellectual Property Management, FTP – C106, D–70546 Stuttgart (DE).

(81) BR US; 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] **F02B 57/08**

(11) **WO 00/19071** (13) A1

(21) PCT/IB99/01552

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 09/161,315 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A VALVELESS ENGINE
• MOTEUR SANS SOUPAPES

(71, 72) **LILLBACKA, Jorma** [FI/FI]; P.O. Box 38, FIN–62201 Kauhava (FI).

(81) CA JP; 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] **F02D 21/08, 41/14, 13/02**

(11) **WO 00/19072** (13) A1

(21) PCT/DE99/03005

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) de (26) de

(30) 198 44 085.5 **25 Sep/sep 1998** DE **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR CONTROLLING AN INTERNAL COMBUSTION ENGINE ACCORDING TO AN EXHAUST GAS PRESSURE
• PROCEDE POUR COMMANDER UN MOTEUR A COMBUSTION INTERNE EN FONCTION D'UNE PRESSION DE GAZ D'ECHAPPEMENT

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOCH, Achim** [DE/DE]; Isarstrasse 15, D–93105 Tegernheim (DE). **HARTKE, Andreas** [DE/DE]; Pfitznerstrasse 7A, D–80807 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) JP US; 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] **F02D 33/02, F02B 37/24**

(11) **WO 00/19073** (13) A1

(21) PCT/EP99/06341

(22) **28 Aug/août 1999 (28.08.1999)**

(25) de (26) de

(30) 198 44 214.9 **26 Sep/sep 1998** DE **(26.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR REGULATING OR CONTROLLING A SUPERCHARGED INTERNAL COMBUSTION ENGINE
• PROCEDE DE REGLAGE OU DE COMMANDE D'UN MOTEUR A COMBUSTION INTERNE CHARGE

(71) **DAIMLERCHRYSLER AG** [DE/DE]; Epplestrasse 225, D–70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHMID, Wolfram** [DE/DE]; Gänsäckerweg 22, D–72622 Nürtingen (DE).

(74) **DAHMEN, Toni** et al. / etc.; DaimlerChrysler AG, Intellectual Property Management, FTP–C106, D–70546 Stuttgart (DE).

(81) BR US; 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] **F02D 41/02, F01N 3/08**

(11) **WO 00/19074** (13) A1

(21) PCT/DE99/01990

(22) **1 Jul/juil 1999 (01.07.1999)**

(25) de (26) de

(30) 198 44 745.0 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • REGENERATION METHOD FOR A NOx STORAGE CATALYST PERTAINING TO AN INTERNAL COMBUSTION ENGINE
• PROCEDE DE REGENERATION D'UN CATALYSEUR A ACCUMULATION DE NOx D'UN MOTEUR A COMBUSTION INTERNE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHÜRZ, Willibald** [AT/DE]; Seilerberg 2, D–93089 Aufhausen (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) JP KR US; 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] **F02D 41/02, 41/14, F01N 3/10**

(11) **WO 00/19075** (13) A1

(21) PCT/DE99/02928

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) de (26) de

(30) 198 44 082.0 **25 Sep/sep 1998** DE **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR REGENERATING AN NOx STORAGE CATALYTIC CONVERTER
• PROCEDE PERMETTANT DE REGENERER UN CATALYSEUR A ACCUMULATION DE NOx

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHÜRZ, Willibald** [AT/DE]; Seilerberg 2, D–93089 Aufhausen (DE). **ELLMER, Dietmar** [DE/DE]; Plattnerbergweg 5, D–93199 Schillertswiesen (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) JP KR US; 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] **F02D 41/04**

(11) **WO 00/19076** (13) A1

(21) PCT/US99/21034

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 09/160,954 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TRANSIENT FUEL COMPENSATION
• COMPENSATION DE CARBURANT EN REGIME TRANSITOIRE

(71) **DELPHI TECHNOLOGIES, INC.** [US/US]; M/C 480–414–420, P.O. Box 5052, Troy, MI 48007–5052 (US).

(72) **MALONEY, Peter, James**; 57501 Twelve Mile Road, New Hudson, MI 48165 (US).

(74) **CICHOSZ, Vincent, A.**; Delphi Technologies, Inc., Legal Staff, P.O. Box 5052, Mail Code: 480–414–420, Troy, MI 48007–5052 (US).

(81) AU BR CN JP KR; 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] **F02D 41/06, 41/34**

(11) **WO 00/19077** (13) A1

(21) PCT/DE99/02267

(22) **23 Jul/juil 1999 (23.07.1999)**

(25) de (26) de

(30) 198 44 910.0 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PHASE RECOGNITION DEVICE
• DISPOSITIF DE RECONNAISSANCE DE PHASE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D–70442 Stuttgart (DE).

(72) **MUTH, Günter**; Kastanienweg 7, D–71739 Oberriexingen (DE). **KOPP, Reiner**; Gerd–Gaiser–Strasse 19, D–71739 Oberriexingen (DE). **ABIDIN, Anwar**; Einsteinstrasse 27, D–71229 Leonberg (DE). **RUPP, Ingolf**; Balinger Strasse 6, D–71636 Ludwigsburg (DE). **PFENDER, Andreas**; Schozachstrasse 58, D–74232 Abstatt (DE). **BÖRKEL, Wolfgang**; Am Wurmberg 20, D–71701 Schwieberdingen (DE).

(81) BR JP KR RU; 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] **F02D 41/14, 33/02**

(11) **WO 00/19078** (13) A1

(21) PCT/DE99/02832

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) de (26) de

(30) 198 44 637.3 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE FOR CONTROLLING AN INTERNAL COMBUSTION ENGINE
• DISPOSITIF DE COMMANDE D'UN MOTEUR A COMBUSTION INTERNE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HARTKE, Andreas** [DE/DE]; Pfitznerstrasse 7A, D–80807 München (DE). **KOCH, Achim** [DE/DE]; Isarstrasse 15, D–93105 Tegernheim (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) JP US; 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] **F02D 41/22, F02B 37/12, F02D 23/00**

(11) **WO 00/19079** (13) A1

(21) PCT/EP99/06342

(22) **28 Aug/août 1999 (28.08.1999)**

(25) de (26) de

(30) 198 44 212.2 **26 Sep/sep 1998** DE **(26.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR CONTROLLING A SUPER–CHARGED INTERNAL COMBUSTION ENGINE
• PROCEDE DE REGULATION POUR UN MOTEUR A COMBUSTION INTERNE TURBOCOMPRESSE

(71) **DAIMLERCHRYSLER AG** [DE/DE]; Epplestrasse 225, D–70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHMID, Wolfram** [DE/DE]; Gänsäckerweg 22, D–72622 Nürtingen (DE).

(74) **DAHMEN, Toni** et al. / etc.; DaimlerChrysler AG, Intellectual Property Management, FTP–C106, D–70546 Stuttgart (DE).

(81) BR US; 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] **F02F 3/26, 1/42, F02B 23/00**

(11) **WO 00/19080** (13) A1

(21) PCT/EP99/05300

(22) **24 Jul/juil 1999 (24.07.1999)**

(25) de (26) de

(30) 198 44 070.7 **25 Sep/sep 1998** DE **(25.09.1998)**

(30) 198 56 909.2 **10 Dec/déc 1998** DE **(10.12.1998)**

(30) 199 09 112.9 **3 Mar/mar 1999** DE **(03.03.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PISTON FOR A PISTON INTERNAL COMBUSTION ENGINE
• PISTON D'UN MOTEUR A COMBUSTION INTERNE A PISTON

(71) **FEV MOTORENTECHNIK GMBH** [DE/DE]; Neuenhofstrasse 181, D–52078 Aachen (DE).

(72) **UMIERSKI, Markus**; Stadtrandsiedlung 26, D–52222 Stolberg (DE).

(74) **LANGMAACK, Jürgen** et al. / etc.; Postfach 51 08 06, D–50994 Köln (DE).

(81) JP KP; 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] **F02K**

(11) **WO 00/19081** (13) A2

(21) PCT/US99/18698

(22) **17 Aug/août 1999 (17.08.1999)**

(25) en (26) en

(30) 60/096,831 **17 Aug/août 1998 (17.08.1998)** US

(30) 09/149,728 **8 Sep/sep 1998 (08.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • APPARATUS AND METHOD FOR FUEL–AIR MIXING BEFORE SUPPLY OF LOW PRESSURE LEAN PRE–MIX TO COMBUSTOR
• DISPOSITIF ET METHODE DE MELANGE AIR–ESSENCE AVANT L'ENTREE DANS LE DISPOSITIF COMBUSTOR DU PREMELANGE PAUVRE A BASSE PRESSION

(71) **RAMGEN POWER SYSTEMS, INC.** [US/US]; Suite W–190, 11808 Northup Way, Bellevue, WA 98005 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAWLOR, Shawn, P.** [US/US]; Suite W–190, 11808 Northup Way, Bellevue, WA 98005 (US).

(74) **GOODLOE, R., Reams, Jr.**; Suite 3, 10725 S.E. 256th Street, Kent, WA 98031–6426 (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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **F02K 7/00**

(11) **WO 00/19082** (13) A2

(21) PCT/US99/18745

(22) **17 Aug/août 1999 (17.08.1999)**

(25) en (26) en

(30) 60/096,831 **17 Aug/août 1998 (17.08.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • RAMJET ENGINE WITH AXIAL AIR SUPPLY FAN
• STATOREACTEUR A SOUFFLANTE AXIALE D'AIR

(71) **RAMGEN POWER SYSTEMS, INC.** [US/US]; Suite W–190, 11808 Northup Way, Bellevue, WA 98005 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAWLOR, Shawn, P.** [US/US]; Suite W–190, 11808 Northup Way, Bellevue, WA 98005 (US).

(74) **GOODLOE, R., Reams, Jr.**; Suite 3, 10725 SE 256th Street, Kent, WA 98031–6426 (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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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)[6] **F02M 25/08**

(11) **WO 00/19083** (13) A1

(21) PCT/AU99/00837

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) PP 6270 **30 Sep/sep 1998 (30.09.1998)** AU

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PURGE FUEL FLOW RATE DETERMINATION METHOD
• PROCEDE DETERMINANT LE DEBIT DE CARBURANT DE PURGE

(71) **ORBITAL ENGINE COMPANY (AUSTRALIA) PTY LIMITED** [AU/AU]; 1 Whipple Street, Balcatta, W.A. 6021 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HILL, Raymond, John** [AU/AU]; 4 Hartleap Lane, Beldon, W.A. 6027 (AU).

(74) **WATERMARK PATENT & TRADEMARK ATTORNEYS**; 4th floor, "Durack Centre", 263 Adelaide Terrace, Perth, W.A. 6000 (AU).

(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 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; 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] **F02M 27/02, B60L 11/18, C01B 3/32, H01M 8/00, 8/04, 8/06**

(11) **WO 00/19084** (13) A1

(21) PCT/JP99/05279

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) ja (26) ja

(30) 10/276950 **30 Sep/sep 1998 (30.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FUEL CELL SYSTEM AND VEHICLE USING THE SYSTEM
• SYSTEME A CELLULE ELECTROCHIMIQUE ET VEHICULE UTILISANT CE SYSTEME

(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) **MIYAZAKI, Taizo** [JP/JP]; Hitachi Research Laboratory of Hitachi, Ltd., 1–1, Omika–cho 7–chome, Hitachi–shi, Ibaraki 319–1292 (JP). **HANIU, Tomoyuki** [JP/JP]; Hitachi Research Laboratory of Hitachi, Ltd., 1–1, Omika–cho 7–chome, Hitachi–shi, Ibaraki 319–1292 (JP). **MASAKI, Ryoso** [JP/JP]; Hitachi Research Laboratory of Hitachi, Ltd., 1–1, Omika–cho 7–chome, Hitachi–shi, Ibaraki 319–1292 (JP).

(74) **TAKADA, Yukihiko** et al. / etc.; 1–48, Saiwai–cho 2–chome, Hitachi–shi, Ibaraki 317–0073 (JP).

(81) DE JP KR US.

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(51)[7] **F02M 27/06**

(11) **WO 00/19085** (13) A1

(21) PCT/US99/22459

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/162,413 **28 Sep/sep 1998 (28.09.1998)** US

(30) 09/237,002 **25 Jan/jan 1999 (25.01.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FUEL ACTIVATING DEVICE
• DISPOSITIF D'ACTIVATION DE COMBUSTIBLE

(71, 72) **WEY, Albert, C.** [US/US]; 233 E. 57th Street, Westmont, IL 60559 (US).

(74) **KENAGA, Michael, L.**; Rudnick & Wolfe, P.O. Box 64807, Chicago, IL 60664–0807 (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; 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] **F02M 51/04, 57/02, 59/14, 63/06, F04B 43/067, 17/04, B05B 9/04**

(11) **WO 00/19086** (13) A1

(21) PCT/EP99/07063

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) de (26) de

(30) 198 44 163.0 **25 Sep/sep 1998** DE **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PUMPING METHOD AND DEVICE
• PROCEDE ET DISPOSITIF DE POMPAGE

(71) **FICHT GMBH & CO. KG** [DE/DE]; Spannleitenberg 1, D–85614 Kirchseeon (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOTTER, Robert** [DE/DE]; Bauhof 17, D–85567 Bruck (DE). **FICHT, Markus** [DE/DE]; Dorfstrasse 15, D–85643 Steinhöring (DE).

(74) **SOLF, Alexander**; Solf & Zapf, Candidplatz 15, D–81543 München (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 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; 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] **F02M 53/02, 53/06**

(11) **WO 00/19087** (13) A1

(21) PCT/US99/22170

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 09/161,348 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SYSTEMS AND METHOD FOR DELIVERING ATOMIZED FLUIDS
• SYSTEMES ET PROCEDES DESTINES A DEBITER DES FLUIDES PULVERISES

(71) **MICROCOATING TECHNOLOGIES, INC.** [US/US]; 3901 Green Industrial Way, Chamblee, GA 30341 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HUNT, Andrew, T.** [US/US]; 495 Mountain Way, Atlanta, GA 30342 (US).

(74) **KELLY, Edward, J.** et al. / etc.; Foley, Hoag & Eliot, LLP, One Post Office Square, Boston, MA 02109 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC 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; 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] **F02M 61/18**

(11) **WO 00/19088** (13) A1

(21) PCT/DE99/03040

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) de (26) de

(30) 198 44 638.1 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FUEL INJECTION VALVE FOR AN INTERNAL COMBUSTION ENGINE
• SOUPAPE D'INJECTION DE CARBURANT POUR MOTEUR A COMBUSTION INTERNE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FATH, Andreas** [DE/DE]; Donaustauffer Strasse 129a, D–93059 Regensburg (DE). **LEWENTZ, Günter** [DE/DE]; Lärchenweg 5, D–93055 Regensburg (DE). **FRANK, Wilhelm** [DE/DE]; Meinhardtstrasse 44, D–96049 Bamberg (DE). **KULL, Eberhard** [DE/DE]; Birkengrund 12, D–85276 Pfaffenhofen (DE). **YALCIN, Hakan** [DE/DE]; An der Schergenbreite 26, D–93059 Regensburg (DE). **KLÜGL, Wendelin** [DE/DE]; Föhrenstrasse 1, D–92358 Seubersdorf (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) JP US; 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] **F02M 61/20, 45/08, 57/02**

(11) **WO 00/19089** (13) A1

(21) PCT/DE99/03140

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) de (26) de

(30) 198 44 891.0 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FUEL INJECTION VALVE FOR INTERNAL COMBUSTION ENGINES
• SOUPAPE D'INJECTION DE CARBURANT POUR MOTEURS A COMBUSTION INTERNE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D–70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KRONBERGER, Maximilian** [AT/AT]; Seifentruhe 7, A–4400 Steyr (AT). **STRAHBERGER, Herbert** [AT/AT]; Linzer Strasse 25, A–4210 Gallneukirchen (AT).

(81) JP KR US; 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] **F02M 65/00, F02D 41/24, F02M 57/02**

(11) **WO 00/19090** (13) A1

(21) PCT/US99/20432

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) en (26) en

(30) 09/162,034 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD OF TUNING HYDRAULICALLY–ACTUATED FUEL INJECTION SYSTEMS BASED ON ELECTRONIC TRIM
• METHODE DE REGLAGE DE SYSTEMES D'ALIMENTATION PAR INJECTION A COMMANDE HYDRAULIQUE FONDEE SUR UNE REGULATION ELECTRONIQUE

(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) **MATTA, George, M.** [LB/US]; 5207 N. Knoxville, No. 203, Peoria, IL 61614 (US).

(74) **BRAM, Eric, M.** et al. / etc.; 100 N.E. Adams Street, Peoria, IL 61629–6490 (US).

(81) JP US; 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] **F02N 11/08**

(11) **WO 00/19091** (13) A1

(21) PCT/JP99/05352

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) ja (26) ja

(30) 10/274616 **29 Sep/sep 1998 (29.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ENGINE STARTER
• DEMARREUR DE MOTEUR

(71) **HITACHI, LTD.** [US/US]; 6, Kanda Surugadai 4–chome, Chiyoda–ku, Tokyo 101–8010 (US). **HITACHI CAR ENGINEERING CO., LTD.** [JP/JP]; 2477, Takaba, Hitachinaka–shi, Ibaraki 312–0062 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OOIZUMI, Takehisa** [JP/JP]; Hitachi Car Engineering Co., Ltd., 2477, Takaba, Hitachinaka–shi, Ibaraki 312–0062 (JP). **FUKASAKU, Yoshinori** [JP/JP]; Automotive Products, Hitachi, Ltd., 2520, Takaba, Hitachinaka–shi, Ibaraki 312–0062 (JP). **IWABUCHI, Toshihiko** [JP/JP]; Automotive Products, Hitachi, Ltd., 2520, Takaba, Hitachinaka–shi, Ibaraki 312–0062 (JP).

(74) **SAKUTA, Yasuo**; Hitachi, Ltd., 5–1, Marunouchi 1–chome, Chiyoda–ku, Tokyo 100–8220 (JP).

(81) JP KG US; 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] **F02P 3/02**

(11) **WO 00/19092** (13) A1

(21) PCT/FR99/02244

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) fr (26) fr

(30) 98/12070 **28 Sep/sep 1998 (28.09.1998)** FR

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IGNITION SET FOR INTERNAL COMBUSTION ENGINE
• ENSEMBLE D'ALLUMAGE POUR MOTEUR A COMBUSTION INTERNE

(71) **SAGEM S.A.** [FR/FR]; 6, avenue d'Iéna, F–75016 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HERITIER–BEST, Pierre** [FR/FR]; 9, rue de l'Eglise, F–63500 Orbeil (FR). **PEGHAIRE, Jean–Pierre** [FR/FR]; 55, rue de Challoit, F–95100 Argenteuil (FR).

(74) **CABINET GEISMAR**; 90, avenue Mozart, F–75016 Paris (FR).

(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; 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)[6] **F03B 13/12**

(11) **WO 00/19093** (13) A1

(21) PCT/IB98/01504

(22) **28 Sep/sep 1998 (28.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • RAIN, WIND, WAVE, AND SOLAR ENERGY 4–IN–1 ELECTRIC GENERATING INSTALLATION
• INSTALLATION DE GENERATION D'ELECTRICITE 4–EN–1 GRACE A L'ENERGIE PLUVIALE, EOLIENNE, HOULOMOTRICE ET SOLAIRE

(71, 72) **HA, Siu Kwong** [CN/CN]; Ha Siu Kwong Discovery Study Centre, 119A Tai Chung Hau, Lot 75, DD219, Sai Kung, N.T., Hong Kong (CN).

(81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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] **F03D 7/04, 7/02, H02P 9/04**

(11) **WO 00/19094** (13) A1

(21) PCT/EP99/07142

(22) **25 Sep/sep 1999 (25.09.1999)**

(25) de (26) de

(30) 198 44 258.0 **26 Sep/sep 1998 (26.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CONTROL LOGIC FOR A WIND ENERGY SYSTEM
• LOGIQUE DE COMMANDE POUR CENTRALE EOLIENNE

(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).

(74) **VONNEMANN & PARTNER**; An der Alster 84, D–20099 Hamburg (DE).

(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; 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 : *(c)*

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(51)[7] **F04B 1/04, 1/053**

(11) **WO 00/19095** (13) A1

(21) PCT/DE99/02838

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) de (26) de

(30) 198 44 326.9 **28 Sep/sep 1998 (28.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • RADIAL PISTON PUMP
• POMPE A PISTONS RADIAUX

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D–70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAEBERER, Rainer** [DE/DE]; Eichenstrasse 32, D–75015 Bretten (DE). **SIMON, Hans–Jürgen** [DE/DE]; Iltisweg 10/1, D–75378 Bad Liebenzell (DE). **SCHWARZ, Thomas** [DE/DE]; Schillerstrasse 108, D–73614 Schorndorf (DE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[6] **F04B 1/12, 17/00, 53/00**

(11) **WO 00/19096** (13) A1

(21) PCT/US99/22098

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 09/162,714 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PNEUMATIC COMPRESSOR SYSTEM
• SYSTEME DE COMPRESSEUR D'AIR

(71, 72) **PRESSEL, Hans–Georg, G.** [US/US]; P.O. Box 460413, Glendale Sta, Denver, CO 80246 (US).

(74) **REILLY, John, E.**; Suite 1500, 1120 Lincoln Street, Denver, CO 80203 (US).

(81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[6] **F04B 17/00**

(11) **WO 00/19097** (13) A1

(21) PCT/US99/22573

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/164,407 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BLOOD PUMP SYSTEM WITH MAGNETIC CABLE DRIVE
• SYSTEME DE POMPE A SANG AVEC ENTRAINEMENT PAR CABLE A RACCORDS MAGNETIQUES

(71) **A–MED SYSTEMS, INC.** [US/US]; 2491 Boatman Avenue, West Sacramento, CA 95691 (US).

(72) **ABOUL–HOSN, Walid, N.**; 4625 Chicago Avenue, Fair Oaks, CA 95628 (US). **KANZ, William, R.**; 4695 Francis Court, Sacramento, CA 95822 (US). **ZIEGLER, Roland**; 3302 Kato Court, Cameron Park, CA 95682 (US).

(74) **RYAN, Daniel, D.** et al. / etc.; 633 West Wisconsin Avenue, Milwaukee, WI 53203 (US).

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

Published / Publiée : *(c)*

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(51)[6] **F04B 17/00**

(11) **WO 00/19098** (13) A1

(21) PCT/US99/22775

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/164,396 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BLOOD PUMP WITH TURBINE DRIVE
• POMPE A SANG A TURBINE

(71) **A–MED SYSTEMS, INC.** [US/US]; 2491 Boatman Avenue, West Sacramento, CA 95691 (US).

(72) **ABOUL–HOSN, Walid**; 4625 Chicago Avenue, Fair Oaks, CA 95628 (US). **O'CONNELL, Demond**; 7507 Delta Wind Way, Sacramento, CA 95831 (US). **MCCRYSTLE, Kelly, J.**; 1841 Vallejo Way, Sacramento, CA 95818 (US).

(74) **RYAN, Daniel, D.** et al. / etc.; 633 West Wisconsin Avenue, Milwaukee, WI 53203 (US).

(81) JP; 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] **F04B 19/14 // F03B 9/00, B63H 11/04**

(11) **WO 00/19099** (13) A1

(21) PCT/SE99/01706

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) sv (26) en

(30) 9803264–2 **25 Sep/sep 1998** SE **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A DEVICE FOR MOVING A LIQUID OR A GAS
• DISPOSITIF SERVANT A DEPLACER UN LIQUIDE OU UN GAZ

(71) **CETUS INNOVATION AB** [SE/SE]; Box 152, S–721 05 Västerås (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ENGDAHL, Göran** [SE/SE]; Rospiggsvägen 4, S–183 63 Täby (SE). **OLSSON, Ulf** [SE/SE]; Olivedalsgatan 19, S–413 10 Göteborg (SE).

(74) **BJERKÉN, Håkan** et al. / etc.; Bjerkéns Patentbyrå KB, S–721 88 Västerås (SE).

(81) 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 EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; 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)[6] **F04B 35/00**

(11) **WO 00/19100** (13) A1

(21) PCT/US99/22571

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/166,135 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BLOOD PUMP WITH STERILE MOTOR HOUSING
• POMPE A SANG AVEC BOITIER STERILE POUR MOTEUR

(71) **A–MED SYSTEMS, INC.** [US/US]; 2491 Boatman Avenue, West Sacramento, CA 95691 (US).

(72) **ABOUL–HOSN, Walid**; 4625 Chicago Avenue, Fair Oaks, CA 95628 (US). **NOOR, Sedig**; 20135 Apache Gardens Lane, Katy, TX 77449 (US). **KANZ, William, R.**; 4695 Francis Court, Sacramento, CA 95822 (US). **GUIDERA, Michael**; 4601 Ladera Way, Carmichael, CA 95608 (US). **MATHENY, Robert, G.**; 12576 Devon Lane, Carmel, IN 46032 (US). **McCRYSTLE, Kelly, J.**; 1841 Vallejo Way, Sacramento, CA 95818 (US).

(74) **RYAN, Daniel, D.** et al. / etc.; 633 West Wisconsin Avenue, Milwaukee, WI 53203 (US).

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

Published / Publiée : *(c)*

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(51)[7] **F04B 39/16 // B60T 17/00, B01D 53/26**

(11) **WO 00/19101** (13) A1

(21) PCT/SE99/01488

(22) **31 Aug/août 1999 (31.08.1999)**

(25) sv (26) en

(30) 9803117–2 **14 Sep/sep 1998** SE **(14.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CONTROL SYSTEM AND METHOD FOR AIR COMPRESSOR
• SYSTEME ET PROCEDE DE COMMANDE D'UN COMPRESSEUR D'AIR

(71) **VOLVO LASTVAGNAR AB** [SE/SE]; S–405 08 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ERIKSSON, Stefan** [SE/SE]; Strängnäsgatan 10, S–418 71 Göteborg (SE).

(74) **AWAPATENT AB**; P.O. Box 11394, S–404 28 Göteborg (SE).

(81) BR JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[6] **F04C 2/344, 15/04**

(11) **WO 00/19102** (13) A1

(21) PCT/RU98/00312

(22) **29 Sep/sep 1998 (29.09.1998)**

(25) ru (26) ru

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ROTARY MACHINE
• MACHINE ROTATIVE

(71, 72) **STROGANOV, Alexandr Anatolievich** [RU/RU]; ul. Stasovoi, 2–479, St.Petersburg, 195253 (RU). **ZIMNIKOV, Alexandr Nikolaevich** [RU/RU]; ul. Tambasova, 6–1–107, St.Petersburg, 198239 (RU).

(74) **LUMEX (DLYA STROGANOVA A.A.)**; Moskovsky pr., 19, St.Petersburg, 198005 (RU).

(81) AU BR BY CA CH CN CZ HU ID IL JP KR KZ MX NZ PL SG TR UA US UZ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **F04C 18/16, 29/10**

(11) **WO 00/19103** (13) A1

(21) PCT/SE99/00714

(22) **30 Apr/avr 1999 (30.04.1999)**

(25) sv (26) en

(30) 9803292–3 **29 Sep/sep 1998** SE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LIFT VALVE FOR A ROTARY SCREW COMPRESSOR
• SOUPAPE A DISQUE POUR COMPRESSEUR ROTATIF A VIS

(71) **SVENSKA ROTOR MASKINER AB** [SE/SE]; P.O. Box 15085, S–104 65 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TIMUSKA, Karlis** [SE/SE]; Valhallavägen 16, S–114 22 Stockholm (SE).

(74) **WIEDEMANN, Bernd**; Svenska Rotor Maskiner AB, P.O. Box 15085, S–104 65 Stockholm (SE).

(81) JP KR TR US; 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] **F04C 18/344, 29/00**

(11) **WO 00/19104** (13) A1

(21) PCT/EP99/07111

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) de (26) de

(30) 298 23 809.8 **30 Sep/sep 1998 (30.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • VACUUM PUMP
• POMPE A VIDE

(71) **LUK AUTOMOBILTECHNIK GMBH & CO. KG** [DE/DE]; Industriestrasse 8, D–42499 Hückeswagen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OTTO, Dieter** [DE/DE]; Holberg 105, D–58256 Ennepetal (DE).

(74) **GLEISS, Alf–Olav** et al. / etc.; Maybachstrasse 6A, D–70469 Stuttgart (DE).

(81) DE GB JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **F04D 27/00**

(11) **WO 00/19105** (13) A1

(21) PCT/US98/20205

(22) **25 Sep/sep 1998 (25.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MULTIPLE CENTRIFUGAL AIR COMPRESSOR SYSTEM CONTROL
• COMMANDE D'UN SYSTEME A COMPRESSEUR D'AIR CENTRIFUGE MULTIPLE

(71) **HONEYWELL INC.** [US/US]; Honeywell Plaza, Minneapolis, MN 55408 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WAGNER, Christopher, E.** [US/US]; 2404 Parliament Drive, Abingdon, MD 21009 (US). **GLACE, Paul, J.** [US/US]; 13007 Shaneybrook Circle, Reisterstown, MD 21136 (US).

(74) **LEONARD, Robert, B.**; Honeywell Inc., Honeywell Plaza, MN12–8251, Minneapolis, MN 55408 (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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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)[6] **F04D 29/28**

(11) **WO 00/19106** (13) A1

(21) PCT/SG98/00078

(22) **30 Sep/sep 1998 (30.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FAN WHEELS
• ROUES DE VENTILATEUR

(71) **KYODO–ALLIED INDUSTRIES PTE LTD.** [SG/SG]; 17 Kian Teck Road, Singapore 628771 (SG).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEE, Zong, Tang** [SG/SG]; 17 Kian Teck Road, Singapore 628771 (SG).

(74) **YAP, Su, Ming** et al. / etc.; Bih Li & Lee, #24–01 CPF Building, 79 Robinson Road, Singapore 068897 (SG).

(81) CA JP KR SG US; 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] **F04D 29/44, 25/04**

(11) **WO 00/19107** (13) A1

(21) PCT/US99/22961

(22) **1 Oct/oct 1999 (01.10.1999)**

(25) en (26) en

(30) 60/102,701 **1 Oct/oct 1998 (01.10.1998)** US

(30) 09/404,384 **23 Sep/sep 1999 (23.09.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SPRING–LOADED VANED DIFFUSER
• DIFFUSEUR A AILETTES SOLLICITE PAR UN RESSORT

(71) **ALLIEDSIGNAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962–2245 (US).

(72) **LARUE, Gerald, D.**; 2615 Plaza Del Amo #620, Torrance, CA 90503 (US). **CABRALES, Jose, Antonio, II**; 8564 Chapman Avenue, Stanton, CA 90680 (US).

(74) **CRISS, Roger, H.** et al. / etc.; AlliedSignal Inc. (Law Dept., Attn: A. Olinger), 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; 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] **F15B 13/042**

(11) **WO 00/19108** (13) A1

(21) PCT/EP99/06737

(22) **11 Sep/sep 1999 (11.09.1999)**

(25) de (26) de

(30) 198 44 860.0 **30 Sep/sep 1998 (30.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MANUALLY OPERATED CONTROL DEVICE, ESPECIALLY FOR HYDRAULICALLY ACTUATING HYDRAULIC VALVES
• APPAREIL DE COMMANDE ACTIONNE MANUELLEMENT, SERVANT NOTAMMENT A L'ACTIONNEMENT HYDRAULIQUE D'ORGANES D'OBTURATION HYDRAULIQUES

(71) **MANNESMANN REXROTH AG** [DE/DE]; Jahnstrasse 3–5, D–97816 Lohr/Main (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHAPMAN, John** [GB/GB]; 4 Oxley Drive, Finham, Coventry CV3 6FB (GB).

(74) **MANNESMANN REXROTH AG**; Jahnstrasse 3–5, D–97816 Lohr/Main (DE).

(81) JP KR US; 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] **F15B 15/08**

(11) **WO 00/19109** (13) A1

(21) PCT/EP99/06824

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) de (26) de

(30) 298 17 441.3 **30 Sep/sep 1998 (30.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LINEAR DRIVE
• MECANISME D'ENTRAINEMENT LINEAIRE

(71) **FESTO AG & CO.** [DE/DE]; Ruiter Strasse 82, D–73734 Esslingen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WAGNER, Albrecht** [DE/DE]; Beethovenstrasse 44, D–73650 Winterbach (DE). **ANGUE, Eric** [FR/DE]; Im Siebenzehnerle 1, D–70469 Stuttgart (DE).

(74) **REIMOLD, Otto** et al. / etc.; Hölderlinweg 58, D–73728 Esslingen (DE).

(81) JP US; 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] **F15B 15/08**

(11) **WO 00/19110** (13) A1

(21) PCT/US99/22926

(22) **1 Oct/oct 1999 (01.10.1999)**

(25) en (26) en

(30) 60/102,699 **1 Oct/oct 1998 (01.10.1998)** US

(30) 09/404,383 **23 Sep/sep 1999 (23.09.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DIRECT ACTING ROTARY ACTUATOR FOR A TURBOCHARGER VARIABLE NOZZLE TURBINE
• ACTIONNEUR ROTATIF A ACTION DIRECTE POUR TURBINE A BUSE VARIABLE DE TURBOCOMPRESSEUR

(71) **ALLIEDSIGNAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962–2245 (US).

(72) **MARTIN, Steven, P.**; 2626 Marlena Street, West Covina, CA 91792 (US).

(74) **CRISS, Roger, H.** et al. / etc.; AlliedSignal Inc. (Law Dept., Attn: A. Olinger), 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 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; 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**

(11) **WO 00/19111** (13) A2

(21) PCT/US99/22589

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/168,326 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LOCKING FASTENER ASSEMBLY FOR THREADED JOINT
• ENSEMBLE DE BLOCAGE POUR LIAISON FILETEE

(71) **OKABE CO., INC.** [US/US]; 645 Forest Edge Drive, Vernon Hills, IL 60061 (US).

(72) **PETERKORT, Steven, D.**; 49 Old Lake Road, Hawthorn Woods, IL 60047 (US).

(74) **EVELEIGH, Douglas, M.** et al. / etc.; Mayer Brown & Platt, P.O. Box 2828, Chicago, IL 60690–2828 (US).

(81) ; 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] **F16B 4/00, 1/00**

(11) **WO 00/19112** (13) A1

(21) PCT/EP99/06871

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) de (26) de

(30) 198 44 411.7 **28 Sep/sep 1998 (28.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE WITH A FLANGE AND METHOD FOR PRODUCING A PRESSURE CONNECTION IN A FLANGE
• DISPOSITIF A BRIDE ET PROCEDE POUR LA FABRICATION D'UNE JONCTION PAR PRESSION UTILISANT UNE BRIDE

(71) **HOCHSPANNUNGSGERÄTE PORZ GMBH** [DE/DE]; Kaiserstrasse 127, D–51145 Köln (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRIELINGSDORF, Helmut** [DE/DE]; Buchholzstrasse 27, D–51469 Bergisch Gladbach (DE).

(74) **ZEDLITZ, Peter**; Postfach 22 13 17, D–80503 München (DE).

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

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(51)[6] **F16B 13/10, 35/02, 43/00, 31/02**

(11) **WO 00/19113** (13) A1

(21) PCT/AU99/00825

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) PP 6183 **25 Sep/sep 1998 (25.09.1998)** AU

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BLIND BOLTING
• BOULONNAGE AVEUGLE

(71) **HANSTOCK FASTENERS PTY. LTD.** [AU/AU]; Level 11, 55 Market Street, Sydney, NSW 2000 (AU). **REID CONSTRUCTION SYSTEMS PTY. LTD.** [AU/AU]; Level 4, 608 St. Kilda Road, Melbourne, VIC 3004 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TANASE, Gabriel** [AU/AU]; 72 Watsons Road, Glen Waverley, VIC 3150 (AU). **FERNANDO, Saman** [AU/AU]; 19 Clay Avenue, Hoppers Crossing, VIC 3029 (AU). **CAO, Guorong** [AU/AU]; 24 Calderwood Avenue, Wheelers Hill, VIC 3150 (AU).

(74) **MORCOM, Norman, Bruce**; 5a Hartnett Close, Mulgrave, VIC 3170 (AU).

(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 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; 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 19/10, B21K 1/60, B21J 15/04**

(11) **WO 00/19114** (13) A1

(21) PCT/GB99/02979

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) en (26) en

(30) 9820974.5 **25 Sep/sep 1998 (25.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BLIND RIVET AND METHOD OF MAKING THE SAME
• RIVET AVEUGLE ET PROCEDE DE FABRICATION CORRESPONDANT

(71) **MILLADALE LIMITED** [GB/GB]; Willowbrook, 11 Horton Road, Slapton, Leighton Buzzard, Bedfordshire LU7 9DB (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUMMERLIN, Frederick, Arthur** [GB/GB]; Willowbrook, 11 Horton Road, Slapton, Leighton Buzzard, Bedfordshire LU7 9DB (GB).

(74) **HARRISON, Ivor, Stanley** et al. / etc.; Withers & Rogers, Goldings House, 2 Hays Lane, London SE1 2HW (GB).

(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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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 31/04**

(11) **WO 00/19115** (13) A1

(21) PCT/GB99/03038

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 9821018.0 **29 Sep/sep 1998 (29.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TENSIONING NUT
• ECROU TENSEUR

(71) **HYDRAULIC TENSIONING TECHNOLOGY LIMITED** [GB/GB]; Hill Top Industrial Estate, 6 Shaw Street, West Bromwich, West Midlands B70 0TX (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GETHINGS, Michael, Shaun, Brian** [GB/GB]; 60 Tunnel Street, Coseley, West Midlands WV14 9DE (GB). **EGGINTON, Paul, Raymond** [GB/GB]; 3 Hampton Court, Rugeley, Staffordshire WS15 2BF (GB).

(74) **BARKER BRETTELL**; 138 Hagley Road, Edgbaston, Birmingham B16 9PW (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 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; 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] **F16C 1/26**

(11) **WO 00/19116** (13) A1

(21) PCT/GB99/02932

(22) **3 Sep/sep 1999 (03.09.1999)**

(25) en (26) en

(30) 9821013.1 **29 Sep/sep 1998** GB **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CABLE ACTUATORS
• ACTIONNEURS DE CABLE

(71) **ROVER GROUP LIMITED** [GB/GB]; International Headquarters, Warwick Technology Park, Warwick CV34 6RG (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BASNETT, Michael, Neil** [GB/GB]; 51 Darren View, Crickhowell, Powys NP8 1DS (GB).

(74) **BURRAGE, David, John** et al. / etc.; Rover Group Limited, Patent Dept., Gaydon Test Centre, Banbury Road, Lighthorne, Warwick CV35 0RG (GB).

(81) DE GB JP KR US; 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] **F16C 9/02, 33/46**

(11) **WO 00/19117** (13) A1

(21) PCT/EP99/05864

(22) **12 Aug/août 1999 (12.08.1999)**

(25) de (26) de

(30) 198 44 203.3 **26 Sep/sep 1998** DE **(26.09.1998)**

(30) 199 26 406.6 **10 Jun/juin 1999** DE **(10.06.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MOUNTING FOR A SHAFT WITH DIVIDED ROLLER BEARINGS
• FIXATION D'UN ARBRE A L'AIDE DE PALIERS DE ROULEMENT DIVISES

(71) **INA WÄLZLAGER SCHAEFFLER OHG** [DE/DE]; Industriestrasse 1–3, D–91074 Herzogenaurach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HÄUSLER, Oskar** [DE/DE]; Fasanenweg 9, D–91086 Aurachtal (DE). **JÄGER, Stefan** [DE/DE]; Schlüsselbergerstrasse 20, D–96132 Schlüsselfeld (DE).

(81) DE JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **F16C 17/02**

(11) **WO 00/19118** (13) A1

(21) PCT/JP98/04384

(22) **29 Sep/sep 1998 (29.09.1998)**

(25) ja (26) ja

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BEARING DEVICE
• DISPOSITIF A PALIER

(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) **KUZUU, Takashi** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8310 (JP). **MORIMOTO, Takao** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8310 (JP).

(74) **TAZAWA, Hiroaki** et al. / etc.; 4F, Kasumigaseki IHF Building, 5–1, Kasumigaseki 3–chome, Chiyoda–ku, Tokyo 100–0013 (JP).

(81) AU CA JP KR MX US; 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] **F16C 25/08, 35/067, 35/077**

(11) **WO 00/19119** (13) A1

(21) PCT/US99/21137

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 09/162,307 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BEARING SYSTEMS HAVING REDUCED NOISE AND AXIAL PRELOAD
• SYSTEME DE PALIER A BRUIT REDUIT ET RATTRAPAGE DE JEU AXIAL

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **CROWELL, James, Robert**; 6120 Greenwell Road, Huntertown, IN 46748 (US).

(74) **CHASKIN, Jay, L.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) CN KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **F16D 41/32, 41/36**

(11) **WO 00/19120** (13) A1

(21) PCT/US99/22691

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,512 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • REDUNDANT FREEWHEELING BICYCLE APPARATUS AND METHOD
• DISPOSITIF ET PROCEDE AMELIORES POUR LE FONCTIONNEMENT EN ROUE LIBRE D'UNE BICYCLETTE

(63) US 60/102,512 (CIP) 30 Sep/sep 1998 (30.09.1998)

(71, 72) **TAYLOR, Anthony, G.** [US/US]; 1350 B South Road, Glade Park, CO 81523 (US).

(74) **SANTANGELO, Luke**; Santangelo Law Offices, P.C., 3rd floor, 125 South Howes, Fort Collins, CO 80521 (US).

(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **F16D 65/20, 65/21**

(11) **WO 00/19121** (13) A1

(21) PCT/JP99/05270

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) ja (26) ja

(30) 10/273269 **28 Sep/sep 1998** JP **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DISC BRAKE
• FREIN A DISQUE

(71) **AKEBONO BRAKE INDUSTRY CO., LTD.** [JP/JP]; 19–5, Nihonbashi Koamicho, Chuo–ku, Tokyo 103–0016 (JP). **AKEBONO RESEARCH AND DEVELOPMENT CENTRE LTD.** [JP/JP]; 4–71, Higashi 5–chome, Hanyu–shi, Saitama 348–0052 (JP).

(72) **OGAWA, Yutaka**; Akebono Research and Development Centre, Ltd., 4–71, Higashi 5–chome, Hanyu–shi, Saitama 348–0052 (JP).

(74) **HAGINO, Taira** et al. / etc.; Eikoh Patent Office, 28th floor, ARK Mori Building, 12–32, Akasaka 1–chome, Minato–ku, Tokyo 107–6028 (JP).

(81) ; EP (DE FR).

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(51)[6] **F16D 69/00, B60T 8/52**

(11) **WO 00/19122** (13) A1

(21) PCT/IB98/01507

(22) **28 Sep/sep 1998 (28.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DOUBLE ACTION BRAKE SHOE
• SEGMENT DE FREIN A DOUBLE ACTION

(71, 72) **WIJAYA, Heru, Prasanta** [ID/ID]; Graha Famili D.183, PR. Kali Kendal, Surabaya 60226 (ID).

(74) **PRIAPANTJA, Cita, Citrawinda**; Biro Oktroi Roosseno, Chase Plaza, 11th floor, J1. Jend. Sudirman Kav. 21, Jakarta 12920 (ID).

(81) AU CA CN DE ID JP KR US VN.

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(51)[6] **F16G 1/28**

(11) **WO 00/19123** (13) A1

(21) PCT/US98/20601

(22) **29 Sep/sep 1998 (29.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SYNCHRONOUS DRIVE BELT WITH SCAFFOLD STRETCH FABRIC
• COURROIE D'ENTRAINEMENT SYNCHRONE COMPRENANT UN TISSU EXTENSIBLE A STRUCTURE EN ECHAFAUDAGE

(71) **THE GOODYEAR TIRE & RUBBER COMPANY** [US/US]; 1144 East Market Street, Akron, OH 44316–0001 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MORRIS, Matthew, Thomas** [US/US]; 400 W. Dilin Street, Lincoln, NE 68521 (US). **CHIEN, Wei, Willie** [US/US]; 514 Manning Court, River Edge, NJ 07661 (US).

(74) **KRAWCZYK, Nancy, T.**; The Goodyear Tire & Rubber Company, Dept. 823, 1144 East Market Street, Akron, OH 44316–0001 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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] **F16H 1/28, F02C 7/36**

(11) **WO 00/19124** (13) A1

(21) PCT/DE99/03121

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) de (26) de

(30) 198 44 843.0 **30 Sep/sep 1998 (30.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PLANETARY GEAR
• BOITE PLANETAIRE

(71) **MTU MOTOREN– UND TURBINEN–UNION MÜNCHEN GMBH** [DE/DE]; Postfach 50 06 40, D–80976 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STEGHERR, Rudolf** [DE/DE]; Kufsteiner Strasse 1, D–85221 Dachau (DE).

(81) CA US; 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 9/02**

(11) **WO 00/19125** (13) A1

(21) PCT/GB99/03198

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 9820984.4 **25 Sep/sep 1998 (25.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A VARIABLE SPEED DRIVE
• VARIATEUR DE VITESSE

(71, 72) **HAMMERBECK, John, Philip, Roger** [GB/GB]; Rawlings House, 2a Milner Street, London SW3 2PU (GB).

(74) **KINSLER, Maureen, Catherine** et al. / etc.; Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ (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 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; 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] **F16H 45/02**

(11) **WO 00/19126** (13) A1

(21) PCT/FR99/02333

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) fr (26) fr

(30) 98/12207 **30 Sep/sep 1998 (30.09.1998)** FR

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LOCKING CLUTCH FOR COUPLING APPARATUS WITH HYDROKINETIC COUPLING
• EMBRAYAGE DE VERROUILLAGE POUR APPAREIL D'ACCOUPLEMENT HYDROCINETIQUE

(71) **VALEO** [FR/FR]; 43, rue Bayen, F–75017 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARHAB, Rabah** [FR/FR]; 45, rue des Ecoles, F–95350 Saint–Brice–Sous–Forêt (FR).

(74) **GAMONAL, Didier**; Valeo Embrayages, Le Triangle, 15, rue des Rosiers, F–93585 Saint–Ouen (FR).

(81) DE US.

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(51)[6] **F16H 47/04**

(11) **WO 00/19127** (13) A1

(21) PCT/US98/20166

(22) **25 Sep/sep 1998 (25.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TRANSMISSION FOR SPEED CHANGING AND STEERING OF A VEHICLE
• TRANSMISSION POUR VARIATION DE VITESSE ET DIRECTION D'UN VEHICULE

(71) **TUFF TORQ CORPORATION** [US/US]; 5943 Commerce Boulevard, Morristown, TN 37814–1051 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HASEGAWA, Toshiyuki** [JP/US]; 5943 Commerce Boulevard, Morristown, TN 37814–1051 (US). **MCCLOUD, Travis, S.** [US/US]; 5943 Commerce Boulevard, Morristown, TN 37814–1051 (US). **ANDREWS, Keith, J.** [US/US]; 5943 Commerce Boulevard, Morristown, TN 37814–1051 (US). **ABEND, Robert** [US/US]; 5943 Commerce Boulevard, Morristown, TN 37814–1051 (US).

(74) **DURKIN, Tracy–Gene, G.** 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) JP US; 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 55/08**

(11) **WO 00/19128** (13) A1

(21) PCT/EP99/07175

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) de (26) de

(30) 198 44 388.9 **28 Sep/sep 1998 (28.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • GEAR PAIRS COMPRISED OF TWO SPUR GEARS FOR STRAIGHT–CUT OR HELICAL–CUT RUNNING GEARS
• ENGRENAGES COMPRENANT DEUX ROUES DENTEES FRONTALES POUR DENTURES D'ENGRENEMENT DROITES OU HELICOIDALES

(71) **BLW PRÄZISIONSSCHMIEDE GMBH** [DE/DE]; Frankfurter Ring 227, D–80807 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WESTERKAMP, Christoph** [DE/DE]; Am Kirschbaum 9, D–42929 Wermelskirchen (DE). **GUTMANN, Peter** [DE/DE]; Grimmeisenstrasse 11, D–81927 München (DE).

(74) **GRÄTTINGER, Günter** et al. / etc.; Grättinger & Partner (GbR), Wittelsbacherstrasse 5, D–82319 Starnberg (DE).

(81) CA CN CZ JP US; 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 61/02, 59/14**

(11) **WO 00/19129** (13) A1

(21) PCT/EP99/07042

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) de (26) de

(30) 198 44 375.7 **28 Sep/sep 1998** DE **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR CONTROLLING AN AUTOMATIC TRANSMISSION
• PROCEDE DE COMMANDE D'UNE BOITE DE VITESSES AUTOMATIQUE

(71) **ZF FRIEDRICHSHAFEN AG** [DE/DE]; D–88038 Friedrichshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHULER, Franz–Josef** [DE/DE]; Hauptstrasse 32, D–88079 Kressbronn (DE). **VALLASTER, Wolfgang** [DE/DE]; Max–Eyth–Strasse 10, D–88074 Meckenbeuren (DE). **BUCHER, Adolf** [DE/DE]; Hüttmannsberg 5/2, D–88079 Kressbronn (DE).

(74) **ZF FRIEDRICHSHAFEN AG**; D–88038 Friedrichshafen (DE).

(81) JP US; 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 61/12**

(11) **WO 00/19130** (13) A2

(21) PCT/EP99/07072

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) de (26) de

(30) 198 44 618.7 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR REDUCING THE THERMAL LOAD ON AN AUTOMATIC TRANSMISSION FOR A MOTOR VEHICLE IN EMERGENCY OPERATING MODE
• PROCEDE PERMETTANT DE REDUIRE LA CHARGE THERMIQUE D'UNE BOITE DE VITESSES AUTOMATIQUE D'UN VEHICULE AUTOMOBILE DANS UN MODE DE SECOURS

(71) **ZF BATAVIA, L.L.C.** [US/US]; 1981 Front Wheel Drive, Batavia, OH 45103 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GIERLING, Armin** [DE/DE]; Föhrenweg 15/1, D–88085 Langenargen (DE). **HENGSTLER, Hans–Dieter** [DE/DE]; Hotterlochweg 2, D–88213 Ravensburg (DE). **HOFSTÄTTER, Helmut** [DE/DE]; Rebleweiher 17, D–88074 Meckenbeuren (DE).

(74) **ZIETLOW, Karl–Peter**; ZF Friedrichshafen AG, D–88038 Friedrichshafen (DE).

(81) JP US; 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 61/12, 63/50**

(11) **WO 00/19131** (13) A1

(21) PCT/EP99/07074

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) de (26) de

(30) 198 44 623.3 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR REDUCING THE THERMAL LOAD ON AN AUTOMATIC TRANSMISSION OF A MOTOR VEHICLE IN EMERGENCY OPERATING MODE
• PROCEDE DE REDUCTION DE LA CHARGE THERMIQUE D'UNE BOITE DE VITESSES AUTOMATIQUE D'UN VEHICULE AUTOMOBILE EN MODE DE SECOURS

(71) **ZF BATAVIA, L.L.C.** [US/US]; 1981 Front Wheel Drive, Batavia, OH 45103 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GIERLING, Armin** [DE/DE]; Föhrenweg 15/1, D–88085 Langenargen (DE). **SCHMID, Wolf–Dieter** [DE/DE]; Paradiesweg 19, D–88131 Lindau (DE). **FISCHER, Johannes** [DE/DE]; Olgastrasse 41, D–88045 Friedrichshafen (DE).

(74) **ZIETLOW, Karl–Peter**; ZF Friedrichshafen AG, D–88038 Friedrichshafen (DE).

(81) JP US; 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 61/14**

(11) **WO 00/19132** (13) A1

(21) PCT/EP99/07041

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) de (26) de

(30) 198 44 440.0 **28 Sep/sep 1998** DE **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ENGINE SPEED CONTROL VIA THE TORQUE CONVERTER LOCKUP CLUTCH OF A CONTINUOUSLY VARIABLE DRIVE
• COMMANDE DU REGIME MOTEUR PAR COUPLAGE DE PONTAGE DU CONVERTISSEUR DANS LE CAS D'UNE TRANSMISSION VARIABLE

(71) **ZF BATAVIA, L.L.C.** [US/US]; 1981 Front Wheel Drive, Batavia, OH 45103 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VORNDRAN, Ralf** [DE/DE]; Kiliansstrasse 3, D–88097 Eriskirch (DE). **DANZ, Wolfgang** [DE/DE]; Flugplatzstrasse 35, D–88046 Friedrichshafen (DE). **PIEPENBRINK, Andreas** [DE/DE]; Mauthnerweg 6, D–88709 Meersburg (DE). **SCHWENGER, Andreas** [DE/DE]; Birkhuhnweg 11, D–88048 Friedrichshafen (DE).

(74) **ZIETLOW, Karl–Peter**; ZF Friedrichshafen AG, D–88038 Friedrichshafen (DE).

(81) CN JP KR US; 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] **F16K 5/04**

(11) **WO 00/19133** (13) A1

(21) PCT/FI99/00805

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) fi (26) en

(30) 982109 **30 Sep/sep 1998** FI **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • VALVE
• SOUPAPE

(71) **TASOWHEEL OY** [FI/FI]; Hepolamminkatu 27, FIN–33720 Tampere (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAAJA, Risto** [FI/FI]; Sillansalmentie 9, FIN–36240 Kangasala (FI).

(74) **NIEMINEN, Taisto**; Patenttitoimisto T Nieminen Oy, Kehräsaari B, FIN–33200 Tampere (FI).

(81) CA JP US; 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] **F16K 15/14**

(11) **WO 00/19134** (13) A1

(21) PCT/NL99/00605

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 1010223 **30 Sep/sep 1998** NL **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NON–RETURN VALVE
• CLAPET ANTI–RETOUR

(71) **SPIRO RESEARCH B.V.** [NL/NL]; Churchilllaan 52, NL–5705 BK Helmond (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROFFELSEN, Franciscus** [NL/NL]; Mauritslaan 7, NL–5707 CM Helmond (NL).

(74) **OTTEVANGERS, S., U.**; Vereenigde Octrooibureaux, Nieuwe Parklaan 97, NL–2587 BN The Hague (NL).

(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 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; 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)[6] **F16K 31/34, 31/26, E03D 1/33**

(11) **WO 00/19135** (13) A1

(21) PCT/AU99/00833

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) PP 6223 **29 Sep/sep 1998** AU **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INLET VALVE FOR CISTERNS
• SOUPAPE D'ASPIRATION POUR CITERNES

(71) **CAPON, Robert, Henry** [AU/AU]; 216 Weaponess Road, Wembley Downs, W.A. 6019 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **BEATTIE, David, Dowley** [AU/AU]; 3 Medhurst Crescent, Nollamara, W.A. 6061 (AU).

(74) **WRAY & ASSOCIATES**; 239 Adelaide Terrace, Perth, W.A. 6000 (AU).

(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 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; 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] **F16L 19/02**

(11) **WO 00/19136** (13) A1

(21) PCT/NO99/00297

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) no (26) en

(30) 19984569 **30 Sep/sep 1998** NO **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A DEVICE FOR CONNECTING TWO BODIES
• DISPOSITIF D'INTERCONNEXION DE DEUX ELEMENTS

(71) **KONGSBERG OFFSHORE AS** [NO/NO]; P.O. Box 1012, N–3601 Kongsberg (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEKKEVOLD, Knut** [NO/NO]; Hulbakkroken 11, N–3090 Hof (NO).

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

(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 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; 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] **F16L 33/02**

(11) **WO 00/19137** (13) A1

(21) PCT/US99/20755

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 09/161,213 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CLIP FITTING FOR A HOSE
• RACCORD DE FIXATION POUR TUYAU

(71) **AEROQUIP CORPORATION** [US/US]; 3000 Strayer Road, Maumee, OH 43537 (US).

(72) **GRAU, Jeffrey, M.**; 1112 Village Trail, Maumee, OH 43537 (US). **SCHMIDT, Juergen**; Weserstrasse 20, D–76437 Rastatt (DE).

(74) **PORCELLO, James, F., Jr.** et al. / etc.; Emch, Schaffer, Schaub & Porcello Co., P.O. Box 916, Toledo, OH 43697 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CR 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **F16L 37/084**

(11) **WO 00/19138** (13) A1

(21) PCT/EP99/06840

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) de (26) de

(30) 198 44 583.0 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • RELEASABLE CONNECTOR FOR HIGH PRESSURE LINES
• CONNECTEUR RAPIDE DETACHABLE POUR CANALISATIONS HAUTE PRESSION

(71) **A. RAYMOND & CIE** [FR/FR]; 113, cours Berriat, F–38028 Grenoble (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAYMOND, Albert** [FR/FR]; 9, rue Hector Berlioz, F–38170 Seyssinet (FR). **MORETTI, Erminio** [FR/FR]; 8, rue Clot–Bey, F–38000 Grenoble (FR).

(74) **KIRCHGAESSER, Johannes**; A. Raymond GmbH & Co. KG, Teichstrasse 57, D–79539 Lörrach (DE).

(81) BR CZ HU JP KR PL US; 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 59/06**

(11) **WO 00/19139** (13) A1

(21) PCT/US99/22597

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/164,506 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • VACUUM INSULATION PANEL AND METHOD OF PREPARING THE SAME
• PANNEAU A VIDE ISOLANT ET SON PROCEDE DE FABRICATION

(71) **CABOT CORPORATION** [US/US]; 75 State Street, Boston, MA 02109–1806 (US).

(72) **BOES, Ulrich, R.**; Goethestrasse 51, D–63263 Neu Isenburg (DE). **RODERICK, Kevin, H.**; 1438 Adams NE, Albuquerque, NM 87110 (US). **SMITH, Douglas, M.**; 215 Richmond SE, Albuquerque, NM 87106 (US).

(74) **LANDO, Michelle, B.**; Cabot Corporation, 157 Concord Road, P.O. Box 7001, Billerica, MA 01821–7001 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR 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 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; 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).

(51)[7] **F17D 5/02, G01M 3/28**

(11) **WO 00/19140** (13) A1

(21) PCT/DK99/00492

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) 98118451.8 **30 Sep/sep 1998** EP **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR LOCALIZING A LEAKAGE IN A PIPELINE SYSTEM
• PROCEDE DE LOCALISATION D'UNE FUITE DANS UN SYSTEME DE PIPELINES

(71) **LICENERGY A/S** [DK/DK]; Bregnerødvej 94, DK–3460 Birkerød (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GOTTLIEB, Lars** [DK/DK]; Sønderskovvej 16, DK–3460 Birkerød (DK).

(74) **BUDDE, SCHOU & OSTENFELD A/S**; Vestergade 31, DK–1456 København K (DK).

(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 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; 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] **F21K 7/00, H01L 25/075**

(11) **WO 00/19141** (13) A1

(21) PCT/EP99/06640

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) en (26) en

(30) 98203248.4 **28 Sep/sep 1998** EP **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LIGHTING SYSTEM
• SYSTEME D'ECLAIRAGE

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

(72) **BÖRNER, Herbert, F.**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **BUSSELT, Wolfgang**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **JÜSTEL, Thomas**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **NIKOL, Hans**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **RONDA, Cornelis, R.**; 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 IN JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **F21V 3/00**

(11) **WO 00/19142** (13) A1

(21) PCT/US99/22247

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/101,822 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INTERCHANGEABLE OUTDOOR LUMINAIRE AND METHOD OF ASSEMBLY THEREOF
• LUMINAIRE EXTERIEUR INTERCHANGEABLE ET PROCEDE D'ASSEMBLAGE CORRESPONDANT

(71) **U.S. POLE COMPANY, INC.** [US/US]; 7900 Clybourn Avenue, Sun Valley, CA 91352 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STRAUS, Joseph, A.** [US/US]; 4819 Kelvin Avenue, Woodland Hills, CA 91364 (US). **ORELLANA, Angel, M.** [US/US]; 4616 Orchard Avenue, Los Angeles, CA 90037 (US).

(74) **RAHN, LeRoy, T.**; Christie, Parker & Hale, LLP, P.O. Box 7068, Pasadena, CA 91109–7068 (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 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; 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)[6] **F21V 7/04**

(11) **WO 00/19143** (13) A1

(21) PCT/US99/22279

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/161,867 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DECORATIVE ORNAMENT
• ORNEMENT DECORATIF

(71, 72) **CLINTON, Edward, D.** [US/US]; 175 Deanna Road, Brockton, MA 02402 (US).

(74) **FOSTER, Scott, R.**; Pandiscio & Pandiscio, 470 Totten Pond Road, Waltham, MA 02451–1914 (US).

(81) AU BR CA CN HU IL IN JP KR LC LT MX NO PL RO RU TR UA YU; 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] **F21V 8/00**

(11) **WO 00/19144** (13) A1

(21) PCT/DE99/02881

(22) **11 Sep/sep 1999 (11.09.1999)**

(25) de (26) de

(30) 198 44 921.6 **30 Sep/sep 1998** DE **(30.09.1998)**

(30) 199 05 219.0 **9 Feb/fév 1999** DE **(09.02.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FLAT LIGHTING DEVICE
• DISPOSITIF D'ECLAIRAGE PLAT

(71) **PATENT–TREUHAND–GESELLSCHAFT FÜR ELEKTRISCHE GLÜHLAMPEN MBH** [DE/DE]; Hellabrunner Strasse 1, D–81543 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VOLLKOMMER, Frank** [DE/DE]; Neuriederstrasse 18, D–82131 Buchendorf (DE). **HITZSCHKE, Lothar** [DE/DE]; Theodor–Alt–Strasse 6, D–81737 München (DE).

(74) **PATENT–TREUHAND–GESELLSCHAFT FÜR ELEKTRISCHE GLÜHLAMPEN MBH**; Postfach 22 16 34, D–80506 München (DE).

(81) CA CN HU IN JP KR US; 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] **F21V 8/00**

(11) **WO 00/19145** (13) A1

(21) PCT/US99/22174

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 09/160,941 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ILLUMINATION SYSTEM HAVING AN ARRAY OF LINEAR PRISMS
• SYSTEME D'ECLAIREMENT DOTE D'UN ENSEMBLE DE PRISMES LINEAIRES

(71) **ALLIEDSIGNAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962–2245 (US).

(72) **BEESON, Karl, W.**; 269 Christopher Drive, Princeton, NJ 08540 (US). **ZOU, Hans**; 11 School Drive, Windsor, NJ 08561 (US).

(74) **CRISS, Roger, H.** et al. / etc.; AlliedSignal Inc. (Law Dept., Attn: A. Olinger), 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; 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] **F23D 11/38**

(11) **WO 00/19146** (13) A2

(21) PCT/CA99/00862

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) en (26) en

(30) 09/159,642 **24 Sep/sep 1998 (24.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FUEL SPRAY NOZZLE
• BUSE DE PULVERISATION DE CARBURANT

(71) **PRATT & WHITNEY CANADA INC.** [CA/CA]; Jeffrey W. Astle, Legal Services (01BE5), 1000 Marie Victorin, Longueuil, Québec J4G 1A1 (CA).

(72) **PROCIW, Lev, A.**; 26 Meadowlark Road, Elmira, Ontario N3B 1V1 (CA). **GAUDET, Dany**; 2140 Labelle #9, Longueuil, Québec J4J 3K9 (CA).

(74) **ASTLE, Jeffrey, W.**; Pratt & Whitney Canada Inc., Legal Dept. (01BE5), 1000 Marie Victorin, Longueuil, Québec J4G 1A1 (CA).

(81) CA JP RU; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **F23D 14/38**

(11) **WO 00/19147** (13) A1

(21) PCT/CN99/00112

(22) **11 Aug/août 1999 (11.08.1999)**

(25) zh (26) zh

(30) 98 1 14339.3 **25 Sep/sep 1998 (25.09.1998)** CN

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A HAND–HELD PETROL TORCH WITH SELF–PREHEATING
• CHALUMEAU A ESSENCE A MAIN AUTO–PRECHAUFFE

(71, 72) **GAO, Shile** [CN/CN]; 42 Qianshan Road, Tiedong District, Anshan, Liaoning Province 114001 (CN).

(74) **CHINA SCIENCE PATENT & TRADEMARK AGENT LTD**; 16th floor, Zhongke Building, No.80, Haidian Road, Haidain District, Beijing 100080 (CN).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **F23Q 7/00**

(11) **WO 00/19148** (13) A1

(21) PCT/DE99/02877

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) de (26) de

(30) 198 52 785.3 **28 Sep/sep 1998 (28.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CERAMIC SHEATHED–TYPE GLOW PLUG
• BOUGIE–CRAYON DE PRECHAUFFAGE EN CERAMIQUE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D–70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GEISSINGER, Albrecht** [DE/DE]; Theodor–Heuss–Strasse 41, D–75147 Mühlacker (DE). **LINDEMANN, Gert** [DE/DE]; Lerchenweg 10, D–72805 Lichtenstein (DE). **HALUSCHKA, Christoph** [DE/DE]; Altenbrunn 16, D–63911 Klingenberg (DE). **NETHING, Thomas** [DE/DE]; Unterer Ezachweg 45, D–71229 Leonberg (DE). **DRESSLER, Wolfgang** [DE/DE]; Steinhaldenweg 7, D–71665 Vaihingen (DE). **LINDNER, Friederike** [DE/DE]; Immelmannstrasse 24, D–70839 Gerlingen (DE). **BOEDER, Horst** [DE/DE]; Schäferbergweg 9, D–71069 Sindelfingen (DE). **ROWEK, Matthias** [DE/DE]; Burgstrasse 17, D–73033 Göppingen (DE). **OTTERBACH, Wolfgang** [DE/DE]; Wikingerweg 45, D–70439 Stuttgart (DE). **KERN, Christoph** [DE/DE]; Wilhelmstrasse 5, D–71546 Aspach (DE).

(81) CZ IN JP KR SI SK US; 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] **F24D 19/08, 3/10**

(11) **WO 00/19149** (13) A1

(21) PCT/NL99/00604

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 1010222 **30 Sep/sep 1998 (30.09.1998)** NL

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR OPERATING A CLOSED HOT–WATER INSTALLATION AND APPARATUS TO BE USED THEREWITH
• PROCEDE D'ACTIONNEMENT D'UNE INSTALLATION D'EAU CHAUDE FERMEE ET APPAREIL DESTINE A S'UTILISER AVEC CE PROCEDE

(71) **SPIRO RESEARCH B.V.** [NL/NL]; Churchilllaan 52, NL–5705 BK Helmond (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROFFELSEN, Franciscus** [NL/NL]; Mauritslaan 7, NL–5707 CM Helmond (NL).

(74) **OTTEVANGERS, S., U.**; Vereenidge Octrooibureaux, Nieuwe Parklaan 97, NL–2587 BN The Hague (NL).

(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 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; 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)[6] **F24F 1/00**

(11) **WO 00/19150** (13) A1

(21) PCT/JP99/05307

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) ja (26) ja

(30) 10/277387 **30 Sep/sep 1998 (30.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AIR CONDITIONING UNIT
• ORGANE DE CONDITIONNEMENT D'AIR

(71) **DAIKIN INDUSTRIES, LTD.** [JP/JP]; Umeda Center Bldg., 4–12, Nakazaki–nishi 2–chome, Kita–ku, Osaka–shi, Osaka 530–8323 (JP).

(72) **MORIZANE, Tetsuya**; Kanaoka Factory, Sakai Plant, Daikin Industries, Ltd., 1304, Kanaoka–cho, Sakai–shi, Osaka 591–8511 (JP). **SATO, Yoshikazu**; Kanaoka Factory, Sakai Plant, Daikin Industries, Ltd., 1304, Kanaoka–cho, Sakai–shi, Osaka 591–8511 (JP). **TANAKA, Toshiyuki**; Kanaoka Factory, Sakai Plant, Daikin Industries, Ltd., 1304, Kanaoka–cho, Sakai–shi, Osaka 591–8511 (JP).

(74) **MAEDA, Hiroshi** et al. / etc.; Taihei Building, 4–8, Utsubohonmachi 1–chome, Nishi–ku, Osaka–shi, Osaka 550–0004 (JP).

(81) AU CN SG; 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] **F24F 12/00, F28D 9/00**

(11) **WO 00/19151** (13) A1

(21) PCT/FR99/02266

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) fr (26) fr

(30) 98/12028 **25 Sep/sep 1998 (25.09.1998)** FR

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HEAT EXCHANGE UNIT, IN PARTICULAR FOR VENTILATING A BUILDING
• UNITE INDEPENDANTE D'ECHANGE DE CHALEUR, EN PARTICULIER POUR LA VENTILATION D'UN BATIMENT

(71) **MASA–THERM SA** [CH/CH]; L'Oselière, CH–2043 Boudevilliers (CH).
(for all designated States except / pour tous les États désignés sauf CA US)

(71, 72) **RYLEWSKI, Eugeniusz** [FR/FR]; 43 bis, avenue du Général Leclerc, F–78470 Saint Rémy les Chevreuse (FR).
(only for / seulement pour CA US)

(74) **BEZAULT, Jean**; Cabinet Netter, 40, rue Vignon, F–75009 Paris (FR).

(81) AU AZ BG CA CN CZ HU IL JP KR KZ MX NO NZ PL RO RU SI SK TR UA US VN YU ZA; EA (AM AZ BY KG 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] **F24F 13/24, F01N 1/02, F16L 55/027, G10K 11/172**

(11) **WO 00/19152** (13) A1

(21) PCT/FI99/00792

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) fi (26) en

(30) 982107 **30 Sep/sep 1998 (30.09.1998)** FI

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • REACTIVE SILENCER FOR INDUSTRIAL AIR CHANNELS AND ITS USE
• ATTENUATEUR A RESONATEUR DESTINE A DES CONDUITES D'AIR INDUSTRIELLES, ET UTILISATION ASSOCIEE

(71) **VALMET CORPORATION** [FI/FI]; Fabianinkatu 9 A, FIN–00130 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PETTERSSON, Henrik** [FI/FI]; Kuusitie 14, FIN–23100 Mynämäki (FI). **NISSILÄ, Keijo** [FI/FI]; Olkikaupungintie, FIN–21620 Kuusisto (FI). **JOKINEN, Juhani** [FI/FI]; Talvikintie 1, FIN–21250 Masku (FI). **HEIKKILÄ, Tauno** [FI/FI]; Männikönkuja 7, FIN–21420 Lieto kk (FI).

(74) **TURUN PATENTTITOIMISTO OY**; P.O. Box 99, FIN–20521 Turku (FI).

(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 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; 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)[6] **F24H 1/18, 1/20, 1/36, 9/00, 9/02**

(11) **WO 00/19153** (13) A1

(21) PCT/AU99/00818

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) PP 6161 **24 Sep/sep 1998 (24.09.1998)** AU

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NATURAL DRAFT WATER HEATER
• CHAUFFE–EAU A TIRAGE NATUREL

(71) **SOUTHCORP AUSTRALIA PTY. LTD.** [AU/AU]; Level 23, 92 King William Street, Adelaide, S.A. 5000 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VALCIC, Zoran** [AU/AU]; 4/22 Whitton Road, Chatswood, NSW 2067 (AU).

(74) **FREEHILLS PATENT ATTORNEYS**; MLC Centre, Martin Place, Sydney, NSW 2000 (AU).

(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 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; 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)[6] **F24H 7/02, F28D 20/00**

(11) **WO 00/19154** (13) A1

(21) PCT/JP99/05178

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) ja (26) ja

(30) 10/271061 **25 Sep/sep 1998 (25.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HIGH TEMPERATURE HEAT STORAGE TANK
• ACCUMULATEUR THERMIQUE HAUTE TEMPERATURE

(71) **HOKURIKU ELECTRIC POWER COMPANY** [JP/JP]; 15–1, Ushijima–cho, Toyama–shi, Toyama 930–8686 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ISHIDA, Tetsuyoshi** [JP/JP]; 281, Tsukioka–Nishimidori–cho, Toyama–shi, Toyama 939–8142 (JP).

(74) **NIHEI, Masayuki**; Izumi Building, 4–1, Shiba–Daimon 2–chome, Minato–ku, Tokyo 105–0012 (JP).

(81) AU BR CA CN KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **F25B 7/00**

(11) **WO 00/19155** (13) A1

(21) PCT/JP99/05308

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) ja (26) ja

(30) 10/277396 **30 Sep/sep 1998 (30.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • REFRIGERATOR
• REFRIGERATEUR

(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) **KAWAKATU, Noriyasu** [JP/JP]; Kanaoka Factory, Sakai Plant, Daikin Industries, Ltd., 1304, Kanaoka–cho, Sakai–shi, Osaka 591–8511 (JP). **UENO, Akitoshi** [JP/JP]; Kanaoka Factory, Sakai Plant, Daikin Industries, Ltd., 1304, Kanaoka–cho, Sakai–shi, Osaka 591–8511 (JP). **MUKAIDANI, Toshiaki** [JP/JP]; Kanaoka Factory, Sakai Plant, Daikin Industries, Ltd., 1304, Kanaoka–cho, Sakai–shi, Osaka 591–8511 (JP). **UENO, Takeo** [JP/JP]; Kanaoka Factory, Sakai Plant, Daikin Industries, Ltd., 1304, Kanaoka–cho, Sakai–shi, Osaka 591–8511 (JP).

(74) **MAEDA, Hiroshi** et al. / etc.; Taihei Building, 4–8, Utsubohonmachi 1–chome, Nishi–ku, Osaka–shi, Osaka 550–0004 (JP).

(81) AU CN NO SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **F25B 43/00, B01D 53/04**

(11) **WO 00/19156** (13) A1

(21) PCT/US99/22371

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 60/102,146 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SELF–POSITIONING ADSORBENT PACKAGE FOR AIR CONDITIONING ACCUMULATORS
• EMBALLAGE ADSORBANT AUTO–REGLABLE POUR RESERVOIRS TAMPONS D'APPAREILS DE CONDITIONNEMENT D'AIR

(71) **STANHOPE PRODUCTS COMPANY** [US/US]; 379 Albert Road, P.O. Box 70, Brookville, OH 45309 (US). **HALLA CLIMATE CONTROL CANADA INC.** [CA/CA]; 440 College Street East, P.O. Box 575, Belleville, Ontario K8N 5B2 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PERRINE, Glenn, D.** [US/US]; 172 Hatchet Drive, Eaton, OH 45320 (US). **SULLIVAN, Steve** [US/US]; 159 Green Bay Drive, Broadman, OH 44512 (US). **CORRIGAN, Daniel, L.** [CA/CA]; 469 Kingsdale Avenue, Kingtson, Ontario K7M 8A3 (CA).

(74) **PEACOCK, Bruce, E.** et al. / etc.; Biebel & French, 35 East First Street, Dayton, OH 45402 (US).

(81) CA CZ MX US; 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] **F25B 47/02, 7/00**

(11) **WO 00/19157** (13) A1

(21) PCT/JP99/05306

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) ja (26) ja

(30) 10/277033 **30 Sep/sep 1998 (30.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TWO–REFRIGERANT REFRIGERATING DEVICE
• DISPOSITIF DE REFRIGERATION A DEUX REFRIGERANTS

(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) **UENO, Akitoshi** [JP/JP]; Kanaoka Factory, Sakai Plant, Daikin Industries, Ltd., 1304, Kanaoka–cho, Sakai–shi, Osaka 591–8511 (JP). **UENO, Takeo** [JP/JP]; Kanaoka Factory, Sakai Plant, Daikin Industries, Ltd., 1304, Kanaoka–cho, Sakai–shi, Osaka 591–8511 (JP).

(74) **MAEDA, Hiroshi** et al. / etc.; Taihei–Building, 4–8, Utsubohonmachi 1–chome, Nishi–ku, Osaka–shi, Osaka 550–0004 (JP).

(81) AU CN NO SG US; 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] **F26B 3/347**

(11) **WO 00/19158** (13) A1

(21) PCT/CA99/00831

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/161,295 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DIELECTRIC DRYING KILN ELECTRODE CONNECTOR
• CONNECTEUR D'ELECTRODE DE FOUR DIELECTRIQUE DE SECHAGE

(71) **HEATWAVE DRYING SYSTEMS LTD.** [CA/CA]; 1277 Highway 6, P.O. Box 57, Crescent Valley, British Columbia V0G 1H0 (CA).

(72) **BLAKER, Glen, Craig**; 841 Nicolum Court, North Vancouver, British Columbia V7H 2S1 (CA). **ENEGREN, Terry, Albert**; #212 – 4775 Valley Drive, Vancouver, British Columbia V6J 4B7 (CA).

(74) **ROWLEY, Cecil, Alan**; 51 Riverside Parkway, P.O. Box 59, Frankford, Ontario K0K 2C0 (CA).

(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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **F26B 3/347, 15/12, 7/00**

(11) **WO 00/19159** (13) A1

(21) PCT/CA99/00832

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/161,396 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DIELECTRIC DRYING KILN MATERIAL HANDLING SYSTEM
• SYSTEME DE MANUTENTION DES MATERIAUX POUR FOUR A SECHAGE DIELECTRIQUE

(71) **HEATWAVE DRYING SYSTEMS LTD.** [CA/CA]; 1277 Highway 6, P.O. Box 57, Crescent Valley, British Columbia V0G 1H0 (CA).

(72) **BLAKER, Glenn, Craig**; 841 Nicolum Court, North Vancouver, British Columbia V7H 2S1 (CA). **ENEGREN, Terry, Albert**; #212 – 4775 Valley Drive, Vancouver, British Columbia V6J 4B7 (CA). **HO, Yiu, Kwan**; #705 – 5615 Hampton Place, Vancouver, British Columbia V6T 2H1 (CA). **KOOZNETSOFF, Garry, Kenneth**; RR#2, Site 10, C–4, Castlegar, British Columbia V1N 3L4 (CA). **ZWICK, Robert, Lewis**; 2309 Glade Road, RR#2 Site 25, C–22, Castlegar, British Columbia V1N 3L4 (CA).

(74) **ROWLEY, Cecil, Alan**; 51 Riverside Parkway, P.O. Box 59, Frankford, Ontario K0K 2C0 (CA).

(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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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)[6] **F26B 17/12, F23G 5/04**

(11) **WO 00/19160** (13) A1

(21) PCT/JP99/05240

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) ja (26) ja

(30) 10/270974 **25 Sep/sep 1998 (25.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ASCENDING KILN TYPE DRYING APPARATUS AND FURNACE EQUIPPED WITH SAME
• APPAREIL DE SECHAGE DU TYPE FOUR ASCENDANT ET FOUR EQUIPE DE CET APPAREIL

(71) **MORIGUCHI, Kei** [JP/JP]; 47–3, Saiin–nisshocho, Ukyo–ku, Kyoto–shi, Kyoto 615–0065 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MORIGUCHI, Yaichiro** [JP/JP]; 4–16–34, Kigawahigashi, Yodogawa–ku, Osaka–shi, Osaka 532–0012 (JP).

(74) **SUZUKI, Takao** et al. / etc.; 7–2–7, Nishinakajima, Yodogawa–ku, Osaka–shi, Osaka 532–0011 (JP).

(81) CN IN KR US.

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(51)[6] **F27D 11/00**

(11) **WO 00/19161** (13) A1

(21) PCT/US99/21796

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/161,185 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • APPARATUS AND METHOD FOR CONTROLLING FLUID IN A MICRO-MACHINED BOILER
• DISPOSITIF ET PROCEDE DE COMMANDE DE FLUIDE DANS UNE CHAUDIERE MICRO–USINEE

(71) **REDWOOD MICROSYSTEMS** [US/US]; 1020 Hamilton Court, Menlo Park, CA 94025 (US).

(72) **COZAD, Bradford, A.**; 36163 Bayonne Drive, Newark, CA 94560 (US).

(74) **GALLIANI, William, S.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (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; 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)[6] **F28F 1/32**

(11) **WO 00/19162** (13) A1

(21) PCT/EP98/06246

(22) **30 Sep/sep 1998 (30.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HEAT EXCHANGER FIN
• AILETTE D'ECHANGEUR DE CHALEUR

(71) **NORSK HYDRO ASA** [NO/NO]; Bygdøy Allé 2, N–0240 Oslo (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ESPEDAL, Bjarne, Arvid** [DK/DK]; Bygmarken 22, DK–6360 Tinglev (DK).

(74) **BLEUKX, Luc**; Hydro S.A., Avenue Marcel Thiry 83, B–1200 Brussels (BE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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] **F28F 9/02**

(11) **WO 00/19163** (13) A1

(21) PCT/FR99/02285

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) fr (26) fr

(30) 98/12031 **25 Sep/sep 1998** FR **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HEAT EXCHANGER WITH REDUCED SPACE REQUIREMENT, IN PARTICULAR FOR MOTOR VEHICLE
• ENCHANGEUR DE CHALEUR D'ENCOMBREMENT REDUIT, EN PARTICULIER POUR VEHICULE AUTOMOBILE

(71) **VALEO THERMIQUE MOTEUR** [FR/FR]; 8, rue Louis–Lormand, F–78321 La Verrière (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAHNOUN, Abdel–Jalil** [TN/FR]; 3, Clos Jean Vilar, F–78280 Guyancourt (FR). **MAHE, Christian** [FR/FR]; 16, résidence du Taillis, F–78490 Le Tremblay sur Mauldre (FR).

(74) **RUIS, Alain**; Valeo Thermique Moteur, 8, rue Louis–Lormand, F–78321 La Verrière (FR).

(81) BR MX US; 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 11/02, F41J 9/10**

(11) **WO 00/19164** (13) A1

(21) PCT/US99/22654

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/162,104 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ELECTRONICALLY CONFIGURABLE TOWED DECOY FOR DISPENSING INFRARED EMITTING FLARES
• LEURRE REMORQUE A CONFIGURATION ELECTRONIQUE PERMETTANT D'ENVOYER DES MUNITIONS ECLAIRANTES A INFRAROUGE

(71) **RAYTHEON COMPANY** [US/US]; 141 Spring Street, Lexington, MA 02421 (US).

(72) **SWEENY, Llewellyn, Ray**; 689 Hillside Drive, Solvang, CA 93463 (US).

(74) **SCHUBERT, William, C.**; Raytheon Company, 2000 East El Segundo Boulevard, P.O. Box 902, Building EO/E01, M/S E150, El Segundo, CA 90245–0902 (US) et al. / etc.

(81) AE AU IL JP KR NO; 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] **G01B 3/12, G06K 7/10, G01F 23/00**

(11) **WO 00/19165** (13) A1

(21) PCT/GB99/03216

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 9820915.8 **26 Sep/sep 1998** GB **(26.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CONTENTS MEASURING APPARATUS AND METHOD AND STOCK CONTROL SYSTEM
• APPAREIL ET PROCEDE DE MESURE DE CONTENU ET SYSTEME DE CONTROLE DE STOCKS

(71) **LINBURN TECHNOLOGY LIMITED** [GB/GB]; Sybrig House, Donibristle Industrial Park, Hillend, Dunfermline KY11 5JN (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MITCHINSON, James, Collier** [GB/GB]; 7 Earn Grove, Dunfermline KY11 4LL (GB).

(74) **MURGITROYD & COMPANY**; 373 Scotland Street, Glasgow G5 8QA (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 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; 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)[6] **G01B 5/28**

(11) **WO 00/19166** (13) A1

(21) PCT/US99/22175

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/101,963 **26 Sep/sep 1998** US **(26.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MULTIDIMENSIONAL SENSING SYSTEM FOR ATOMIC FORCE MISCROSCOPY
• SYSTEME DE DETECTION MULTIDIMENSIONNEL POUR MICROSCOPE A FORCE ATOMIQUE

(71) **XIDEX CORPORATION** [US/US]; Suite 105, 8906 Wall Street, Austin, TX 78754 (US).

(72) **MANCEVSKI, Vladimir**; 4806 Alta Loma Drive, Austin, TX 78749 (US).

(74) **MCLAUCHLAN, Robert, A.**; Gray Cary Ware & Freidenrich, LLP, Suite 1440, 100 Congress Avenue, Austin, TX 78701 (US).

(81) AU CN JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G01B 11/02, B23K 26/08**

(11) **WO 00/19167** (13) A1

(21) PCT/EP98/06225

(22) **30 Sep/sep 1998 (30.09.1998)**

(25) de (26) de

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CALIBRATING A DEPTH SENSOR OF A LASER–PROCESSING DEVICE AND PRODUCING A DIE LAYER BY LAYER USING VARIABLE PROGRAMMING
• ETALONNAGE D'UN DETECTEUR DE PROFONDEUR D'UN DISPOSITIF D'USINAGE PAR LASER ET PRODUCTION D'UNE MATRICE A PROGRAMMATION VARIABLE, PAR ENLEVEMENT DE COUCHES SUCCESSIVES

(71) **LCTEC LASER– UND COMPUTER-TECHNIK GMBH** [DE/DE]; Tiroler Strasse 85, D–87459 Pfronten (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KUHL, Michael** [DE/DE]; Welfenstrasse 12 B, D–87629 Füssen (DE). **WRBA, Peter** [DE/DE]; Rosenweg 10, D–87647 Unterthingau (DE). **HILDEBRAND, Peter** [DE/DE]; Gschwend 34, D–87484 Nesselwang (DE). **REISACHER, Martin** [DE/DE]; Mariabergerstrasse 69 a, D–87439 Kempten (DE).

(74) **BEETZ & PARTNER**; Steinsdorfstrasse 10, D–80538 München (DE).

(81) JP US; 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] **G01B 21/00, F02M 65/00, G01M 19/00**

(11) **WO 00/19168** (13) A1

(21) PCT/DE99/01154

(22) **17 Apr/avr 1999 (17.04.1999)**

(25) de (26) de

(30) 198 44 602.0 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MEASURING THE ANGULAR DISTRIBUTION OF A LIQUID SPRAY PRODUCED BY A FUEL INJECTION VALVE
• MESURE DE LA REPARTITION ANGULAIRE D'UN JET DE FLUIDE PRODUIT PAR UNE SOUPAPE D'INJECTION DE CARBURANT

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D–70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHOEFFEL, Eberhard** [DE/DE]; Meranierstrasse 42, D–96049 Bamberg (DE). **SEIDEL, Josef** [DE/DE]; Leonhardstrasse 9, D–96149 Breitengüssbach (DE).

(81) BR CN JP KR US; 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] **G01C 19/56**

(11) **WO 00/19169** (13) A1

(21) PCT/EP99/07205

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) de (26) de

(30) 198 44 686.1 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MICROMECHANICAL ROTATION RATE SENSOR AND METHOD FOR PRODUCING THE SAME
• DETECTEUR DE VITESSE DE ROTATION ET PROCEDE PERMETTANT DE LE PRODUIRE

(71) **FRAUNHOFER–GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [DE/DE]; Leonrodstrasse 54, D–80636 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHMID, Rainer** [DE/DE]; Saleggstrasse 11, D–81547 München (DE).

(74) **SCHOPPE, Fritz**; Schoppe, Zimmermann & Stöckeler, Postfach 71 08 67, D–81458 München (DE).

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

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(51)[6] **G01C 21/00, G06G 7/78, 7/70, 7/76, G06F 19/00**

(11) **WO 00/19170** (13) A1

(21) PCT/US99/22559

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/163,588 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ACTIVATION SYSTEM FOR AN ADVANCE NOTIFICATION SYSTEM FOR MONITORING THE STATUS OF VEHICLE TRAVEL
• SYSTEME DE DECLENCHEMENT D'UN DISPOSITIF DE NOTIFICATION ANTICIPEE POUR LA SURVEILLANCE ET LA COMMUNICATION DES DEPLACEMENTS D'UN VEHICULE

(71) **GLOBAL RESEARCH SYSTEMS, INC.** [US/US]; 886 Horseleg Creek Road, S.W., Rome, GA 30165 (US).

(72) **JONES, Martin, Kelly**; 2417 Third Street, Dalton, GA 30720 (US).

(74) **HOLLAND, Jon, E.**; Thomas, Kayden, Horstemeyer & Risley LLP, 100 Galleria Parkway, Suite 1500, Atlanta, GA 30339 (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 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; 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)[6] **G01C 21/00, G06G 7/78, 7/70, 7/76, G06F 19/00**

(11) **WO 00/19171** (13) A1

(21) PCT/US99/22979

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/163,958 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SYSTEM AND METHOD FOR AN ADVANCE NOTIFICATION SYSTEM FOR MONITORING AND REPORTING PROXIMITY OF A VEHICLE
• SYSTEME ET PROCEDE DESTINES A UN SYSTEME DE NOTIFICATION PREALABLE PERMETTANT DE SURVEILLER ET DE SIGNALER LA PROXIMITE D'UN VEHICULE

(71) **GLOBAL RESEARCH SYSTEMS, INC.** [US/US]; 886 Horseleg Creek Road S.W., Rome, GA 30165 (US).

(72) **JONES, Martin, Kelly**; 2417 Third Street, Dalton, GA 30720 (US).

(74) **HOLLAND, E., Jon**; Thomas, Kayden, Horstemeyer & Risley, L.L.P., Suite 1500, 100 Galleria Parkway, Atlanta, GA 30339 (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 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; 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)[6] **G01D 5/36, G04G 1/00**

(11) **WO 00/19172** (13) A1

(21) PCT/JP99/05031

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) ja (26) ja

(30) 10/278970 **30 Sep/sep 1998** JP **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INFORMATION PROCESSOR
• MACHINE DE TRAITEMENT DE L'INFORMATION

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4–1, Nishi–Shinjuku 2–chome, Shinjuku–ku, Tokyo 163–0811 (JP).
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(72, 75) **SHINBO, Akira** [JP/JP]; Seiko Epson Corporation, 3–5, Owa 3–chome, Suwa–shi, Nagano 392–8502 (JP).

(74) **SUZUKI, Kisaburo** et al. / etc.; Seiko Epson Corporation, Intellectual Property Dept., 3–5, Owa 3–chome, Suwa–shi, Nagano 392–8502 (JP).

(81) CN US; 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**

(11) **WO 00/19173** (13) A2

(21) PCT/US99/23001

(22) **1 Oct/oct 1999 (01.10.1999)**

(25) en (26) en

(30) 09/164,962 **1 Oct/oct 1998 (01.10.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ANALOG LIQUID LEVEL SENSOR
• DETECTEUR ANALOGIQUE DE NIVEAU DE LIQUIDE

(71) **IMAGING & SENSING TECHNOLOGY CORPORATION** [US/US]; 300 Westinghouse Circle, Horseheads, NY 14845 (US).

(72) **KEMP, John, W.**; 39 Andrew Street, St. George, Ontario (CA).

(74) **SOMMER, Peter, K.**; Phillips, Lytle, Hitchcock, Blaine & Huber LLP, 3400 HSBC Center, Buffalo, NY 14203 (US).

(81) BG BR CA CN CZ HU JP KR LT MX RO RU SK UA; 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 1/58**

(11) **WO 00/19174** (13) A1

(21) PCT/GB99/03219

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 9821159.2 **29 Sep/sep 1998 (29.09.1998)** GB

(30) 9914189.7 **17 Jun/juin 1999 (17.06.1999)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MAGNETIC FLOW METER
• COMPTEUR ELECTROMAGNETIQUE

(71) **SCIENTIFIC GENERICS LIMITED** [GB/GB]; Harston Mill, Harston, Cambridgeshire CB2 5NH (GB). **SENSUS TECHNOLOGIES INC.** [US/US]; 450 N. Gallatin Avenue, P.O. Box 487, Uniontown, PA 15401 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DAMES, Andrew, Nicholas** [GB/GB]; 74 DeFreville Avenue, Cambridge CB4 1HU (GB). **ENGLAND, James, Mark, Carson** [GB/GB]; 44a Butt Lane, Milton, Cambridge CB4 6DG (GB). **JONES, Ross, Peter** [GB/GB]; 84 Wulfsten Way, Cambridge CB1 4QJ (GB). **TOPLISS, Richard, John** [GB/GB]; 43 Bishop Road, Trumpington, Cambridge CB2 2NQ (GB). **ANSELL, Ian** [GB/GB]; 47 St Philips Road, Newmarket, Suffolk CB8 0ES (GB). **COLLIER, Nicholas** [GB/GB]; 3 Ainsworth Court, Ainsworth Street, Cambridge CB1 2PA (GB). **LODGE, Graham** [GB/GB]; 6 Spinney Way, Needingworth, Cambridge PE17 3SR (GB). **HEMBER, Miles, William, Noel** [GB/GB]; 37 Norfolk Street, Cambridge CB1 2LD (GB).

(74) **BERESFORD, Keith, Denis, Lewis** et al. / etc.; Beresford & Co., 2–5 Warwick Court, High Holborn, London WC1R 5DJ (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 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; 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] **G01F 1/84, 1/74, G01N 9/00**

(11) **WO 00/19175** (13) A1

(21) PCT/US99/20616

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 09/163,529 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TRANSIENT BUBBLE REMEDIATION IN CORIOLIS FLOWMETERS
• BIORESTAURATION DES BULLES TRANSITOIRES DANS DES DEBITMETRES A EFFET DE CORIOLIS

(71) **MICRO MOTION, INC.** [US/US]; 7070 Winchester Circle, Boulder, CO 80301 (US).

(72) **DUTTON, Robert, E.**; 1027 Willow Place, Louisville, CO 80027 (US).

(74) **WILBAR, William, P.** et al. / etc.; Duft, Graziano & Forest, P.C., 1790 – 30th Street, Suite 140, Boulder, CO 80301 (US).

(81) AU BR CA CN ID IN JP KR MX PL RU SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G01F 17/00, F17D 3/01, F16K 31/02**

(11) **WO 00/19176** (13) A1

(21) PCT/US99/22408

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 60/101,756 **25 Sep/sep 1998 (25.09.1998)** US

(30) 09/405,864 **24 Sep/sep 1999 (24.09.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ULTRASONIC MEASUREMENT SYSTEM WITH MOLECULAR WEIGHT DETERMINATION
• SYSTEME DE MESURE PAR ULTRASONS AVEC DETERMINATION DE POIDS MOLECULAIRE

(63) US 60/101,756 (CIP) 25 Sep/sep 1998 (25.09.1998)

(71) **PANAMETRICS, INC.** [US/US]; 221 Crescent Street, Waltham, MA 02453–3497 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAMMOND, Robert, H.** [US/US]; 32 Sheperd Street, Cambridge, MA 02138 (US).

(74) **FALKOFF, Michael, I.** et al. / etc.; Nutter, McClennen & Fish, LLP, One International Place, Boston, MA 02110–2699 (US).

(81) CA JP US; 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] **G01K 1/10**

(11) **WO 00/19177** (13) A1

(21) PCT/US99/22529

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,419 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BEHIND THE BRICK THERMOCOUPLE
• THERMOCOUPLE DONT L'ELEMENT DE MESURE SE TROUVE DERRIERE UNE COUCHE DE BRIQUE

(71) **TEXACO DEVELOPMENT CORPORATION** [US/US]; 2000 Westchester Avenue, White Plains, NY 10650–0001 (US).

(72) **STEVENSON, John, S.**; 5303 Via Cervantes, Yorba Linda, CA 92687–3125 (US). **SANTOS, Kent, W.**; 6290 San Ruben Circle, Buena Park, CA 90620–3680 (US). **ZACHARIOU, Gus**; 2148 Petaluma, Luna Beach, CA 90815 (US).

(74) **WHITE, Carter, J.** et al. / etc.; Arnold White & Durkee, 750 Bering Drive, Houston, TX 77057 (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 DE 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 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; 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] **G01L**

(11) **WO 00/19178** (13) A2

(21) PCT/DE99/02501

(22) **10 Aug/août 1999 (10.08.1999)**

(25) de (26) de

(30) 198 44 556.3 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PRESSURE SENSOR
• DETECTEUR DE PRESSION

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D–70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAEGELE, Erwin** [DE/DE]; Hinterdorfstrasse 43, D–74394 Hessigheim (DE). **KELLER, Herbert** [DE/DE]; Egon–Rouff–Strasse 10, D–75446 Wiernsheim (DE). **MAST, Martin** [DE/DE]; Keimenaeckerstrasse 52, D–70839 Gerlingen (DE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G01L 1/00, F16B 31/02**

(11) **WO 00/19179** (13) A1

(21) PCT/US99/22155

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/101,889 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • STRAIN GAUGE AND STRAIN–INDICATING DEVICES
• TENSIOMETRE ET DISPOSITIFS INDICATEURS DE TENSION

(71) **STRUCTURAL INTEGRITY MONITORING SYSTEMS, INC.** [US/US]; 322 Main Street, Willimantic, CT 06226 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HODGE, Malcolm, H.** [US/US]; 485 Mountain Road, West Hartford, CT 06117 (US).

(74) **LIBERT, Victor, E.** et al. / etc.; Law Office of Victor E. Libert, 3 Mill Pond Lane, P.O. Box 538, Simsbury, CT 06070–0538 (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 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; 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)[6] **G01M 3/04, F16L 55/11**

(11) **WO 00/19180** (13) A1

(21) PCT/US99/22276

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/101,758 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TEST PLUG
• BOUCHON D'ESSAI

(71) **E–TICKET ENTERPRISES, LLC** [US/US]; 509 Firelight Drive, Santa Rosa, CA 95403 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DUNCAN, Scott, E.** [US/US]; 509 Firelight Drive, Santa Rosa, CA 95403 (US).

(74) **WITTENBERG, Malcolm, B.**; Crosby, Heafey, Roach & May, 4 Embarcadero Center, Suite 1900, San Francisco, CA 94111–4106 (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 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; 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] **G01N 3/30, 3/04 // 3/18**

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(21) PCT/EP99/06063

(22) **19 Aug/août 1999 (19.08.1999)**

(25) de (26) de

(30) 198 44 008.1 **25 Sep/sep 1998** DE **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MACHINE FOR PRESSING A SAMPLE AGAINST THE ABUTMENT OF A TESTING MACHINE FOR NOTCHED BAR IMPACT BENDING TESTS
• DISPOSITIF PRESSEUR PERMETTANT DE PLAQUER UN ECHANTILLON CONTRE LA BUTEE D'UNE MACHINE D'ESSAI DE RESILIENCE SUR DES BARREAUX ENTAILLES

(71) **FORSCHUNGSZENTRUM KARLSRUHE GMBH** [DE/DE]; Weberstrasse 5, D–76133 Karlsruhe (DE).

(72) **RIETH, Michael**; Finkenweg 9, D–75045 Walzbachtal (DE). **DAFFERNER, Bernhard**; Wendelinusstrasse 35, D–76646 Bruchsal (DE). **KUNZE, Ralf**; Marie–Alexandra–Strasse 42, D–76135 Karlsruhe (DE). **ERNST, Oliver**; Hirschstrasse 17, D–76133 Karlsruhe (DE).

(81) ; 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 3/30 // 3/18**

(11) **WO 00/19182** (13) A1

(21) PCT/EP99/06068

(22) **19 Aug/août 1999 (19.08.1999)**

(25) de (26) de

(30) 198 44 007.3 **25 Sep/sep 1998** DE **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HOPPER DEVICE FOR TEMPERING SAMPLES AND CHARGING A TESTING MACHINE FOR NOTCHED BAR IMPACT TESTS
• COMPARTIMENT DE TEMPERAGE D'ECHANTILLONS ET DE CHARGEMENT D'UNE MACHINE D'ESSAI AUX FINS D'ESSAIS DE RESILIENCE SUR DES BARREAUX ENTAILLES

(71) **FORSCHUNGSZENTRUM KARLSRUHE GMBH** [DE/DE]; Weberstrasse 5, D–76133 Karlsruhe (DE).

(72) **RIETH, Michael**; Finkenweg 9, D–75045 Walzbachtal (DE). **DAFFERNER, Bernhard**; Wendelinusstrasse 35, D–76646 Bruchsal (DE). **KUNZE, Ralf**; Marie–Alexandra–Strasse 42, D–76135 Karlsruhe (DE). **ERNST, Oliver**; Hirschstrasse 17, D–76133 Karlsruhe (DE).

(81) ; 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 3/32**

(11) **WO 00/19183** (13) A1

(21) PCT/JP99/05218

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 10/288699 **28 Sep/sep 1998** JP **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FATIGUE DAMAGE DETECTION SENSOR FOR STRUCTURAL MATERIALS AND MOUNTING METHOD THEREOF
• CAPTEUR DE DETECTION DE DETERIORATIONS DUES A LA FATIGUE, DESTINES A DES MATERIAUX STRUCTURELS, ET PROCEDE DE MONTAGE ASSOCIE

(71) **BMC CO., LTD.** [JP/JP]; WBG Maribu West 25F, 2–6, Nakase, Mikama–ku, Chiba–city, Chiba 261–7125 (JP).
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(72, 75) **ABE, Makoto** [JP/JP]; WBG Maribu West 25F, 2–6, Nakase, Mihama–ku, Chiba–city, Chiba 261–7125 (JP).

(74) **MATOBA, Motonori**; 2F, Mikami–Building, 27 San'ei–cho, Shinjuku–ku, Tokyo 160–0008 (JP).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS 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 US UZ VN YU ZA ZW; 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)[6] **G01N 11/08, A61B 8/12**

(11) **WO 00/19184** (13) A1

(21) PCT/US99/21777

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/161,658 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SYSTEM AND METHOD FOR MONITORING PRESSURE, FLOW AND CONSTRICTION PARAMETERS OF PLUMBING AND BLOOD VESSELS
• SYSTEME ET PROCEDE DE SURVEILLANCE DE PARAMETRES DE PRESSION, DE DEBIT ET DE CONSTRICTION DE CONDUITS ET DE VAISSEAUX SANGUINS

(71) **REMON MEDICAL TECHNOLOGIES LTD.** [IL/IL]; P.O. Box 3533, 38900 Caesarea Industrial (IL).
(for all designated States except / pour tous les États désignés sauf US)

(71) **FRIEDMAN, Mark, M.** [US/IL]; Alharizi Street 1, 43406 Raanana (IL).
(only for / seulement pour TJ)

(72, 75) **PORAT, Yariv** [IL/IL]; Harofe Street 5, 34387 Haifa (IL). **TSALIAH, Yoseph** [IL/IL]; Rahel Street 9, 27000 Kiryat Bialik (IL). **DORON, Eyal** [IL/IL]; Margalit Street 16, 29500 Kiryat Yam (IL).

(74) **FRIEDMAN, Mark, M.**; c/o Castorina, Anthony, Suite 207, 2001 Jefferson Davis Highway, Arlington, VA 22202 (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; 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] **G01N 21/86**

(11) **WO 00/19185** (13) A1

(21) PCT/EP99/07222

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) de (26) de

(30) 198 44 500.8 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR THE PHOTOMETRIC ANALYSIS OF TEST ELEMENTS
• PROCEDE D'EVALUATION PHOTOMETRIQUE D'ELEMENTS DE TEST

(71) **ROCHE DIAGNOSTICS GMBH** [DE/DE]; D–68298 Mannheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MILTNER, Karl** [DE/DE]; Ernst–Ludwig–Kirchner Strasse 22, D–67227 Frankenthal (DE). **RUPPENDER, Uwe** [DE/DE]; Ifflandstrasse 7, D–68161 Mannheim (DE). **WERSIG, Christian** [DE/DE]; Feuerbergstrasse 7, D–67134 Kirkenheide (DE). **ZIMMER, Volker** [DE/DE]; Wilhelmstrasse 64, D–69221 Dossenheim (DE).

(74) **ROCHE DIAGNOSTICS GMBH**; Patentabteilung, D–68298 Mannheim (DE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G01N 22/00**

(11) **WO 00/19186** (13) A1

(21) PCT/JP99/05234

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) ja (26) ja

(30) 10/271348 **25 Sep/sep 1998** JP **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND DEVICE FOR MEASURING DIELECTRIC CONSTANT
• PROCEDE ET DISPOSITIF POUR MESURER UNE CONSTANTE DIELECTRIQUE

(71) **OJI PAPER CO., LTD.** [JP/JP]; 7–5, Ginza 4–chome, Chuo–ku, Tokyo 104–0061 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAGATA, Shinichi** [JP/JP]; Oji Paper Co., Ltd. Amagasaki Research Center, 3–1, Jokoji 4–chome, Amagasaki–shi, Hyogo–ken 660–0811 (JP). **MIYAMATO, Seiichi** [JP/JP]; Oji Paper Co., Ltd. Amagasaki Research Center, 3–1, Jokoji 4–chome, Amagasaki–shi, Hyogo 660–0811 (JP). **OKADA, Fumiaki** [JP/JP]; 3–12–2, Kajiwara, Kamakura–shi, Kanagawa–ken 247–0063 (JP).

(74) **NOGUCHI, Shigeo**; Noguchi Patent Office, Rapport Nanba 9th floor, 8–1, Motomachi 2–chome, Naniwa–ku, Osaka–shi, Osaka 556–0016 (JP).

(81) US; 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 23/00**

(11) **WO 00/19187** (13) A2

(21) PCT/EP99/06645

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) en (26) en

(30) 98203223.7 **28 Sep/sep 1998** EP **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • APPARATUS FOR X–RAY ANALYSIS IN GRAZING EXIT CONDITIONS
• APPAREIL D'ANALYSE AUX RAYONS X DANS DES CONDITIONS DE SORTIE RASANTE

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

(72) **DEN HARTOG, Sander, G.**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **DE BOKX, Pieter, K.**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **BAKKER, Hendrik**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

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

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(51)[6] **G01N 27/26**

(11) **WO 00/19188** (13) A1

(21) PCT/JP99/05110

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) ja (26) ja

(30) 10/279191 **30 Sep/sep 1998** JP **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CORROSSION/ANTICORROSION ANALYSIS METHOD
• PROCEDE D'ANALYSE DE CORROSION/ANTICORROSION

(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) **MIYASAKA, Matsuho** [JP/JP]; Ebara Research Co., Ltd., 2–1, Honfujisawa 4–chome, Fujisawa–shi, Kanagawa 251–8502 (JP). **TAKAYAMA, Hirokazu** [JP/JP]; Ebara Corporation, 11–1 Haneda Asahi–cho, Ohta–ku, Tokyo 144–8510 (JP). **AMAYA, Kenji** [JP/JP]; #202 Mezon Kitto, 786 Hachiman–cho, Kamimaruko, Nakahara–ku, Kawasaki–shi, Kanagawa 211–0001 (JP). **AOKI, Shigeru** [JP/JP]; 2–4–302, Wakabadai, Asahi–ku, Yokohama–shi, Kanagawa 241–0801 (JP).

(74) **WATANABE, Isamu** et al. / etc.; GOWA Nishi–Shinjuku 4th floor, 5–8, Nishi–Shinjuku 7–chome, Shinjuku–ku, Tokyo 160–0023 (JP).

(81) CN US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)[6] **G01N 27/28, 31/22**

(11) **WO 00/19189** (13) A1

(21) PCT/JP99/05325

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) ja (26) ja

(30) 10/291509 **29 Sep/sep 1998 (29.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SAMPLE COMPONENT ANALYSIS SYSTEM AND SENSOR CHIP AND SENSOR PACK USED FOR THE SYSTEM
• SYSTEME D'ANALYSE DES COMPOSANTS D'UN ECHANTILLON, ET PUCE DE DETECTION ET ENSEMBLE DE DETECTION UTILISES DANS CE SYSTEME

(71) **OMRON CORPORATION** [JP/JP]; 10, Tsuchido–cho, Hanazono, Ukyo–ku, Kyoto–shi, Kyoto 616–8025 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TOKITA, Muneo** [JP/JP]; Omron Corporation, 10, Tsuchido–cho, Hanazono, Ukyo–ku, Kyoto–shi, Kyoto 616–8025 (JP). **SANO, Yoshihiko** [JP/JP]; Omron Corporation, 10, Tsuchido–cho, Hanazono, Ukyo–ku, Kyoto–shi, Kyoto 616–8025 (JP). **KUKI, Kiyotsugu** [JP/JP]; Omron Corporation, 10, Tsuchido–cho, Hanazono, Ukyo–ku, Kyoto–shi, Kyoto 616–8025 (JP). **TANAKA, Shinya** [JP/JP]; Omron Corporation, 10, Tsuchido–cho, Hanazono, Ukyo–ku, Kyoto–shi, Kyoto 616–8025 (JP).

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

(81) CN US; 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 27/404**

(11) **WO 00/19190** (13) A1

(21) PCT/US99/22465

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/164,138 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND APPARATUS FOR IMPROVED GAS SENSOR
• PROCEDE ET APPAREIL POUR DETECTEUR DE GAZ AMELIORE

(71) **TELEDYNE INDUSTRIES, INC.** [US/US]; 2049 Century Park East, Los Angeles, CA 90067 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHU, Edmond** [US/US]; 12410 Rue Cheaumont, San Diego, CA 92131 (US). **THOMLINSON, Marguerite** [US/US]; 81 Monticello, Irvine, CA 92620 (US).

(74) **PUGH, Robert, J.** et al. / etc.; Allegheny Teledyne Incorporated, 1000 Six PPG Place, Pittsburgh, PA 15222 (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; 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] **G01N 29/08**

(11) **WO 00/19191** (13) A1

(21) PCT/EP99/07164

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) de (26) de

(30) 198 44 447.8 **28 Sep/sep 1998 (28.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE FOR EXAMINING SHEET–LIKE ARTICLES USING ULTRASOUND
• DISPOSITIF POUR LE CONTROLE PAR ULTRASONS D'ARTICLES EN FORME DE FEUILLES

(71) **GIESECKE & DEVRIENT GMBH** [DE/DE]; Prinzregentenstrasse 159, D–81677 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HORNUNG, Heinz** [DE/DE]; Weichselbaumer Strasse 15, D–82205 Gilching (DE). **SCHANDA, Ulrich** [DE/DE]; Finkenweg 24, D–83607 Holzkirchen (DE).

(74) **KLUNKER, SCHMITT–NILSON, HIRSCH**; Winzererstrasse 106, D–80797 München (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 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; 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] **G01N 30/72, H01J 49/04**

(11) **WO 00/19192** (13) A1

(21) PCT/US99/22322

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 09/162,261 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PNEUMATICALLY ASSISTED ELECTROSPRAY DEVICE WITH ALTERNATING PRESSURE GRADIENTS FOR MASS SPECTROMETRY
• DISPOSITIF D'ELECTRONEBULISATION PNEUMATIQUE A GRADIENTS DE PRESSION ALTERNES POUR SPECTROMETRIE DE MASSE

(71) **VARIAN, INC.** [US/US]; 3120 Hansen Way, Palo Alto, CA 94304 (US).

(72) **WELLS, Gregory, J.**; 3011 Beechwood Court, Fairfield, CA 94533 (US). **TONG, Roger, C.**; 939 Fresno Avenue, Berkeley, CA 94707 (US). **YEE, Peter, P.**; 10089 Alcosta Boulevard, San Ramon, CA 94583 (US).

(74) **FISHMAN, Bella** et al. / etc.; Varian, Inc., Legal Dept., 3120 Hansen Way D–102, Palo Alto, CA 94304 (US).

(81) CA JP; 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 30/72, H01J 49/04**

(11) **WO 00/19193** (13) A1

(21) PCT/US99/22323

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 09/162,260 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SPLIT FLOW ELECTROSPRAY DEVICE FOR MASS SPECTROMETRY
• DISPOSITIF D'ELECTRONEBULISATION A COURANT DIVERGENT POUR SPECTROMETRIE DE MASSE

(71) **VARIAN, INC.** [US/US]; 3120 Hansen Way, Palo Alto, CA 94304 (US).

(72) **WELLS, Gregory, J.**; 3011 Beechwood Court, Fairfield, CA 94533 (US). **TONG, Roger, C.**; 939 Fresno Avenue, Berkeley, CA 94707 (US). **YEE, Peter, P.**; 10089 Alcosta Boulevard, San Ramon, CA 94583 (US).

(74) **FISHMAN, Bella** et al. / etc.; Varian, Inc., Legal Dept., 3120 Hansen Way, D–102, Palo Alto, CA 94304 (US).

(81) CA JP; 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 31/16**

(11) **WO 00/19194** (13) A1

(21) PCT/IB99/01577

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 98307868.4 **28 Sep/sep 1998 (28.09.1998)** EP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FIELD TEST APPARATUS AND METHOD FOR ANALYSIS OF COOLANTS AND HEAT–EXCHANGE FLUIDS
• DISPOSITIF ET PROCEDE D'ESSAI IN SITU POUR L'ANALYSE DE FLUIDES DE REFROIDISSEMENT ET D'ECHANGE THERMIQUE

(71) **TEXACO DEVELOPMENT CORPORATION** [US/US]; 2000 Wetchester Avenue, White Plains, NY 10650 (US).

(72) **MAES, Jean–Pierre**; Burgemeester De Guchteneerelaan 36, B–9820 Merelbeke (BE). **ROOSE, Peter**; Zwijnaardsesteenweg 240, B–9000 Gent (BE). **VEN KENHOVE, Filip**; Heidestraat 95, B–2890 St. Amands (BE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; 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)[6] **G01N 31/22, 1/02, 1/10, 1/14**

(11) **WO 00/19195** (13) A1

(21) PCT/US99/22318

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 60/102,144 **29 Sep/sep 1998 (29.09.1998)** US

(30) 09/387,875 **1 Sep/sep 1999 (01.09.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ENVIRONMENTAL MATERIAL TICKET READER (EMTR) AND ENVIRONMENTAL MATERIAL TICKET (EMT) SYSTEM
• LECTEUR D'ETIQUETTES DE MATIERES DANGEREUSES POUR L'ENVIRONNEMENT (EMTR) ET SYSTEME D'ETIQUETTAGE DE MATIERES DANGEREUSES POUR L'ENVIRONNEMENT (EMT)

(71) **THE UNITED STATES OF AMERICA, represented by THE SECRETARY OF THE ARMY** [US/US]; Washington, DC 20310 (US).

(72) **GENOVESE, James, A.**; 3630 Ady Road, Street, MD 21154 (US). **NOLAN, Patrick, M.**; 401 Cooley Mill Road, Havre de Grace, MD 21078 (US).

(74) **RANUCCI, Vincent, J.** et al. / etc.; U.S. Army Soldier and Biological Chemical Command, Office of the Chief Counsel/Bldg E4435, Aberdeen Proving Ground, MD 21010–5424 (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 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; 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] **G01N 33/00**

(11) **WO 00/19196** (13) A2

(21) PCT/DE99/03234

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) de (26) de

(30) 198 46 148.8 **1 Oct/oct 1998 (01.10.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND TEST KIT FOR EVALUATING THE OXIDATIVE MODIFICATION OF SUBSTANCES CONTAINING PROTEIN BY MEASURING THEIR ANTIOXIDATIVE ACTIVITY
• PROCEDE ET NECESSAIRE D'ANALYSE DESTINES A L'EVALUATION LA MODIFICATION OXYDANTE DE MATIERES CONTENANT DES PROTEINES PAR MESURE DE LEUR ACTIVITE ANTIRADICALE

(71, 72) **POPOV, Igor** [DE/DE]; Scharnhorststrasse 2, D–10115 Berlin (DE). **LEWIN, Gudrun** [DE/DE]; Scharnhorststrasse 2, D–10115 Berlin (DE).

(74) **WEHLAN, Helmut**; Paul–Gesche–Strasse 1, D–10315 Berlin (DE).

(81) JP US; 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 33/18**

(11) **WO 00/19197** (13) A1

(21) PCT/FR99/02273

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) fr (26) fr

(30) 98/12037 **25 Sep/sep 1998 (25.09.1998)** FR

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND DEVICE FOR PRODUCING VERTICAL PROFILES OF MEASURED VARIABLES CHARACTERISING A BODY OF SEA WATER
• PROCEDE ET DISPOSITIF POUR REALISER DES PROFILS VERTICAUX DE MESURES DE GRANDEURS CARACTERISTIQUES D'UNE MASSE D'EAU MARINE

(71) **SOCIETE BRETONNE D'INSTRUMENTATION OCEANOGRAPHIQUE BRIO** [FR/FR]; 21, boulevard Katerine Wylie, F–29900 Concarneau (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GUINARD, Jean–Paul** [FR/FR]; 21, boulevard Katerine Wylie, F–29900 Concarneau (FR).

(74) **CABINET DE BOISSE ET COLAS**; 37, avenue Franklin D. Roosevelt, F–75008 Paris (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 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; 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] **G01N 33/20**

(11) **WO 00/19198** (13) A1

(21) PCT/SE99/01590

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 9803299–8 **29 Sep/sep 1998 (29.09.1998)** SE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE AND METHOD FOR MEASUREMENT OF PROCESS PARAMETERS FOR CONTROLLING OF METALLURGICAL PROCESSES
• DISPOSITIF ET PROCEDE DE MESURES DE PARAMETRES DE PROCEDE DESTINES A LA CONDUITE DE PROCEDES METALLURGIQUES

(71) **SMTE SWEDEN AB** [SE/SE]; Box 814, S–781–28 Borlänge (SE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HELLSTENIUS, Jan** [SE/SE]; Sjöbrisvägen 36, S–784 37 Borlänge (SE). **ROSÉN, Svante** [SE/SE]; Djurås by 83, S–780 41 Gagnef (SE).

(74) **STENBORG, Anders** et al. / etc.; Aros Patent AB, Box 1544, S–751 45 Uppsala (SE).

(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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **G01N 33/48, 33/53, C12M 1/00, 1/40**

(11) **WO 00/19199** (13) A1

(21) PCT/US99/22614

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,199 **29 Sep/sep 1998 (29.09.1998)** US

(30) 60/122,658 **3 Mar/mar 1999 (03.03.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A METHOD OF AND DEVICE FOR DETERMINING OVULATION IN MAMMALS
• PROCEDE ET DISPOSITIF PERMETTANT DE DETERMINER L'ETAT DE L'OVULATION CHEZ LES MAMMIFERES

(71) **FERTILITY ACOUSTICS INC.** [US/US]; 836 Main Street, Buffalo, NY 14202 (US).

(72) **BURNS, William, H., Jr.**; 69 Forest Drive, Orchard Park, NY 14127 (US). **BURNS, Roberta**; 69 Forest Drive, Orchard Park, NY 14127 (US). **GIBBONS, William, S., Jr.**; 2228 Westover Drive, Winston–Salem, NC 27103 (US). **MCNEIRNEY, John, C.**; 405 Dix–Lee–On Drive, Fairburn, GA 30231 (US).

(74) **LINIHAN, Martin, G.** et al. / etc.; Hodgson, Russ, Andrews, Woods & Goodyear, LLP, Suite 2000, One M & T Plaza, Buffalo, NY 14203–2391 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; 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] **G01N 33/50, 33/68, A61K 31/00, C07C 279/26**

(11) **WO 00/19200** (13) A1

(21) PCT/US99/22261

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/161,172 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IDENTIFYING AGENTS THAT ALTER MITOCHONDRIAL PERMEABILITY TRANSITION PORES
• IDENTIFICATION D'AGENTS MODIFIANT LES COMPOSANTS MOLECULAIRES DE TRANSITION DE PERMEABILITE DES MITOCHONDRIES

(71) **MITOKOR** [US/US]; 11494 Sorrento Valley Road, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DYKENS, James, A.** [US/US]; 2117 Pleasant Grove Road, Encinitas, CA 92024 (US). **MILLER, Scott, W.** [US/US]; 1205 Calle Fantasia, San Marcos, CA 92069 (US). **GHOSH, Soumitra, S.** [US/US]; 12334 Pathos Lane, San Diego, CA 92129 (US). **DAVIS, Robert, E.** [US/US]; 13272 Glencliff Way, San Diego, CA 92130 (US).

(74) **ROSENMAN, Stephen, J.** et al. / etc.; Seed and Berry LLP, 6300 Columbia Center, 701 Fifth Avenue, Seattle, WA 98104–7092 (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 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; 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)[6] **G01N 33/53, 33/546, A61K 31/74, C08L 83/00**

(11) **WO 00/19201** (13) A1

(21) PCT/US99/22113

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 09/161,555 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BIOLOGICAL ASSAY COMPOSITIONS CONTAINING NON–INTERFERING, FOAM–INHIBITING AND FOAM–COLLAPSING AGENTS
• COMPOSITIONS POUR ANALYSES BIOLOGIQUES CONTENANT DES AGENTS ANTIMOUSSE QUI EMPECHENT LA FORMATION ET LA PERSISTANCE DE MOUSSE SANS INTERFERER AVEC L'ANALYSE

(71) **QUEST DIAGNOSTICS INVESTMENTS INCORPORATED** [US/US]; 300 Delaware Avenue, Wilmington, DE 19899 (US).

(72) **GARRITY, Martha, Louise**; 151 Avenue Princesa, San Clemente, CA 92672 (US). **DIAMOND, Ronald, N.**; 6690 East Paseo Cancion, Anaheim Hills, CA 92807 (US).

(74) **STOUT, Donald, E.** et al. / etc.; Stout, Uxa, Buyan & Mullins, LLP, 4 Venture #300, Irvine, CA 92618 (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 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; 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 : *(c)*

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(51)[7] **G01N 33/532, 33/531, 33/533, 33/53, 33/554, 21/76, C12Q 1/00**

(11) **WO 00/19202** (13) A1

(21) PCT/US99/22210

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/101,788 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FLUORESCENCE POLARIZATION–BASED DIAGNOSTIC ASSAY FOR *LEPTOSPIRA* SEROVARS
• DOSAGE DIAGNOSTIQUE A POLARISATION DE FLUORESCENCE DESTINE A DES SEROVARS DE *LEPTOSPIRA*

(71) **DIACHEMIX CORPORATION** [US/US]; Suite H, 683 East Center Street, Grayslake, IL 60030 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BUGHIO, Nasreen, I.** [CA/CA]; 370 Forest Street, #805, Ottawa, Ontario K2B 8B3 (CA). **LIN, Min** [CA/CA]; 39 Millford Avenue, Nepean, Ontario K2G 1C2 (CA). **SURUJBALLI, Om, P.** [CA/CA]; 77 Shoreham Avenue, Nepean, Ontario K2G 3X3 (CA).

(74) **MACHONKIN, Richard, A.**; McDonnell Boehnen Hulbert & Berghoff, 32nd floor, 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; 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 : *(c)*

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(51)[7] **G01N 33/543, 21/75, 33/53, 33/487**

(11) **WO 00/19203** (13) A1

(21) PCT/GB99/03199

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 9820919.0 **26 Sep/sep 1998** GB **(26.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DIAGNOSTIC METHOD
• METHODE DIAGNOSTIQUE

(71) **THE SECRETARY OF STATE FOR DEFENCE** [GB/GB]; Defence Evaluation and Research Agency, Ively Road, Farnborough, Hampshire GU14 0LX (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PAYNE, Dean, William** [GB/GB]; CBD Porton Down, Salisbury, Wiltshire SP4 0JQ (GB). **McDONNELL, Martin, Bernard** [GB/GB]; CBD Porton Down, Salisbury, Wiltshire SP4 0JQ (GB). **FISHER, Michael, Ian** [GB/GB]; CBD Porton Down, Salisbury, Wiltshire SP4 0JQ (GB). **GOSLING, Peter** [GB/GB]; Dept. of Clinical Biochemistry, University Hospital Birmingham, N.H.S. Trust, Selly Oak Hospital, Raddlebarn Road, Birmingham B29 6JD (GB).

(74) **BOWDERY, A., O.**; D/IPR, Formalities Section (DERA), Poplar 2, MOD Abbey Wood #19, Bristol BS34 8JH (GB).

(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 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; 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)[6] **G01N 33/569, C12Q 1/68, C12N 15/11**

(11) **WO 00/19204** (13) A1

(21) PCT/AU99/00822

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) PP 6127 **24 Sep/sep 1998** AU **(24.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD OF DETECTING *PLASMODIOPHORA SPP.*
• METHODE DE DETECTION DE *PLASMODIOPHORA SPP.*

(71) **ROYAL MELBOURNE INSTITUTE OF TECHNOLOGY** [AU/AU]; 124 LaTrobe Street, Melbourne, VIC 3000 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FAGGIAN, Robert** [AU/AU]; 16 Mason Street, Ferntree Gully, VIC 3152 (AU). **LAWRIE, Ann, Campbell** [AU/AU]; 39 Ferdinand Avenue, North Balwyn, VIC 3104 (AU).

(74) **ROBERTS, Mark, K.** et al. / etc.; Davies Collison Cave, 1 Little Collins Street, Melbourne, VIC 3000 (AU).

(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 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; 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] **G01N 33/573, 33/50, C12Q 1/48, C07K 16/18**

(11) **WO 00/19205** (13) A1

(21) PCT/US99/22537

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/163,507 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INHIBITION OF PAK ACTIVATION OF RAF–1
• INHIBITION DE L'ACTIVATION DE RAF–1 PAR PAK

(71) **ADVANCED RESEARCH AND TECHNOLOGY INSTITUTE, INC.** [US/US]; Indiana University Research Park, Suite 111, 501 North Morton Street, Bloomington, IN 47404 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARSHALL, Mark, S.** [US/US]; 1519 Spruce Court, Carmel, IN 46033 (US). **DIAZ, Henry, B.** [US/US]; 911 Cameron Street, Indianapolis, IN 46203 (US). **KING, Alastair, J.** [GB/US]; 5134 McCarty Court, Indianapolis, IN 46254 (US). **SUN, Huaiyu** [CN/US]; 408 Lansing Street, Indianapolis, IN 46202 (US).

(74) **VIKSNINS, Ann, S.**; Schwegman, Lunberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (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 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; 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] **G01N 33/574**

(11) **WO 00/19206** (13) A1

(21) PCT/US99/22615

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/164,862 **1 Oct/oct 1998** US **(01.10.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • YKL–40 AS A MARKER AND PROGNOSTIC INDICATOR FOR CANCERS
• YKL–40 EN TANT Q UE MARQUEUR ET INDICATEUR DE PRONOSTIC POUR LE CANCER

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 12th floor, 1111 Franklin Street, Oakland, CA 94607–5200 (US).

(72) **PRICE, Paul, A.**; 2638 Prestwick Court, La Jolla, CA 92037 (US). **JOHANSEN, Julia, S.**; C.F. Richsvej 101 B, 2th, DK–2000 Frederiksberg (DK).

(74) **HUNTER, Tom** et al. / etc.; Majestic, Parsons, Siebert & Hsue P.C., Suite 1100, Four Embarcadero Center, San Francisco, CA 94111–4106 (US).

(81) AU CA JP KR NO; 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 33/68**

(11) **WO 00/19207** (13) A2

(21) PCT/AT99/00230

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) de (26) de

(30) A 1618/98 **29 Sep/sep 1998** AT **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR IDENTIFYING ATRIAL NATRIURETIC PEPTIDE (ANP)
• PROCEDE POUR DETERMINER LA PRESENCE D'UN PEPTIDE NATRIURETIQUE AURICULAIRE

(71) **BIOMEDICA GESELLSCHAFT MBH** [AT/AT]; Divischgasse 4, A–1210 Wien (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WOLOSZCZUK, Wolfgang** [AT/AT]; Wlassakstrasse 26, A–1130 Wien (AT). **MISSBICHLER, Albert** [AT/AT]; Marokkanergasse 3/2/3/62, A–1030 Wien (AT).

(74) **ITZE, Peter** et al. / etc.; Amerlingstrasse 8, A–1061 Wien (AT).

(81) AU CA JP NO US; 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 33/68, 33/574**

(11) **WO 00/19208** (13) A1

(21) PCT/GB99/03235

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 9821170.9 **30 Sep/sep 1998** GB **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • EGFR 37 KDA FRAGMENT AS CANCER MARKER
• FRAGMENT DE 37 KDA D'EGFR (RECEPTEUR DU FACTEUR DE CROISSANCE EPIDERMIQUE) UTILE COMME MARQUEUR DE CANCER

(71) **UNIVERSITY OF ULSTER AT JORDANSTOWN** [GB/GB]; Newtownabbey, Co Antrim BT37 0QB (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **McKEOWN, Stephanie** [GB/GB]; 14 Tillyrusk Road, Dundrod, Crumlin BT29 4JA (GB). **RITCHIE, Joan** [GB/GB]; 2 Ardymagh Road, Ballynashee, Ballyclare BT39 9TJ (GB).

(74) **MURGITROYD & COMPANY**; 373 Scotland Street, Glasgow G5 8QA (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 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; 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] **G01N 33/68**

(11) **WO 00/19209** (13) A1

(21) PCT/US99/22374

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 60/102,323 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DETERMINING RESISTANCE TO TREATMENT FOR HEPATITIS C VIRUS
• DETECTION DE RESISTANCE A UN TRAITEMENT CONTRE LE VIRUS DE L'HEPATITE C

(71) **DIACRIN, INC.** [US/US]; Building 96, 13th Street, Charlestown Navy Yard, Charlestown, MA 02129 (US). **TRUSTEES OF BOSTON UNIVERSITY** [US/US]; 147 Bay State Road, Boston, MA 02215 (US).

(72) **EDGE, Albert**; 4A Kirkland Place, Cambridge, MA 02138 (US). **AFDHAL, Nezam, H.**; 59 Constellation Wharf, Charlestown, MA 02129 (US).

(74) **MANDRAGOURAS, Amy, E.** et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).

(81) AU CA JP; 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 33/68**

(11) **WO 00/19210** (13) A2

(21) PCT/US99/22684

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/160,082 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BIOLOGICAL REAGENTS AND METHODS FOR DETERMINING THE MECHANISM IN THE GENERATION OF β–AMYLOID PEPTIDE
• REACTIFS BIOLOGIQUES ET PROCEDES SERVANT A DETERMINER LE MECANISME IMPLIQUE DANS LA GENERATION DU PEPTIDE β–AMYLOIDE

(63) US 60/160,082 (CON) 30 Sep/sep 1998 (30.09.1998)

(71) **ELAN PHARMACEUTICALS, INC.** [US/US]; 800 Gateway Boulevard, South San Francisco, CA 94080 (US). **ELI LILLY AND COMPANY** [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AUDIA, James, E.** [US/US]; 6449 Lakeside Woods Circle, Indianapolis, IN 46278 (US). **HYSLOP, Paul, A.** [GB/US]; 7556 Cherryhill Drive, Indianapolis, IN 46254 (US). **NISSEN, Jeffrey, S.** [US/US]; 4348 Oil Creek Drive, Indianapolis, IN 46268 (US). **THOMPSON, Richard, C.** [US/US]; 763 North County Road 900 West, Frankfort, IN 46041 (US). **TUNG, Jay, S.** [US/US]; 2224 Semeria Avenue, Belmont, CA 94002 (US). **TANNER, Laura, I.** [US/US]; 3037 Turk Boulevard, San Francisco, CA 94118 (US).

(74) **SWISS, Gerald, F.**; Burns, Doane, Swecker & Mathis, LLP, P.O. Box 1404, Alexandria, VA 22313–1404 (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 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; 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] **G01N 35/10**

(11) **WO 00/19211** (13) A1

(21) PCT/EP99/07008

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) de (26) de

(30) 98810984.9 **30 Sep/sep 1998** EP **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE FOR POSITIONING A PIPETTING NEEDLE
• DISPOSITIF PERMETTANT DE POSITIONNER UNE AIGUILLE DE PIPETTE

(71) **F. HOFFMANN–LA ROCHE AG** [CH/CH]; Grenzacherstrasse 124, CH–4070 Basel (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHMIDIGER, Willi** [CH/CH]; Gutenegg, CH–6125 Menzberg (CH). **SIDLER, Thomas** [CH/CH]; Sonnmatt 20, CH–6343 Rotkreuz (CH). **ZWEIFEL, Heinrich** [CH/CH]; Burg 28, CH–9620 Lichtensteig (CH).

(74) **AMMANN PATENTANWÄLTE AG BERN**; Schwarztorstrasse 31, CH–3001 Bern (CH).

(81) JP US; 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] **G01P**

(11) **WO 00/19212** (13) A2

(21) PCT/US99/22605

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 60/102,151 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MINIATURE OPTICAL SENSOR
• CAPTEUR OPTIQUE MINIATURE

(71) **CALIFORNIA INSTITUTE OF TECHNOLOGY** [US/US]; 1200 East California Boulevard, Mail Code 201–85, Pasadena, CA 91125 (US).

(72) **MODARES, Darius**; 12 La Vista Verde, Rancho Palos Verdes, CA 90275 (US). **GHARIB, Mory**; 556 S. Berkeley Avenue, San Marino, CA 91108 (US). **TAUGWALDER, Fred**; 110 S. Michigan #14, Pasadena, CA 91106 (US).

(74) **HARRIS, Scott, C.**; Fish & Richardson, P.C., Suite 1400, 4225 Executive Square, La Jolla, CA 92037 (US).

(81) CA JP; 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] **G01P 3/48, H02P 7/00**

(11) **WO 00/19213** (13) A1

(21) PCT/DK99/00477

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 198 44 330.7 **28 Sep/sep 1998** DE **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE FOR DETERMINING THE POSITION OF A BATTERY OPERATED CONTROL MOTOR WITH COMMUTATOR

• DISPOSITIF PERMETTANT DE DETERMINER LA POSITION D'UN MOTEUR DE COMMANDE ENTRAINE PAR BATTERIE A L'AIDE D'UN COMMUTATEUR

(71) **DANFOSS A/S** [DK/DK]; DK–6430 Nordborg (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZACHO, Per, Gregor** [DK/DK]; Kløvertoften 41, Svenstrup, DK–6430 Nordborg (DK). **PEDERSEN, Per, Elgård** [DK/DK]; Alsgade 11C, DK–6400 Sønderborg (DK).

(74) **DANFOSS A/S**; Patent Department, DK–6430 Nordborg (DK).

(81) AM AT AU BA BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HR HU IL IN IS JP KR KZ LT LU LV MD MK MX NO NZ PL PT RO RU SE SG SI SK TR UA US UZ VN YU ZA; EA (AM AZ BY KG 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] **G01P 5/00, G03H 1/26**

(11) **WO 00/19214** (13) A2

(21) PCT/DE99/03106

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) de (26) de

(30) 198 44 367.6 **28 Sep/sep 1998 (28.09.1998)** DE

(30) 199 46 262.3 **27 Sep/sep 1999 (27.09.1999)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR OPTICAL THREE–DIMENSIONAL VELOCIMETRY OF SCATTERED PARTICLES
• PROCEDE DE MESURE OPTIQUE EN TROIS DIMENSIONS DE LA VITESSE DE PARTICULES VAGABONDES

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D–70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHALLER, Johannes** [DE/DE]; Stammheimer Strasse 7/1, D–70825 Korntal–Muenchingen (DE).

(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G01R 1/04, 31/02**

(11) **WO 00/19215** (13) A1

(21) PCT/US99/21011

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 09/164,444 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • THERMAL ISOLATION PLATE FOR PROBE CARD
• PLAQUE D'ISOLATION THERMIQUE POUR CARTE PORTE–SONDES

(71) **CREDENCE SYSTEMS CORPORATION** [US/US]; 215 Fourier Avenue, Fremont, CA 94539 (US).

(72) **MOORE, James, David**; 5162 S.W. Malsam Court, Tualatin, OR 97062 (US). **HANNAN, James, M.**; 19975 N.W. Nestucca Drive, Portland, OR 97229 (US). **MCMULLIN, Jeffrey, S.**; 6500 S.E. Ivon Avenue, Portland, OR 97206 (US).

(74) **BEDELL, Daniel, J.**; Smith–Hill and Bedell, P.C., Suite 104, 12670 N.W. Barnes Road, Portland, OR 97229 (US).

(81) JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G01R 5/16, G01D 7/00**

(11) **WO 00/19216** (13) A1

(21) PCT/JP99/05154

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) ja (26) ja

(30) 10/276299 **30 Sep/sep 1998 (30.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR DRIVING METER
• PROCEDE DE DEPLACEMENT DE L'AIGUILLE D'UN COMPTEUR

(71) **NIPPON SEIKI CO., LTD.** [JP/JP]; 2–34, Higashi–zaoh 2–chome, Nagaoka–shi, Niigata 940–8580 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JINUSHI, Kouichi** [JP/JP]; Nippon seiki co., Ltd, 2–34, Higashi–zaoh 2–chome, Nagaoka–shi, Niigata 940–8580 (JP).

(81) CN KR US; 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] **G01R 15/24**

(11) **WO 00/19217** (13) A1

(21) PCT/US99/21211

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/163,750 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IN–LINE ELECTRO–OPTIC VOLTAGE SENSOR
• VOLTMETRE ELECTRO–OPTIQUE EN LIGNE

(71) **HONEYWELL INC.** [US/US]; Honeywell Plaza, Minneapolis, MN 55408 (US).

(72) **BLAKE, James, N.**; 5528 East Michele Drive, Scottsdale, AZ 85254 (US).

(74) **SHUDY, John, G., Jr.**; Honeywell Inc., Honeywell Plaza – MN12–8251, P.O. Box 524, Minneapolis, MN 55440–0524 (US).

(81) BR CA CN IN JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G01R 25/00, 19/14**

(11) **WO 00/19218** (13) A1

(21) PCT/US99/22311

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/162,476 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SELF–VENTILATING FOOTWEAR
• ARTICLE CHAUSSANT AUTOVENTILE

(71, 72) **CLARK, Gregory** [US/US]; 245 Newtown Turnpike, Weston, CT 06883 (US).

(74) **GOTTS, Lawrence, J.** et al. / etc.; Crowell & Morning LLP, 1001 Pennsylvania Avenue, N.W., Washington, DC 20004–2595 (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; 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)[6] **G01R 27/28**

(11) **WO 00/19219** (13) A1

(21) PCT/RU98/00311

(22) **29 Sep/sep 1998 (29.09.1998)**

(25) ru (26) ru

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR MEASURING THE FREQUENCY CHARACTERISTICS OF A PASSIVE QUADRIPOLE IN A WAVEGUIDE
• PROCEDE DE MESURE DES CARACTERISTIQUES DE FREQUENCE D'UN QUADRIPOLE PASSIF DANS UN GUIDE D'ONDES

(71, 72) **NUIKIN, Vitaly Vladimirovich** [RU/RU]; pr. Gagarina, 35–9, St.Petersburg, 196142 (RU).

(74) **AVSEEVICH, Tatiyana Mikhailovna**; a/ya 77, St.Petersburg, 191194 (RU).

(81) CA DE GB JP KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G01R 31/02, 1/073**

(11) **WO 00/19220** (13) A1

(21) PCT/US99/21735

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) en (26) en

(30) 09/160,801 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • APPARATUS FOR TESTING MULTI–TERMINAL ELECTRONIC COMPONENTS
• DISPOSITIF CONÇU POUR TESTER DES COMPOSANTS ELECTRONIQUES MULTI–TERMINAUX

(71) **ELECTRO SCIENTIFIC INDUSTRIES, INC.** [US/US]; 13900 N.W. Science Park Drive, Portland, OR 97299 (US).

(72) **BAUMANN, Joseph**; Apartment #202, 18625 Caminito Cantilena, San Diego, CA 92128 (US). **HERMANN, Jakob**; 10616 E. Michigan Avenue, Sun Lakes, AZ 85248 (US).

(74) **MURPHEY, John, J.**; Murphey Law Offices, Suite 260, 701 Palomar Airport Road, Carlsbad, CA 92009–1027 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; 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] **G01R 31/08**

(11) **WO 00/19221** (13) A1

(21) PCT/FR99/02288

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) fr (26) fr

(30) 98/12420 **28 Sep/sep 1998 (28.09.1998)** FR

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND DEVICE FOR LOCATING AN INSULATION FAULT IN AN ELECTRIC CABLE
• PROCEDE ET DISPOSITIF POUR LA LOCALISATION D'UN DEFAUT D'ISOLEMENT D'UN CABLE ELECTRIQUE

(71) **SOCRAT** [FR/FR]; 14 Avenue du Lion, ZI de la Poulasse, Lot 24, F–83210 Sollies–Pont (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BUSSINGER, Jean** [FR/FR]; Chemin de la Grande Vigne, Quartier Farabregue, F–83136 Sainte Anastasie (FR).

(74) **MARCHAND, André**; OMNIPAT, 24, Place des Martyrs de la Résistance, F–13100 Aix en Provence (FR).

(81) AU CA JP US; 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] **G01R 31/316**

(11) **WO 00/19222** (13) A2

(21) PCT/DE99/03117

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) de (26) de

(30) 198 45 064.8 **30 Sep/sep 1998 (30.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SEMICONDUCTOR SWITCHING CIRCUIT WITH AN INTEGRATED SELF–TESTING CIRCUIT
• CIRCUIT DE COMMUTATION A SEMI–CONDUCTEUR, A CIRCUIT D'AUTOVERIFICATION INTEGRE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHNEIDER, Helmut** [DE/DE]; Siegmund–Schacky–Strasse 20, D–80993 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) JP KR US; 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] **G01R 31/3185**

(11) **WO 00/19223** (13) A1

(21) PCT/DE99/02733

(22) **1 Sep/sep 1999 (01.09.1999)**

(25) de (26) de

(30) 198 44 731.0 **29 Sep/sep 1998 (29.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LOW REDESIGN APPLICATION–SPECIFIC MODULE
• MODULE PROPRE A L'APPLICATION ET OFFRANT UNE REDUCTION DE COUT EN CAS DE REMANIEMENT

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GHAMESHLU, Majid** [AT/AT]; Kopalgasse 40/10, A–1110 Wien (AT). **KRAUSE, Karlheinz** [DE/DE]; Rudolfstrasse 92, D–82152 Planegg (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CN DE ID US.

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(51)[7] **G01R 31/3185**

(11) **WO 00/19224** (13) A1

(21) PCT/EP99/07189

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) de (26) de

(30) 98118302.3 **28 Sep/sep 1998 (28.09.1998)** EP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CIRCUIT CONFIGURATION WITH A SCAN PATH THAT CAN BE DEACTIVATED
• CIRCUITERIE A CHEMIN DE BALAYAGE DESACTIVABLE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PALM, Herbert** [DE/DE]; Rieschbogen 45, D–85635 Höhenkirchen (DE). **SMOLA, Michael** [DE/DE]; Jutastrasse 17, D–80636 München (DE). **WALLSTAB, Stefan** [DE/DE]; Gust.–Heinemann–Ring 55, D–81739 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) BR CN IN JP KR RU UA US; 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] **G01R 31/36**

(11) **WO 00/19225** (13) A1

(21) PCT/GB99/03037

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 9821151.9 **30 Sep/sep 1998 (30.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND APPARATUS FOR AUTOMOTIVE AND OTHER BATTERY TESTING
• PROCEDE ET DISPOSITIF POUR ESSAIS DE VEHICULE ET AUTRES ESSAIS DE BATTERIES

(71) **SNAP–ON EQUIPMENT LIMITED** [GB/GB]; Unit 12, Horsleys Fields, King's Lynn, Norfolk PE30 5DD (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JONES, Barbara, Lynn** [GB/GB]; Snap–on Equipment Limited, Unit 12, Horsleys Fields, King's Lynn, Norfolk PE30 5DD (GB). **SMITH, Paul** [GB/GB]; Snap–on Equipment Limited, Unit 12, Horsleys Fields, King's Lynn, Norfolk PE20 5DD (GB).

(74) **ARCHER, Philip, Bruce**; Urquhart–Dykes & Lord, New Priestgate House, 57 Priestgate, Peterborough, Cambs PE1 1JX (GB).

(81) AU CA CN JP KR MX US; 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] **G01R 33/09**

(11) **WO 00/19226** (13) A1

(21) PCT/US99/22356

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 60/102,188 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • QUAD–LAYER GMR SANDWICH
• MONTAGE EN SANDWICH A MAGNETORESISTANCE GEANTE (GMR) QUADRICOUCHE

(71) **SEAGATE TECHNOLOGY, INC.** [US/US]; Intellectual Property, Building 15, 920 Disc Drive, Scotts Valley, CA 95066 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EVERITT, Brenda, A.** [US/US]; 5213 Washburn Avenue S., Minneapolis, MN 55410 (US).

(74) **BRUESS, Steven, C.**; Merchant & Gould P.C., 3100 Norwest Center, 90 South Seventh Street, Minneapolis, MN 55402–4131 (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 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; 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] **G01R 33/28**

(11) **WO 00/19227** (13) A1

(21) PCT/GB99/03134

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) en (26) en

(30) 9821038.8 **28 Sep/sep 1998 (28.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD OF MAGNETIC RESONANCE IMAGING
• PROCEDE D'IMAGERIE PAR RESONANCE MAGNETIQUE

(63) US 60/106,695 (CIP) 2 Nov/nov 1998 (02.11.1998)

(71) **NYCOMED IMAGING AS** [NO/NO]; Nycoveien 1–2, N–0401 Oslo (NO).
(for all designated States except / pour tous les États désignés sauf US)

(71) **COCKBAIN, Julian** [GB/GB]; Flat 4, 83 Linden Gardens, London W2 4EU (GB).
(only for / seulement pour GB)

(72, 75) **BJØRNERUD, Atle** [NO/NO]; Nycomed Imaging AS, Nycoveien 1–2, N–0401 Oslo (NO). **KELLAR, Kenneth, Edmund** [US/US]; Nycomed Inc., 466 Devon Park Drive, P.O. Box 6630, Wayne, PA 19087–8630 (US). **BRILEY–SAEBO, Karen** [US/NO]; Nycomed Imaging AS, Nycoveien 1–2, N–0401 Oslo (NO). **JOHANSSON, Lars** [SE/NO]; Nycomed Imaging AS, Nycoveien 1–2, N–0401 Oslo (NO).

(74) **COCKBAIN, Julian** et al. / etc.; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

(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 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; 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] **G01R 33/32**

(11) **WO 00/19228** (13) A2

(21) PCT/DE99/03148

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) de (26) de

(30) 198 44 895.3 **30 Sep/sep 1998 (30.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROBE HEAD FOR AN NMR SPECTROMETER
• TETE DE SONDE POUR UN SPECTROMETRE A RESONANCE MAGNETIQUE NUCLEAIRE

(71, 72) **BERGMANN, Wilfried** [DE/DE]; Dürenbacherstrasse 31, D–56651 Niederdürenbach–Hain (DE).

(74) **PARTNERSCHAFT DUNKELBERG & STUTE PATENTANWÄLTE**; Friesenwall 5 – 6, D–50672 Köln (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 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; 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] **G01S 1/04**

(11) **WO 00/19229** (13) A1

(21) PCT/FR99/02277

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) fr (26) fr

(30) 98/12022 **25 Sep/sep 1998 (25.09.1998)** FR

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND DEVICE FOR RECEPTION PROCESSING OF A GPS SATELLITE L2 SIGNAL
• PROCEDE ET DISPOSITIF DE TRAITEMENT EN RECEPTION D'UN SIGNAL L2 DE SATELLITE GPS

(71) **THOMSON–CSF SEXTANT** [FR/FR]; Aérodrome de Villacoublay, F–78140 Vélizy Villacoublay (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RENARD, Alain** [FR/FR]; Thomson–CSF Propriété Intellectuelle, Dépt. Brevets, 13, avenue du Président Salvador Allende, F–94117 Arcueil Cedex (FR). **REVOL, Marc** [FR/FR]; Thomson–CSF Propriété Intellectuelle, Dépt. Brevets, 13, avenue de Président Salvador Allende, F–94117 Arcueil Cedex (FR).

(74) **BEYLOT, Jacques**; Thomson–CSF Propriété Intellectuelle, Dépt. Brevets, 13, avenue du Président Salvador Allende, F–94117 Arcueil Cedex (FR).

(81) CA US; 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 3/74, 3/14**

(11) **WO 00/19230** (13) A1

(21) PCT/US99/22515

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/163,230 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DIRECTION FINDING APPARATUS
• APPAREIL DE RADIOGONIOMETRIE

(71) **RAYTHEON COMPANY** [US/US]; 141 Spring Street, Lexington, MA 02173 (US).

(72) **KESLER, Oren, B.**; 3305 Dibrell Drive, Plano, TX 75023 (US).

(74) **MILLS, Jerry, W.**; Baker & Botts, L.L.P., 2001 Ross Avenue, Dallas, TX 75201–2980 (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) 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 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 UZ VN YU ZA ZW; 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] **G01S 5/14, 5/00**

(11) **WO 00/19231** (13) A1

(21) PCT/IB99/01671

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/163,221 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • GPS LOCATION FOR MOBILE PHONES USING THE INTERNET
• POSITIONNEMENT GPS POUR TELEPHONES MOBILES UTILISANT L'INTERNET

(71) **NOKIA MOBILE PHONES LIMITED** [FI/FI]; Keilalahdentie 4, FIN–02150 Espoo (FI).

(72) **TWITCHELL, Robert**; 12394 Darkwood Road, San Diego, CA 92129 (US). **TAYLOR, Andrew**; 8838 Pipestone Way, San Diego, CA 92129 (US).

(74) **HAWS, Helen** et al. / etc.; Nokia IPR Department, Nokia House, Summit Avenue, Farnborough, Hampshire GU14 0NG (GB).

(81) AE 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 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; 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)[6] **G01S 7/06, 7/295**

(11) **WO 00/19232** (13) A1

(21) PCT/EP99/01475

(22) **8 Mar/mar 1999 (08.03.1999)**

(25) de (26) de

(30) 198 44 620.9 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND DEVICE FOR PRODUCING A PULSE TRAIL
• PROCEDE ET DISPOSITIF PERMETTANT DE PRODUIRE UNE TRAINEE D'IMPULSION

(71) **STN ATLAS MARINE ELECTRONICS GMBH** [DE/DE]; Behringstrasse 120, D–22763 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRERICHS, Wilfried** [DE/DE]; Stromer Landstrasse 38 G, D–28197 Bremen (DE). **STÖCKIGT, Peter** [DE/DE]; Geschwister–Scholl–Strasse 45, D–28844 Weyhe–Leeste (DE).

(81) JP US; 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 7/24**

(11) **WO 00/19233** (13) A1

(21) PCT/EP99/04912

(22) **13 Jul/juil 1999 (13.07.1999)**

(25) de (26) de

(30) 198 44 620.9 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • RADAR DEVICE
• APPAREIL RADAR

(71) **STN ATLAS MARINE ELECTRONICS GMBH** [DE/DE]; Behringstrasse 120, D–22763 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRERICHS, Wilfried** [DE/DE]; Stromer Landstrasse 38 G, D–28197 Bremen (DE). **STÖCKIGT, Peter** [DE/DE]; Geschwister–Scholl–Strasse 45, D–28844 Weyhe–Leeste (DE).

(81) JP NO US; 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 7/52**

(11) **WO 00/19234** (13) A1

(21) PCT/IB99/01838

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/162,057 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ULTRASOUND IMAGING WITH ZOOM HAVING INDEPENDENT PROCESSING CHANNELS
• IMAGERIE ULTRASONIQUE AVEC AGRANDISSEMENT PAR VOIES DE TRAITEMENTS INDEPENDANTES

(71) **BOSTON SCIENTIFIC LIMITED** [IE/BB]; Financial Services Centre, Bishop's Court Hill, P.O. Box 111, Saint Michael (BB).

(72) **GRUNWALD, Sorin**; 1877 Scott Boulevard #301, Santa Clara, CA 95050 (US).

(74) **VIERING, JENTSCHURA & PARTNER**; Steinsdorfstrasse 6, D–80538 München (DE).

(81) CA JP; 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 13/02, 13/22, G08B 13/14**

(11) **WO 00/19235** (13) A1

(21) PCT/GB99/03213

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 9821046.1 **28 Sep/sep 1998** GB **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • RFID DETECTION SYSTEM
• SYSTEME DE DETECTION D'ETIQUETTES RFID

(71) **THE TECHNOLOGY PARTNERSHIP PLC.** [GB/GB]; Melbourn Science Park, Cambridge Road, Melbourn, Royston, Hertfordshire SG8 6EE (GB).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **WHITESMITH, Howard, William** [GB/GB]; 111 Station Road, Willingham, Cambridgeshire CB4 5HG (GB).

(72, 75) **PALMER, Timothy, John** [GB/GB]; Redrow Cottage, 137 The Butts, Soham, Ely, Cambridgeshire CB7 5AW (GB). **BALL, Alan, Edward** [GB/GB]; 14 Cattells Lane, Waterbeach, Cambridgeshire CB4 5HG (GB).

(74) **GILL JENNINGS & EVERY**; Broadgate House, 7 Eldon Street, London EC2M 7LH (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 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; 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] **G01S 13/56, 13/86, G08B 13/24**

(11) **WO 00/19236** (13) A1

(21) PCT/GB99/03254

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 9821191.5 **30 Sep/sep 1998** GB **(30.09.1998)**

(30) 9827610.8 **15 Dec/déc 1998** GB **(15.12.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • OBJECT IDENTIFICATION APPARATUS
• APPAREIL D'IDENTIFICATION D'OBJET

(71) **ARKONIA SYSTEMS LIMITED** [GB/GB]; Signal House, 35 Woolmer Way, Bordon, Hampshire GU35 9QE (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ROBINSON, Leonard** [GB/GB]; 44 Bacon Lane, Hayling Island, Hampshire PO11 0DW (GB).

(74) **GILL, David, Alan**; W.P. Thompson & Co., Celcon House, 289–293 High Holborn, London WC1V 7HU (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 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; 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] **G01S 13/82, H04J 13/00, G08G 1/16**

(11) **WO 00/19237** (13) A1

(21) PCT/GB99/02987

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) en (26) en

(30) 9821021.4 **29 Sep/sep 1998** GB **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROXIMITY MEASURING APPARATUS
• DISPOSITIF DE MESURE DE PROXIMITE

(71) **THE SECRETARY OF STATE FOR DEFENCE** [GB/GB]; Defence Evaluation and Research Agency, Ively Road, Farnborough, Hampshire GU14 0XL (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DEADMAN, Harry, Alexander** [GB/GB]; Defence Evaluation & Research Agency, St. Andrews Road, Malvern, Worcestershire WR14 3PS (GB).

(74) **BOWDERY, A., O.**; D/IPR, Formalities Section (DERA), Poplar 2, MOD (DPA) Abbey Wood #19, Bristol BS34 8JH (GB).

(81) CZ GB JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G01T 1/20**

(11) **WO 00/19238** (13) A1

(21) PCT/US99/21765

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 09/159,177 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MINI GAMMA CAMERA, CAMERA SYSTEM AND METHOD OF USE
• MINI GAMMA–CAMERA, SYSTEME DE CAMERA ET MODE D'UTILISATION

(71) **SOUTHEASTERN UNIVERSITIES RESEARCH ASSOCIATION, INC.** [US/US]; 12000 Jefferson Avenue, Newport News, VA 23606 (US).

(72) **MAJEWSKI, Stanislaw**; 129 Winders Lane, Graftan, VA 23692 (US). **WEISENBERGER, Andrew, G.**; 123 Brandywine Drive, Graftan, VA 23692 (US). **WOJCIK, Randolph, F.**; 317 Blacksmith Arch, Yorktown, VA 23693 (US).

(74) **JACKSON, Auzville, Jr.**; 8652 Rio Grande Road, Richmond, VA 23229 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU IL IS JP KP KR LC LK LR LT LV MG MK MX NO NZ PL RO SG SI SK SL TR TT UA UZ VN YU; 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] **G01V**

(11) **WO 00/19239** (13) A2

(21) PCT/US99/22416

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/161,740 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND APPARATUS FOR AUTOMATIC VEHICLE EVENT DETECTION, CHARACTERIZATION AND REPORTING
• PROCEDE ET APPAREIL DE DETECTION, DE CARACTERISATION ET D'ANNONCE AUTOMATIQUES D'EVENEMENT LIE A UN VEHICULE

(71) **VERIDIAN ENGINEERING, INC.** [–/US]; Suite 1200, 2001 North Beauregard Street, Alexandria, VA 22311 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DONNELLY, Bruce, R.** [US/US]; 73 Berryman Drive, Amherst, NY 14226 (US). **SCHABEL, David, G.** [US/US]; 90 Cardy Lane, Depew, NY 14043–1925 (US).

(74) **HUANG, Stuart, T., F.** et al. / etc.; Steptoe & Johnson, LLP, 1330 Connecticut Avenue, N.W., Washington, DC 20036 (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; 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] **G01V 1/30**

(11) **WO 00/19240** (13) A2

(21) PCT/IB99/01264

(22) **19 May/mai 1999 (19.05.1999)**

(25) en (26) en

(30) 09/162,227 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AMPLITUDE VARIATION AS A FUNCTION OF OFFSET ATTRIBUTE AND ROCK PROPERTY CONTRAST ANALYSIS FOR SEISMIC SURVEY DATA
• ATTRIBUT DE VARIATION D'AMPLITUDE FONDE SUR LE DECALAGE ET ANALYSE DE CONTRASTE DE LA PROPRIETE DES ROCHES POUR DES DONNEES DE RELEVE SISMIQUE

(71) **PGS SERES AS** [NO/NO]; Strandveien 4, P.O. Box 354, N–1324 Lysaker (NO).

(72) **KELLY, Michael**; P.O. Box 13, Dayton, MT 59914 (US).

(74) **ABC–PATENT**; Siviling Rolf Chr. B. Larsen a.s., Brynsveien 5, N–0667 Oslo (NO).

(81) AL AM AT AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **G01V 1/36, 1/38**

(11) **WO 00/19241** (13) A1

(21) PCT/US99/19288

(22) **23 Aug/août 1999 (23.08.1999)**

(25) en (26) en

(30) 09/162,053 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND SYSTEM FOR PROCESSING SEISMIC SIGNALS INCLUDING A SINGLE TYPE OF WAVEFIELD EXTRACTION

• PROCEDE ET SYSTEME DE TRAITEMENT DE SIGNAUX SISMIQUES A TYPE UNIQUE D'EXTRACTION EN CHAMP D'ONDE

(71) **PGS TENSOR, INC.** [US/US]; Suite 300, 10550 Richmond Avenue, Houston, TX 77042 (US).

(72) **GIDLOW, Maurice**; Asterudsletta 34, N–1344 Haslum (NO).

(74) **ARNOLD, Gordon, T.**; Arnold & Associates, Suite 800, 2603 Augusta, Houston, TX 77057 (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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **G01V 1/52**

(11) **WO 00/19242** (13) A2

(21) PCT/US99/21982

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 09/161,052 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TRANSDUCER AND MOUNTING FOR TRANSDUCER IN AN ACOUSTIC LOGGING APPARATUS
• TRANSDUCTEUR ET MONTAGE DE CELUI–CI DANS UN APPAREIL DE DIAGRAPHIE ACOUSTIQUE

(71) **DRESSER INDUSTRIES, INC.** [US/US]; 2001 Ross Avenue, Dallas, TX 75201 (US).

(72) **WISNIEWSKI, Laurence, T.**; 5314 Spartan Drive, Houston, TX 77041 (US). **ARIAN, Abbas**; 11927 Wink Road, Houston, TX 77024 (US). **VARSAMIS, Georgios, L.**; 1430 Forest Home Drive, Houston, TX 77077 (US).

(74) **SPEIGHT, Howard, L.**; Two Memorial City Plaza, Suite 1360, 820 Gessner, Houston, TX 77024 (US).

(81) NO; 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] **G01V 3/08, G01H 11/08**

(11) **WO 00/19243** (13) A1

(21) PCT/US99/22544

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,479 **30 Sep/sep 1998 (30.09.1998)** US

(30) 60/102,478 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ULTRASOUND PROBES IMPLEMENTING WAVEGUIDE SHIELDING AND ACTIVE COMPENSATION OF NOISE
• SONDES ULTRASONORES PROTEGEES DU BRUIT PAR UN GUIDE D'ONDES ET PAR UN ELEMENT CONDUCTEUR ASSURANT LA COMPENSATION ACTIVE

(63) US 60/102,479 (CON) 30 Sep/sep 1998 (30.09.1998)

(71) **THE GOVERNMENT OF THE UNITED STATES OF AMERICA as represented by THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES** [US/US]; Office of Technology Transfer, National Institutes of Health, Suite 325, 6011 Executive Boulevard, Rockville, MD 20852 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEN, Han** [CN/US]; Apartment 301, 437 West Side Drive, Gaithersburg, MD 20878 (US). **WIESLER, David, G.** [US/US]; 4420 Rosedale Avenue, Bethesda, MD 20814 (US). **BALABAN, Robert, S.** [US/US]; 7303 Nevis Road, Bethesda, MD 20817 (US).

(74) **FEILER, William, S.** et al. / etc.; Morgan & Finnegan, L.L.P., 345 Park Avenue, New York, NY 10154 (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 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; 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 : *(c)*

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(51)[7] **G01V 3/08, A61B 8/08**

(11) **WO 00/19244** (13) A1

(21) PCT/US99/22792

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,478 **30 Sep/sep 1998 (30.09.1998)** US

(30) 60/102,479 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ULTRASOUND ARRAY AND ELECTRODE ARRAY FOR HALL EFFECT IMAGING
• ENSEMBLE A ULTRASONS ET BATTERIE D'ELECTRODES POUR IMAGERIE A EFFET HALL

(63) US 60/102,478 (CIP) 30 Sep/sep 1998 (30.09.1998)

(71) **THE GOVERNMENT OF THE UNITED STATES OF AMERICA represented by THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES** [US/US]; National Institutes of Health Office of Technology Transfer Suite 325 6011 Executive Boulevard, Rockville, MD 20852 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEN, Han** [CN/US]; Apartment 301, 437 West Drive, Gaithersburg, MD 20878 (US). **BALABAN, Robert, S.** [US/US]; 7307 Nevis Road, Bethesda, MD 20817 (US).

(74) **FEILER, William, S.** et al. / etc.; Morgan & Finnegan, L.L.P., 345 Park Avenue, New York, NY 10154 (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 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; 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 : *(c)*

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(51)[7] **G01V 3/15, G01S 5/14**

(11) **WO 00/19245** (13) A1

(21) PCT/SE99/01579

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) sv (26) en

(30) 9803288–1 **29 Sep/sep 1998 (29.09.1998)** SE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AUTOMATIC MINE DETECTION DEVICE
• DISPOSITIF DE DETECTION AUTOMATIQUE DE MINES

(71) **SAAB AB (publ)** [SE/SE]; S–581 88 Linköping (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SKARMAN, Erik** [SE/SE]; Morotsvägen 5, S–582 75 Linköping (SE). **NORDLING, Per** [SE/SE]; Stockmakargatan 14, S–853 56 Sundsvall (SE).

(74) **LUNDMARK, Jan–Erik**; Saab AB, Patent Dept., S–581 88 Linköping (SE).

(81) AE AL BA BG BR CA CN CZ GE HR HU ID IL IN JP KP KR LK LR MK MN MW RO RU SE SI SK TR US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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 : *(c)*

(51)[7] **G02B**

(11) **WO 00/19246** (13) A2

(21) PCT/US99/21484

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) 98/12139 **29 Sep/sep 1998** FR **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PREPARATION OF ORGANIC PIECES OF OPTICAL QUALITY AND ESPECIALLY ORGANIC LENSES
• PREPARATION DE PIECES ORGANIQUES DE QUALITE OPTIQUE, EN PARTICULIER DES LENTILLES ORGANIQUES

(71) **CORNING S.A.** [US/US]; 44, avenue de Valvins, Boîte postale No. 61, F–77211 Avon Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HENRY, David** [FR/FR]; 2, rue de la Grange des Noyers, F–91150 Morigny–Champigny (FR). **VACHET, Andre** [FR/FR]; 3, rue des Genevriers, F–77690 La Genevraye (FR).

(74) **NWANERI, Angela, N.**; Corning Incorporated, Patent Dept., SP TI 3–1, Corning, NY 14831 (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 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; 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] **G02B 1/00**

(11) **WO 00/19247** (13) A2

(21) PCT/US99/21259

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 09/160,264 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MULTILAYER OPTICAL ELEMENT
• ELEMENT OPTIQUE MULTICOUCHE

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

(72) **SPILLER, Eberhard, A.**; 60 Lakeside Road, Mt. Kisco, NY 10549 (US). **MIRKARIMI, Paul, B.**; 2155 Kilkare Road, Sunol, CA 94586 (US). **MONTCALM, Claude**; 4663 Gerrilyn Way #241, Livermore, CA 94550 (US). **BAJT, Sasa**; 2417 Kilkare Road, Sunol, CA 94586 (US). **FOLTA, James, A.**; 2262 Hampton Road, Livermore, CA 94550 (US).

(74) **PALMER, John** et al. / etc.; Ladas & Parry, Suite 2100, 5670 Wilshire Boulevard, Los Angeles, CA 90036–5679 (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 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; 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)[6] **G02B 3/04**

(11) **WO 00/19248** (13) A1

(21) PCT/US99/22254

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/162,455 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MICRO–OPTIC LENS WITH INTERGRAL ALIGNMENT MEMBER
• LENTILLE MICRO–OPTIQUE AVEC ELEMENT D'ALIGNEMENT INCORPORE

(71) **BLUE SKY RESEARCH** [US/US]; 3047 Orchard Parkway, San Jose, CA 95134–2024 (US).

(72) **KWIATKOWSKI, Stephen, L.**; 1668 Qauil Avenue, Sunnyvale, CA 94087 (US).

(74) **FLORES, Victor**; LaRiviere, Grubman & Payne, LLP, P.O. Box 3140, Monterey, CA 93942 (US).

(81) JP SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G02B 5/20, 6/43**

(11) **WO 00/19249** (13) A1

(21) PCT/AU99/00819

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) PP 6171 **25 Sep/sep 1998** AU **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HIGH–Q OPTICAL MICROWAVE PROCESSOR USING HYBRID DELAY–LINE FILTERS
• PROCESSEUR A HYPERFREQUENCES OPTIQUE A FACTEUR Q ELEVE UTILISANT DES FILTRES HYBRIDES A LIGNE A RETARD

(71) **THE UNIVERSITY OF SYDNEY** [AU/AU]; Parramatta Road, Sydney, NSW 2006 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MINASIAN, Robert** [AU/AU]; 28 Sydney Road, Lindfield, NSW 2070 (AU). **YOU, Ningsi** [CN/CN]; 8/9 Flack Avenue, Hillsdale, NSW 2036 (AU).

(74) **GRIFFITH HACK**; GPO Box 4164, Sydney, NSW 2001 (AU).

(81) AU CA JP KR US; 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] **G02B 5/20**

(11) **WO 00/19250** (13) A1

(21) PCT/GB99/03003

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 9820864.8 **25 Sep/sep 1998** GB **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • COLOUR FILTER AND DISPLAY INCORPORATING SAME
• FILTRE COULEUR ET DISPOSITIF D'AFFICHAGE INTEGRANT CE FILTRE

(71) **MICROGRIN LIMITED** [GB/GB]; Jeffries House, 3rd floor, Guildford, Surrey GU1 4AT (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PHILLIPS, Nicholas, John** [GB/GB]; 85 Byron Street, Loughborough, Leicestershire LE11 0JN (GB).

(74) **HOWDEN, Christopher, A.**; Forrester Ketley & Co., Forrester House, 52 Bounds Green Road, London N11 2EY (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN 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; 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)[6] **G02B 5/20, 5/30, G02F 1/01**

(11) **WO 00/19251** (13) A1

(21) PCT/SE99/01327

(22) **30 Jul/juil 1999 (30.07.1999)**

(25) sv (26) en

(30) 9803323–6 **30 Sep/sep 1998** SE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A COLOUR FILTER DEVICE
• DISPOSITIF A FILTRE COLORE

(71, 72) **MAGNUSSON, Richard, Ryan** [SE/SE]; Spinnarevägen 42, S–194 53 Upplands Väsby (SE).

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

(81) 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 EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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 5/20, 5/22, G02F 1/1335**

(11) **WO 00/19252** (13) A1

(21) PCT/US99/19576

(22) **26 Aug/août 1999 (26.08.1999)**

(25) en (26) en

(30) 09/164,202 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LIQUID CRYSTAL COLOR FILTER WITH INTEGRATED INFRARED BLOCKING
• FILTRE COLORE A CRISTAUX LIQUIDES AVEC DISPOSITIF INTEGRE D'ARRET DES INFRAROUGES

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) **BAWOLEK, Edward**; 2200 W. Sagebrush Court, Chandler, AZ 85224 (US). **STARR, Gregory**; 1614 W. Huntington Drive, Tempe, AZ 85282 (US). **LI, Zong–Fu**; 1326 W. Straford Avenue, Gilbert, AZ 85233 (US).

(74) **TROP, Timothy**; Trop, Pruner, Hu & Miles, P.C., Suite 100, 8554 Katy Freeway, Houston, TX 77024 (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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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)[6] **G02B 6/10, 6/32, 6/42**

(11) **WO 00/19253** (13) A1

(21) PCT/JP99/05256

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) ja (26) ja

(30) 10/291525 **29 Sep/sep 1998 (29.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • OPTICAL FIBER
• FIBRE OPTIQUE

(71) **THE FURUKAWA ELECTRIC CO., LTD.** [JP/JP]; 6–1, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8322 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IRIE, Yuichiro** [JP/JP]; The Furukawa Electric Co., Ltd., 6–1, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8322 (JP). **SHIMIZU, Takeo** [JP/JP]; The Furukawa Electric Co., Ltd., 6–1, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8322 (JP). **OZAWA, Shoichi** [JP/JP]; The Furukawa Electric Co., Ltd., 6–1, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8322 (JP).

(74) **IGARASHI, Kiyoshi**; Room 908 Yokohamahigashiguchi Building, 10–13, Takashima 2–chome, Nishi–ku, Yokohama–shi, Kanagawa 220–0011 (JP).

(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G02B 6/12, 6/293**

(11) **WO 00/19254** (13) A1

(21) PCT/JP99/05140

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) ja (26) ja

(30) 10/288884 **25 Sep/sep 1998 (25.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • OPTICAL WAVELENGTH MULTIPLEXER/DEMULTIPLEXER
• MULTIPLEXEUR/DEMULTIPLEXEUR DE LONGUEURS D'ONDES OPTIQUES

(71) **THE FURUKAWA ELECTRIC CO., LTD.** [JP/JP]; 6–1, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8322 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HASHIZUME, Naoki** [JP/JP]; The Furukawa Electric Co., Ltd., 6–1, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8322 (JP). **KOSHI, Hiroyuki** [JP/JP]; The Furukawa Electric Co., Ltd., 6–1, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8322 (JP). **NAKAJIMA, Takeshi** [JP/JP]; The Furukawa Electric Co., Ltd., 6–1, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8322 (JP). **TANAKA, Kanji** [JP/JP]; The Furukawa Electric Co., Ltd., 6–1, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8322 (JP).

(74) **IGARASHI, Kiyoshi**; Yokohamahigashiguchi Building Room 908, 10–13, Takashima 2–chome, Nishi–ku, Yokohama–shi, Kanagawa 220–0011 (JP).

(81) CA US; 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] **G02B 6/22, 6/16, C03B 37/012**

(11) **WO 00/19255** (13) A2

(21) PCT/US99/20057

(22) **31 Aug/août 1999 (31.08.1999)**

(25) en (26) en

(30) 60/099,979 **11 Sep/sep 1998 (11.09.1998)** US

(30) 60/103,080 **5 Oct/oct 1998 (05.10.1998)** US

(30) 60/130,652 **23 Apr/avr 1999 (23.04.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • POSITIVE DISPERSION LOW DISPERSION SLOPE FIBER
• FIBRE A FAIBLE PENTE DE DISPERSION A DISPERSION POSITIVE

(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) **MA, Daiping** [US/US]; 368 Friendly Lane, Wilmington, NC 28409 (US). **SMITH, David, K.** [US/US]; 905 Wild Dunes Circle, Wilmington, NC 28405 (US).

(74) **CHERVENAK, William, J.**; Corning Incorporated, Patent Dept., SP TI 3–1, Corning, NY 14831 (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 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; 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] **G02B 6/26, 6/38**

(11) **WO 00/19256** (13) A1

(21) PCT/US99/21828

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) en (26) en

(30) 60/101,888 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AN OPTICAL FIBER HAVING AN EXPANDED MODE FIELD DIAMETER AND METHOD OF EXPANDING THE MODE FIELD DIAMETER OF AN OPTICAL FIBER
• FIBRE OPTIQUE AYANT UN DIAMETRE DE CHAMP DE MODE DILATE ET PROCEDE DE DILATATION DU DIAMETRE DE CHAMP DE MODE D'UNE FIBRE OPTIQUE

(71) **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).

(72) **WU, Qi**; 28 Tall Meadow, Painted Post, NY 14870 (US).

(74) **SMITH, Eric, M.**; Corning Incorporated, Patent Dept., SP TI 3–1, Corning, NY 14831 (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; 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] **G02B 6/44**

(11) **WO 00/19257** (13) A1

(21) PCT/DE99/02764

(22) **1 Sep/sep 1999 (01.09.1999)**

(25) de (26) de

(30) 198 44 733.7 **29 Sep/sep 1998 (29.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ISOLATOR FOR PASSING AN OPTICAL CABLE HELD ON A PHASE LINE OF A HIGH TENSION AERIAL LINE
• ISOLATEUR PERMETTANT DE FAIRE PASSER UN CABLE A FIBRES OPTIQUES RETENU SUR UN CABLE DE PHASE D'UNE LIGNE AERIENNE HAUTE TENSION

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HÖFNER, Roland** [DE/DE]; Breiter Baum 23, D–96328 Küps (DE). **KREUTZ, Dieter** [DE/DE]; Geschwister–Scholl–Str. 15, D–82031 Grünwald (DE). **MAYR, Ernst** [DE/DE]; Starnberger Wiese 38, D–82319 Starnberg (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[7] **G02B 6/44**

(11) **WO 00/19258** (13) A1

(21) PCT/GB99/02140

(22) **5 Jul/juil 1999 (05.07.1999)**

(25) en (26) en

(30) 9821092.5 **30 Sep/sep 1998 (30.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD OF INSTALLING OPTICAL FIBRE CABLE IN A DUCT
• PROCEDE D'INSTALLATION D'UN CABLE A FIBRES OPTIQUES DANS UN CONDUIT

(71) **MAINETTI TECHNOLOGY LIMITED** [GB/GB]; Haughhead, Hawick TD9 8LF (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BROWN, George, Henry, Platt** [GB/GB]; Braeholm, Windyknowe Road, Galashiels TD1 1RQ (GB).

(74) **VINSOME, Rex, Martin**; Urquhart–Dykes & Lord, St Nicholas Chambers, Amen Corner, Newcastle upon Tyne NE1 1PE (GB).

(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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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 7/192, 7/00, C23C 16/44, H01L 21/00**

(11) **WO 00/19259** (13) A1

(21) PCT/US99/18576

(22) **16 Aug/août 1999 (16.08.1999)**

(25) en (26) en

(30) 09/164,413 **30 Sep/sep 1998 (30.09.1998)** US

(30) 09/164,414 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SURFACE FIGURE CONTROL FOR COATED OPTICS
• GESTION DE LA COURBURE DE SURFACE POUR OPTIQUE TRAITEE

(63) US 09/164,414 (CIP)
30 Sep/sep 1998 (30.09.1998)

(71) **EUV LIMITED LIABILITY CORPORATION** [US/US]; MS SC1–02, 220 Mission College Boulevard, Santa Clara, CA 95052 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAY–CHAUDHURI, Avijit, K.** [US/US]; 1128 Riviera Court, Livermore, CA 94550 (US). **SPENCE, Paul, A.** [US/US]; 4536 Mirador Drive, Pleasanton, CA 94566 (US). **KANOUFF, Michael, P.** [US/US]; 1637 Radcliffe Road, Livermore, CA 94550 (US).

(74) **JEW, Charles, H.**; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313–1404 (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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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 7/192, 7/00, C23C 16/44, H01L 21/00**

(11) **WO 00/19260** (13) A1

(21) PCT/US99/21670

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) en (26) en

(30) 09/164,414 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PEDESTAL SUBSTRATE FOR OPTICAL COATINGS
• SUBSTRAT SUPPORT POUR REVETEMENTS OPTIQUES

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 12th floor, 1111 Franklin Street, Oakland, CA 94607–5200 (US).

(72) **HALE, Layton, C.**; 26 Trinity Circle, Livermore, CA 94550 (US). **MALSBURY, Terry, N.**; 1475 Monterey Court, Tracy, CA 95376 (US). **PATTERSON, Steven, R.**; 1179 Asheford Green Avenue, Concord, NC 28027 (US).

(74) **GALLENSON, Mavis, S.** et al. / etc.; Ladas & Parry, Suite 2100, 5670 Wilshire Boulevard, Los Angeles, CA 90036–5679 (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 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; 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)[6] **G02B 7/28, G03F 7/027**

(11) **WO 00/19261** (13) A1

(21) PCT/JP99/05104

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) ja (26) ja

(30) 10/271270 **25 Sep/sep 1998 (25.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IMAGE FORMATION POSITION ADJUSTING DEVICE, EXPOSURE SYSTEM, IMAGE FORMATION ADJUSTING METHOD AND EXPOSURE METHOD
• DISPOSITIF DE REGLAGE DE POSITION DE FORMATION D'IMAGES, SYSTEME D'EXPOSITION, PROCEDE DE REGLAGE DE FORMATION D'IMAGES ET PROCEDE D'EXPOSITION

(71) **NIKON CORPORATION** [JP/JP]; 2–3, Marunouchi 3–chome, Chiyoda–ku, Tokyo 100–0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHIRASU, Hiroshi** [JP/JP]; Nikon Corporation, Intellectual Property Headquarters, 2–3, Marunouchi, 3–chome, Chiyoda–ku, Tokyo 100–0005 (JP).

(74) **MAEDA, Hitoshi** et al. / etc.; Maeda & Nishide, 2F Kiriyama Building, 1–1, Sarugaku–cho 2–chome, Chiyoda–ku, Tokyo 101–0064 (JP).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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; 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 21/26, 21/16**

(11) **WO 00/19262** (13) A2

(21) PCT/US99/19086

(22) **23 Aug/août 1999 (23.08.1999)**

(25) en (26) en

(30) 60/102,434 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HIGH THROUGHPUT MICROSCOPY
• MICROSCOPIE A HAUTE CAPACITE

(71) **TRELLIS BIOINFORMATICS, INC.** [US/US]; 1489 Webster Street, 521, San Francisco, CA 94115 (US).

(72) **KAUVAR, Lawrence, M.**; 1489 Webster Street, 521, San Francisco, CA 94115 (US). **SEDAT, John**; San Francisco, CA 94127 (US).

(74) **MURASHIGE, Kate, H.** et al. / etc.; Morrison & Foerster LLP, 2000 Pennsylvania Avenue, N.W., Washington, DC 20006–1888 (US).

(81) AU CA IL JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G02B 27/02, G02C 7/02, 7/08**

(11) **WO 00/19263** (13) A1

(21) PCT/AU99/00826

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) PP 6180 **28 Sep/sep 1998** AU **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • APPARATUS AND METHOD FOR AVOIDING OCULAR MUSCULAR FATIGUE
• DISPOSITIF PERMETTANT D'EVITER LA FATIGUE DES MUSCLES OCULAIRES ET METHODE AFFERENTE

(71) **POSITIVE PLAN PTY LTD.** [AU/AU]; 57 Gedye Street, East Doncaster, VIC 3109 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEE, Henri, Kwok–Wai** [AU/AU]; Unit 4, 21 Brougham Street, Box Hill, VIC 3128 (AU).

(74) **GRIFFITH HACK**; Patent & Trade Mark Attorneys, 509 St Kilda Road, Melbourne, VIC 3004 (AU).

(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 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; 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)[6] **G02B 27/10**

(11) **WO 00/19264** (13) A1

(21) PCT/US98/20249

(22) **28 Sep/sep 1998 (28.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SCANNING HEAD LENS ASSEMBLY
• ENSEMBLE TETE DE BALAYAGE DOTE DE LENTILLES

(71) **T SQUARED G INCORPORATED** [US/US]; 2469 South Newberry Court, Denver, CO 80224 (US).

(72) **ROPE, Ronald, E.**; 2469 South Newberry Court, Denver, CO 80224 (US). **PULLAM, Martin, L.**; 5263 S. Newton Street, Littleton, CO 80123 (US).

(74) **ZOLTICK, Martin, M.** et al. / etc.; Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C., 12021 Sunset Hills Road, Reston, VA 20190 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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 27/22, H04N 13/00, G06T 15/00**

(11) **WO 00/19265** (13) A1

(21) PCT/DE99/01989

(22) **1 Jul/juil 1999 (01.07.1999)**

(25) de (26) de

(30) 198 45 114.8 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ARRANGEMENT AND METHOD FOR STEREOSCOPIC REPRESENTATION OF AN OBJECT
• DISPOSITIF ET PROCEDE DE REPRESENTATION STEREOSCOPIQUE D'UN OBJET

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RIEGEL, Thomas** [DE/DE]; Therese–Giehse–Allee 85, D–81739 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

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

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(51)[6] **G02F 1/1335**

(11) **WO 00/19266** (13) A1

(21) PCT/JP98/04298

(22) **25 Sep/sep 1998 (25.09.1998)**

(25) ja (26) ja

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LIQUID CRYSTAL DISPLAY
• AFFICHEUR A CRISTAUX LIQUIDES

(71) **CITIZEN WATCH CO., LTD.** [JP/JP]; 1–1, Nishi–Shinjuku 2–chome, Shinjuku–ku, Tokyo 163–0428 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SEKIGUCHI, Kanetaka** [JP/JP]; Citizen Watch Co., Ltd., Technical Laboratory, 840, Aza–Takeno, Oaza–Shimotomi, Tokorozawa–shi, Saitama 359–8511 (JP).

(74) **OSAWA, Takashi**; Room 818, Ikebukuro White House Building, 20–2, Higashi Ikebukuro 1–chome, Toshima–ku, Tokyo 170–0013 (JP).

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

(51)[7] **G02F 1/1335**

(11) **WO 00/19267** (13) A1

(21) PCT/JP99/05245

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) ja (26) ja

(30) 10/276076 **29 Sep/sep 1998 (29.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • REFLECTION LIQUID CRYSTAL DISPLAY
• AFFICHAGES A CRISTAUX LIQUIDES REFLECHISSANTS

(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) **HATANAKA, Takayuki** [JP/JP]; 122–1–223, Onuka 3–chome, Kanazawa–shi, Isikawa 921–8147 (JP). **FUJITA, Shingo** [JP/JP]; 1–328–403, Oshino, Nonoichi–machi, Ishikawa–gun, Isikawa 921–8802 (JP). **OGAWA, Tetsu** [JP/JP]; 18–8, Yayoi–2chome, Kanazawa–shi, Isikawa 921–8036 (JP).

(74) **IWAHASHI, Fumio** et al. / etc.; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma–shi, Osaka 571–8501 (JP).

(81) CN JP KR US; 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] **G02F 1/35**

(11) **WO 00/19268** (13) A1

(21) PCT/JP99/05276

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) ja (26) ja

(30) 10/275604 **29 Sep/sep 1998 (29.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • VARIABLE WAVELENGTH SHORT PULSE LIGHT GENERATING DEVICE AND METHOD
• GENERATEUR DE LUMIERE A IMPULSIONS BREVES A LONGUEUR D'ONDE VARIABLE

(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) **GOTO, Toshio** [JP/JP]; 3–2110, Goshokuen, Nisshin–shi, Aichi 470–0105 (JP). **NISHIZAWA, Norihiko** [JP/JP]; Shiratori–jutaku 5–34, 4–43, Taiho 2–chome, Atsuta–ku, Nagoya–shi, Aichi 456–0062 (JP).

(74) **SHIMIZU, Mamoru**; Ohzono Building, 7–10, Kanda–mitoshiro–cho, Chiyoda–ku, Tokyo 101–0053 (JP).

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

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(51)[6] **G03B 21/14, 21/00**

(11) **WO 00/19269** (13) A1

(21) PCT/US99/11090

(22) **19 May/mai 1999 (19.05.1999)**

(25) en (26) en

(30) 09/162,700 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • OPTICAL DOCKING STATION
• STATION D'ACCUEIL OPTIQUE

(71) **THREE–FIVE SYSTEMS, INC.** [US/US]; 1600 North Desert Drive, Tempe, AZ 85281–1230 (US).

(72) **BUCHANAN, David, R.**; Three–Five Systems, Inc., 1600 North Desert Drive, Tempe, AZ 85281–1230 (US). **SCHOTT, Dan, J.**; Three–Five Systems, Inc., 1600 North Desert Drive, Tempe, AZ 85281–1230 (US). **MILLIKAN, Bart, D.**; Three–Five Systems, Inc., 1600 North Desert Drive, Tempe, AZ 85281–1230 (US).

(74) **TITUS, John, D.**; Bryan Cave, LLP, 2 N. Central Avenue, #2200, Phoenix, AZ 85004–4406 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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)[6] **G03B 27/72, G03C 5/00**

(11) **WO 00/19270** (13) A1

(21) PCT/US99/22583

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/163,049 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR FORMING A CRITICAL DIMENSION TEST STRUCTURE AND ITS USE
• TECHNIQUE DE FORMATION D'UN REPERE D'ESSAI A DIMENSION CRITIQUE ET SON UTILISATION

(71) **NIKON PRECISION INC.** [US/US]; 1399 Shoreway Road, Belmont, CA 94002 (US). **NIKON CORPORATION** [JP/JP]; 2–3, Marunouchi 3–chome, Chiyoda–ku, Tokyo (JP).

(72) **GRODNENSKY, Ilya**; 842 Andromeda Lane, Foster City, CA 94404 (US). **SUWA, Kyoichi**; 2–3, Marunouchi 3–chome, Chiyoda–ku, Tokyo (JP). **USHIDA, Kazuo**; 2–3, Marunouchi 3–chome, Chiyoda–ku, Tokyo (JP). **JOHNSON, Eric, R.**; 12 W. Central Avenue, Los Gatos, CA 95030 (US).

(74) **CHUN, Debra, A.**; Nikon Research Corporation of America, 1399 Shoreway Road, Belmont, CA 94002 (US).

(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 RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G03F 1/14, 1/08, H01L 21/027**

(11) **WO 00/19271** (13) A1

(21) PCT/JP99/03484

(22) **29 Jun/juin 1999 (29.06.1999)**

(25) ja (26) ja

(30) 10/277274 **30 Sep/sep 1998 (30.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PHOTOMASK AND EXPOSURE METHOD
• PHOTOMASQUE ET PROCEDE D'EXPOSITION

(71) **NIKON CORPORATION** [JP/JP]; Fuji Bldg., 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) **SHIRAISHI, Naomasa** [JP/JP]; Nikon Corporation, Intellectual Property Headquarters, Fuji Bldg., 2–3, Marunouchi 3–chome, Chiyoda–ku, Tokyo 100–8331 (JP).

(74) **OMORI, Satoshi**; Omori Patent Office, 2075–2–501, Noborito, Tama–ku, Kawasaki–shi, Kanagawa 214–0014 (JP).

(81) AE 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **G03F 1/14, 7/20**

(11) **WO 00/19272** (13) A1

(21) PCT/US99/22815

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/164,786 **1 Oct/oct 1998 (01.10.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHODS OF REDUCING PROXIMITY EFFECTS IN LITHOGRAPHIC PROCESSES

• TECHNIQUE PERMETTANT DE REDUIRE DES EFFETS DE PROXIMITE LORS DE PROCESSUS LITHOGRAPHIQUES

(71) **MICRON TECHNOLOGY, INC.** [US/US]; 8000 South Federal Way, Boise, ID 83706–9632 (US).

(72) **PIERRAT, Christophe**; 9753 West Preece, Boise, ID 83704 (US). **BURDORF, James, E.**; P.O. Box 2572, Tualitin, OR 97062 (US). **BAGGENSTOSS, William**; 4376 S. Silverwood, Boise, ID 83716 (US). **STANTON, William**; 5755 S. Sedum Way, Boise, ID 83716 (US).

(74) **FLIEGEL, Frederick, M.** et al. / etc.; Suite 1300, W. 601 First Avenue, Spokane, WA 99201–3828 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN 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 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; 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)[6] **G03F 7/004**

(11) **WO 00/19273** (13) A1

(21) PCT/US99/22617

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,924 **1 Oct/oct 1998 (01.10.1998)** US

(30) 09/404,904 **24 Sep/sep 1999 (24.09.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NOVEL PHOTOSENSITIVE POLYBENZOXAZOLE PRECURSOR COMPOSITIONS
• COMPOSITIONS PHOTOSENSIBLES AVEC PRECURSEUR A BASE DE POLYBENZOXADOLE

(71) **ARCH SPECIALTY CHEMICALS, INC.** [US/US]; 501 Merrit 7, P.O. Box 4500, Norwalk, CT 06856–4500 (US).

(72) **HSU, Steve, Lien–Chun**; 5 Fairview Circle, Barrington, RI 02806 (US). **NAIINI, Ahmad**; 115 Love Lane, Warwick, RI 02886 (US). **WEBER, William, D.**; 1147 Narragansett Boulevard, Cranston, RI 02905 (US).

(74) **GREELEY, Paul, D.**; Ohlandt, Greeley, Ruggiero & Perle, L.L.P., 9th floor, One Landmark Square, Stamford, CT 06901–2682 (US).

(81) JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[6] **G03F 7/022, 7/023, 7/32**

(11) **WO 00/19274** (13) A1

(21) PCT/JP99/04759

(22) **2 Sep/sep 1999 (02.09.1999)**

(25) ja (26) ja

(30) 10/275933 **29 Sep/sep 1998 (29.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR FORMING MICROPATTERN OF RESIST
• PROCEDE D'ELABORATION DE MICROSTRUCTURE DE RESINE

(71) **CLARIANT INTERNATIONAL LTD.** [CH/CH]; Rothausstrasse 61, CH–4132 Muttenz 1 (CH).
(only for / seulement pour CN KR)

(71) **CLARIANT FINANCE (BVI) LIMITED** [GB/GB]; Citco Building, Wickhams Cay, P.O. Box 662, Road T, own, Tortola (VG).
(only for / seulement pour BE DE FR GB IT NL)

(72, 75) **IGAWA, Akihiko** [JP/JP]; Clariant (Japan) K.K., 3810, Chihama, Daitocho, Ogasa–gun, Sizuoka 437–1496 (JP). **IKEMOTO, Jun** [JP/JP]; Clariant (Japan) K.K., 3810, Chihama, Daitocho, Ogasa–gun, Sizuoka 437–1496 (JP).

(74) **KANAO, Hiroki** et al. / etc.; Mutsumi International Patent Bureau, Bandai Building, 10–14, Kandaawajicho 2–chome, Chiyoda–ku, Tokyo 101–0063 (JP).

(81) CN KR US; EP (BE DE FR GB IT NL).

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(51)[6] **G03F 7/023**

(11) **WO 00/19275** (13) A1

(21) PCT/US99/22618

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,694 **1 Oct/oct 1998 (01.10.1998)** US

(30) 09/406,007 **24 Sep/sep 1999 (24.09.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NOVEL PHOTOSENSITIVE RESIN COMPOSITIONS
• COMPOSITIONS A BASE DE RESINE PHOTOSENSIBLE

(71) **ARCH SPECIALTY CHEMICALS, INC.** [US/US]; 501 Merrit 7, P.O. Box 4500, Norwalk, CT 06856–4500 (US).

(72) **WATERSON, Pamela, J.**; 504 School Street, Northbridge, MA 01534 (US). **NAIINI, Ahmad**; 115 Love Lane, Warwick, RI 02886 (US). **WEBER, William, D.**; 1147 Narragansett Boulevard, Cranston, RI 02905 (US).

(74) **GREELEY, Paul, D.**; Ohlandt, Greeley, Ruggiero & Perle, L.L.P., One Landmark Square, 9th Floor, Stamford, CT 06901–2682 (US).

(81) JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G03F 7/023**

(11) **WO 00/19276** (13) A1

(21) PCT/US99/22619

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,694 **1 Oct/oct 1998 (01.10.1998)** US

(30) 09/404,905 **24 Sep/sep 1999 (24.09.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NOVEL PHOTOSENSITIVE RESIN COMPOSITIONS
• COMPOSITIONS A BASE DE RESINE PHOTOSENSIBLE

(71) **ARCH SPECIALTY CHEMICALS, INC.** [US/US]; 501 Merritt 7, P.O. Box 4500, Norwalk, CT 06856–4500 (US).

(72) **WEBER, William, D.**; 1147 Narragansett Boulevard, Cranston, RI 02905 (US). **WATERSON, Pamela, J.**; 504 School Street, Northbridge, MA 01534 (US). **HSU, Steve, Lien–Chung**; 5 Fairview Circle, Barrington, RI 02806 (US). **NAIINI, Ahmad**; 115 Love Lane, Warwick, RI 02806 (US).

(74) **GREELEY, Paul, D.**; Ohlandt, Greeley, Ruggiero & Perle, L.L.P., 9th floor, One Landmark Square, Stamford, CT 06901–2682 (US).

(81) JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G03F 7/26, G03B 27/04**

(11) **WO 00/19277** (13) A1

(21) PCT/US98/20282

(22) **28 Sep/sep 1998 (28.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND ASSEMBLY FOR PRODUCING PRINTING PLATES
• PROCEDE ET ENSEMBLE DE PRODUCTION DE PLAQUES D'IMPRESSION

(71) **MACDERMID IMAGING TECHNOLOGY, INCORPORATED** [US/US]; 245 Freight Street, Waterbury, CT 06702 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STRONG, Kenneth, M.** [CA/US]; 412 Mockingbird Way, Hockessin, DE 19707 (US).

(74) **SLATE, William, B.** et al. / etc.; Wiggin & Dana, One Century Tower, New Haven, CT 06508–1832 (US).

(81) CA JP US; 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] **G03G 15/00, 15/08, 15/01, 21/10, 21/18**

(11) **WO 00/19278** (13) A1

(21) PCT/EP99/07193

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) de (26) de

(30) 198 44 435.4 **28 Sep/sep 1998 (28.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PRINTING OR COPYING SYSTEM WITH A REUSABLE CONTAINER FOR CONSUMABLE MATERIALS AND METHOD FOR USING SAID CONTAINER
• SYSTEME D'IMPRESSION OU DE REPRODUCTION COMPORTANT UN RECIPIENT REUTILISABLE POUR LES MATIERES CONSOMMABLES ET PROCEDE POUR UTILISER LEDIT PROCEDE

(71) **OCE PRINTING SYSTEMS GMBH** [DE/DE]; Siemensallee 2, D–85586 Poing (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **REIHL, Heiner** [DE/DE]; Am Sonnenfeld 2, D–85354 Freising (DE). **CREUTZMANN, Edmund** [DE/DE]; Herzog–Ludwig–Strasse 52, D–85570 Markt Schwaben (DE). **KEIL, Wolfram** [DE/DE]; Münchener Strasse 21 A, D–85643 Steinhöring (DE). **SCHOCH, Bernd** [DE/DE]; Wallbergstrasse 34, D–85570 Markt Schwaben (DE). **WINTER, Hans** [DE/DE]; Wendel–Dietrich–Strasse 8, D–80634 München (DE).

(74) **SCHAUMBURG, Karl–Heinz** et al. / etc.; Postfach 86 07 48, D–81634 München (DE).

(81) CA CN DE JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[6] **G04B 19/22**

(11) **WO 00/19279** (13) A1

(21) PCT/US99/22228

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/164,411 **30 Sep/sep 1998 (30.09.1998)** US

(30) 09/298,321 **23 Apr/avr 1999 (23.04.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LINEAR TIME DISPLAY
• AFFICHAGE LINEAIRE DE L'HEURE

(71, 72) **CHITTURI, Prasanna, R.** [US/US]; 7430 Laurel Court, Pleasanton, CA 94588 (US).

(74) **AUYEUNG, Aloysius, T., C.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025–1026 (US).

(81) AE AL AM AT 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 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; 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)[6] **G04B 47/00**

(11) **WO 00/19280** (13) A1

(21) PCT/IL99/00511

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 09/161,309 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SYSTEM AND METHOD FOR REDUCING POWER CONSUMPTION IN WAITING MODE
• SYSTEME ET PROCEDE DE REDUCTION DE LA CONSOMMATION D'ENERGIE EN MODE D'ATTENTE

(71) **D.S.P.C. TECHNOLOGIES LTD.** [IL/IL]; Ben Gurion Street 11, 51905 Givat Shmuel (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALON, Ram** [IL/IL]; Harav Kuk Street 90, 46505 Herzlia (IL). **BEN–ELI, David** [IL/IL]; Nahal Hayarkon Street 1, 71700 Modiin (IL). **SCHUSHAN, Asaf** [IL/IL]; Rashbam Street 9, 47207 Ramat Hasharon (IL). **LESHETS, Yona** [IL/IL]; Carmel Street 40, 44862 Zur Yigal (IL).

(74) **EITAN, PEARL, LATZER & COHEN–ZEDEK**; Gav Yam Center 2, Shenkar Street 7, 46725 Herzlia (IL).

(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 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; 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] **G04D 7/00**

(11) **WO 00/19281** (13) A1

(21) PCT/CH99/00436

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) fr (26) fr

(30) 1943/98 **24 Sep/sep 1998 (24.09.1998)** CH

(30) 98/14270 **13 Nov/nov 1998 (13.11.1998)** FR

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • APPARATUS AND METHOD FOR POSITIONING THE CLOCKWORK OF A WATCH MOVEMENT EQUIPPED WITH A CALENDAR MECHANISM
• APPAREIL ET PROCEDE POUR POSITIONNER LE ROUAGE D'UN MOUVEMENT DE MONTRE MUNI D'UN MECANISME DE CALENDRIER

(71) **PRECIMECA S.A.** [CH/CH]; La Ronde–Fin, CH–2087 Cornaux (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GIULIERI, Christian** [CH/CH]; Rue du Commerce 2, CH–2208 Les Hauts–Geneveys (CH). **FALCO, Lucien** [CH/CH]; Chemin des Ruedebins, 15, CH–2088 Cressier (CH). **VERMOT, Michel** [CH/CH]; Petit–Bois, 13, CH–2316 Les Ponts–de–Martel (CH).

(74) **GRESSET – LAESSER – NITHARDT**; Cabinet de Conseils en Propriété Industrielle, 8A, Puits–Godet, CH–2000 Neuchâtel (CH).

(81) CN IN JP KR US; 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] **G05B**

(11) **WO 00/19282** (13) A2

(21) PCT/DE99/03118

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) de (26) de

(30) 198 44 663.2 **29 Sep/sep 1998 (29.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CIRCUIT CONFIGURATION AND METHOD FOR ADJUSTING THE SWITCHING POINTS OF A DECISION MODULE
• CIRCUIT ET PROCEDE POUR AJUSTER DES POINTS DE COMMUTATION D'UN SYSTEME DE DECISION

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DRAXELMAYR, Dieter** [AT/AT]; Tschinowitscher Weg 46, A–9500 Villach (AT).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) JP KR US; 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] **G05B 19/042**

(11) **WO 00/19283** (13) A1

(21) PCT/EP99/06902

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) de (26) de

(30) 98118288.4 **28 Sep/sep 1998** EP **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR OPERATING AN AUTOMATION SYSTEM
• PROCEDE D'EXPLOITATION D'UN SYSTEME D'AUTOMATISATION

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OPATERNY, Thilo** [DE/DE]; Ortliebstrasse 29, D–90453 Nürnberg (DE). **DONHAUSER, Richard** [DE/DE]; Lärchenstrasse 3, D–92284 Poppenricht (DE). **LIND, Pirmin** [DE/DE]; Rustelstrasse 12, D–76889 Birkenhördt (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CA US; 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] **G05B 19/042**

(11) **WO 00/19284** (13) A1

(21) PCT/IB99/01593

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) it (26) en

(30) TO98A000822 **30 Sep/sep 1998** IT **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SYSTEM FOR PROGRAMMING A HOUSEHOLD APPLIANCE HAVING AN ELECTRONIC CONTROL
• SYSTEME DESTINE A PROGRAMMER UN APPAREIL ELECTROMENAGER EQUIPE D'UNE COMMANDE ELECTRONIQUE

(71) **MERLONI ELETTRODOMESTICI S.P.A.** [IT/IT]; Viale Aristide Merloni, 47, I–60044 Fabriano (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AISA, Valerio** [IT/IT]; Via Serraloggia, 78/A, I–60044 Fabriano (IT).

(74) **DINI, Roberto**; Merloni Elettrodomestici S.p.A., Ufficio Brevetti e Marchi, Via Pinerolo, 25, I–10060 None (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 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; 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 19/4099**

(11) **WO 00/19285** (13) A1

(21) PCT/IT99/00277

(22) **1 Sep/sep 1999 (01.09.1999)**

(25) en (26) en

(30) TO98A000812 **25 Sep/sep 1998** IT **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS AND SYSTEM FOR WORKING A WORKPIECE THROUGH NUMERICALLY CONTROLLED MACHINE TOOLS
• PROCESSUS ET SYSTEME POUR USINER UNE PIECE A L'AIDE DE MACHINES–OUTILS A COMMANDE NUMERIQUE

(71) **FIDIA S.P.A.** [IT/IT]; Corso Lombardia, 11, I–10099 San Mauro Torinese (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MORFINO, Giuseppe** [IT/IT]; Via S. Felice, 98, I–10025 Pino Torinese (IT).

(74) **GARAVELLI, Paolo**; A.Bre.Mar. S.r.l., Via Servais, 27, I–10146 Torino (IT).

(81) AE AL AU BA BB BG BR CA CN CU CZ EE GD GE GH GM HR HU ID IL IN IS JP KP KR LC LK LR LS LT LV MD MG MK MN MW MX NZ PL RO SD SG SI SK SL TR TT UA UG US VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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 19/418**

(11) **WO 00/19286** (13) A1

(21) PCT/DE99/02940

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) de (26) de

(30) 198 45 025.7 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE FOR CONTROLLING AND/OR MONITORING EXTERNAL TECHNICAL PROCESSES
• DISPOSITIF PERMETTANT DE COMMANDER ET/OU DE SURVEILLER DES PROCESSUS INDUSTRIELS EXTERNES

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHÜTZ, Hartmut** [DE/DE]; Friedhofstrasse 6, D–91336 Heroldsbach (DE). **BARTHEL, Herbert** [DE/DE]; Am Hasengarten 6a, D–91074 Herzogenaurach (DE). **HALLER, Georg** [DE/DE]; Felix–Klein–Strasse 47, D–91058 Erlangen (DE). **SCHENK, Andreas** [DE/DE]; Schenkstrasse 82, D–91052 Erlangen (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) US; 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] **G05B 19/418, G06F 7/04, 17/60, G07F 7/00**

(11) **WO 00/19287** (13) A1

(21) PCT/SE99/01705

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/161,293 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PAY PER WASH LAUNDRY SYSTEM
• LAVERIE A PAIEMENT A LA CARTE

(71) **AKTIEBOLAGET ELECTROLUX** [SE/SE]; S–105 45 Stockholm (SE).

(72) **MILCH, Neal**; 168 Hewlett Neck Road, Woodmere, NY 11598 (US). **JAWERTH, Ragnar**; Visvägen 20, S–341 32 Ljungby (SE).

(74) **SVAHN, Göran**; AB Electrolux, Group Patents & Trademarks, S–105 45 Stockholm (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; 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 3/12**

(11) **WO 00/19288** (13) A1

(21) PCT/JP99/05238

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) ja (26) ja

(30) 10/273508 **28 Sep/sep 1998 (28.09.1998)** JP

(30) 10/275077 **29 Sep/sep 1998 (29.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • POSITION CONTROLLER
• DISPOSITIF DE COMMANDE DE POSITION

(71) **KABUSHIKI KAISHA YASKAWA DENKI** [JP/JP]; 2–1, Kurosaki–Shiroishi, Yahatanishi–ku, Kitakyushu–shi, Fukuoka 806–0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OKUBO, Tadashi** [JP/JP]; Kabushiki Kaisha Yaskawa Denki, 2–1, Kurosaki–Shiroishi, Yahatanishi–ku, Kitakyushu–shi, Fukuoka 806–0004 (JP). **ZHANG, Wennong** [CN/JP]; Kabushiki Kaisha Yaskawa Denki, 2–1, Kurosaki–Shiroishi, Yahatanishi–ku, Kitakyushu–shi, Fukuoka 806–0004 (JP). **KAKU, Yasuhiko** [JP/JP]; Kabushiki Kaisha Yaskawa Denki, 2–1, Kurosaki–Shiroishi, Yahatanishi–ku, Kitakyushu–shi, Fukuoka 806–0004 (JP). **MURATA, Kenichi** [JP/JP]; Kabushiki Kaisha Yaskawa Denki, 2–1, Kurosaki–Shiroishi, Yahatanishi–ku, Kitakyushu–shi, Fukuoka 806–0004 (JP).

(81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G05F 1/10**

(11) **WO 00/19289** (13) A1

(21) PCT/US99/12625

(22) **8 Jun/juin 1999 (08.06.1999)**

(25) en (26) en

(30) 09/161,089 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A SCALEABLE CHARGE PUMP FOR USE WITH A LOW VOLTAGE POWER SUPPLY
• POMPE DE CHARGE EVOLUTIVE A UTILISER AVEC UNE ALIMENTATION BASSE TENSION

(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) **JAVANIFARD, Jahanshir, J.** [US/US]; 4115 Crondall Drive, Sacramento, CA 95864 (US). **TAUB, Mase, J.** [US/US]; 9429 Plainoak Way, Elk Grove, CA 95758 (US).

(74) **MILLIKEN, Darren, J.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **G05F 3/00**

(11) **WO 00/19290** (13) A2

(21) PCT/US99/18224

(22) **11 Aug/août 1999 (11.08.1999)**

(25) en (26) en

(30) 09/162,176 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CURRENT BIASING CIRCUIT
• CIRCUIT DE POLARISATION DE COURANT

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, Research Triangle Park, NC 27709 (US).

(72) **KLEMMER, Nikolaus**; 102 Streamview Drive, Apex, NC 27502 (US).

(74) **MONCO, Dean, A.**; Wood, Phillips, Van-Santen, Clark & Mortimer, Suite 3800, 500 West Madison Street, Chicago, IL 60661–2511 (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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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)[6] **G06F , H04L**

(11) **WO 00/19291** (13) A2

(21) PCT/SE99/01697

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/162,744 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND SYSTEM FOR DISTRIBUTING SOFTWARE IN A NETWORK
• PROCEDE ET SYSTEME POUR DISTRIBUER UN LOGICIEL DANS UN RESEAU

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S–126 25 Stockholm (SE).

(72) **HÜBINETTE, Ulf**; Stekelvägen 20, S–587 29 Linköping (SE).

(74) **ERICSSON RADIO SYSTEMS AB**; Common Patent Dept., S–164 80 Stockholm (SE).

(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 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; 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**

(11) **WO 00/19292** (13) A2

(21) PCT/US99/16580

(22) **23 Jul/juil 1999 (23.07.1999)**

(25) en (26) en

(30) 09/163,271 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • UPGRADE CARD FOR A COMPUTER SYSTEM
• CARTE DE REMISE A NIVEAU POUR SYSTEME INFORMATIQUE

(71) **EVERGREEN TECHNOLOGIES, INC.** [US/US]; 808 N.W. Buchanan Avenue, Corvallis, OR 97330 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **McKENNA, Daniel** [US/US]; 1825 N.W. 14th Street, Corvallis, OR 97330 (US). **CLARK, Neville** [AU/US]; 4131 Tamarack Drive, Corvallis, OR 97330 (US). **THOMPSON, Michael** [US/US]; 84714 Sarvis Berry Lane, Eugene, OR 97405 (US).

(74) **RUSSEL, Kevin, L.** et al. / etc.; Chernoff, Vilhauer, McClung & Stenzel, LLP, Suite 600, One S.W. Columbia, Portland, OR 97258 (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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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) **WO 00/19293** (13) A2

(21) PCT/US99/22220

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/161,608 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND APPARATUS FOR COMPRESSING DATA
• PROCEDE ET APPAREIL DE COMPRESSION DE DONNEES

(71) **ANZUS, INC.** [US/US]; 9747 Businesspark Avenue, San Diego, CA 92131 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TROUT, H., Robert, G.** [US/US]; 12303 Rue Fontainebleau, San Diego, CA 92131 (US).

(74) **MILLIKEN, Darren, J.** et al. / etc.; Blakeley, Sokoloff, Taylor & Zafman, LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (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 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; 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**

(11) **WO 00/19294** (13) A2

(21) PCT/US99/22234

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/161,602 **25 Sep/sep 1998** US **(25.09.1998)**

(30) 09/346,495 **30 Jun/juin 1999** US **(30.06.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PORTABLE STORAGE AND CONTROL UNITS FOR DIGITAL DATA
• UNITES DE COMMANDE ET DE STOCKAGE PORTABLES POUR DONNEES NUMERIQUES

(72, 75) **MCRAE, Matthew, B.** [US/US]; 235 Portico Aisle, Irvine, CA 92606 (US).

(74) **SATERMO, Eric, K.**; P.O. Box 19099, Irvine, CA 92623–9099 (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; 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 1/00**

(11) **WO 00/19295** (13) A1

(21) PCT/CA99/00890

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 2,246,049 **25 Sep/sep 1998** CA **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD OF CREATING AUTHENTICATED VERIFIABLE REPRODUCTIONS OF ELECTRONIC DOCUMENTS
• PROCEDE DE CREATION DE REPRODUCTIONS VERIFIABLES AUTHENTIFIEES DE DOCUMENTS ELECTRONIQUES

(71) **SILANIS TECHNOLOGY INC.** [CA/CA]; Suite 305, 3333 Côte Vertu, St–Laurent, Québec H4R 2N1 (CA).

(72) **PETROGIANNIS, Tommy**; 4560 Cumberland Avenue, Montréal, Québec H4B 2L4 (CA).

(74) **ROBIC**; 55 St–Jacques, Montréal, Québec H2Y 3X2 (CA).

(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; 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 1/00**

(11) **WO 00/19296** (13) A1

(21) PCT/CA99/00891

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 2,246,006 **25 Sep/sep 1998** CA **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR THE SEPARATE AUTHENTICATION OF A TEMPLATE AND USER DATA
• PROCEDE D'AUTHENTIFICATION SEPAREE D'UN MODELE ET DE DONNEES D'UTILISATEUR

(71) **SILANIS TECHNOLOGY INC.** [CA/CA]; Suite 305, 3333, Côte Vertu, St. Laurent, Québec H4R 2N1 (CA).

(72) **SILVESTER, Joseph**; 282, place des Cèdres, Dollard–des–Ormeaux, Québec H9G 1W1 (CA). **MILCZAREK, Ed**; 5135 des Cajeux, Pierrefonds, Québec H9J 3C4 (CA). **PETROGIANNIS, Tommy**; 4560 Cumberland Avenue, Montréal, Québec H4B 2L4 (CA).

(74) **ROBIC**; 55, St. Jacques, Montréal, Québec H2Y 3X2 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; 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 1/00**

(11) **WO 00/19297** (13) A1

(21) PCT/DE99/02844

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) de (26) de

(30) 198 45 055.9 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND ARRAY FOR UPDATING A PASSWORD
• PROCEDE ET DISPOSITIF DE MISE A JOUR D'UN MOT DE PASSE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRIES, Steffen** [DE/DE]; Wagenbauerstrasse 5, D–81677 München (DE). **EUCHNER, Martin** [DE/DE]; Lorenzstrasse 2, D–81737 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) US; 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 1/00**

(11) **WO 00/19298** (13) A1

(21) PCT/EP99/07392

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 98203317.7 **1 Oct/oct 1998** EP **(01.10.1998)**

(30) 99200131.3 **19 Jan/jan 1999** EP **(19.01.1999)**

(30) 99200433.3 **16 Feb/fév 1999** EP **(16.02.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A COMPUTER CONFIGURATION FOR INTERFACING TO A SECURED DATA BODY
• CONFIGURATION INFORMATIQUE ASSURANT L'INTERFACE AVEC UN CORPS DE DONNEES PROTEGEES

(71) **SEMICONDUCTOR IDEAS TO THE MARKET (ITOM) B.V.** [NL/NL]; Drielindendreef 53, NL–4839 AH Breda (NL).

(72) **VAN RUMPT, Herman, Wouter**; Neercanne 15, NL–5235 HC 's–Hertogenbosch (NL).

(74) **SCHOONHEIJM, Harry, Barend**; Gaspeldoorn 3, NL–5666 AX Geldrop (NL).

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

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(51)[6] **G06F 1/00**

(11) **WO 00/19299** (13) A1

(21) PCT/US98/20083

(22) **25 Sep/sep 1998 (25.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AN APPARATUS FOR PROVIDING A SECURE PROCESSING ENVIRONMENT
• APPAREIL GENERANT UN ENVIRONNEMENT POUR TRAITEMENT DE SECURISATION

(71) **HUGHES ELECTRONICS CORPORATION** [US/US]; Building 001, M.S. A109, 200 N. Sepulveda Boulevard, P.O. Box 956, El Segundo, CA 92045–0956 (US).

(72) **CASSAGNOL, Robert, D.**; 1904 Alabaster Drive, Silver Spring, MD 20904 (US). **DILLON, Douglas, M.**; 1 Bell Bluff Court, Gaithersburg, MD 20879 (US). **KLOPER, David, S.**; 1012 Leafy Hollow Circle, Mt. Airy, MD 21771 (US). **WEBER, Sandra, J.**; 1431 Brookline Boulevard, Pittsburgh, PA 15226 (US). **BAUTZ, Brandon, E.**; 9803 Bristol Square Lane, Bethesda, MD 20814 (US).

(74) **WHELAN, John, T.**; Hughes Electronics Corporation, Building 001, M.S. A109, 200 N. Sepulveda Boulevard, P.O. Box 956, El Segundo, CA 90245–0946 (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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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 1/00**

(11) **WO 00/19300** (13) A1

(21) PCT/US99/21924

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) en (26) en

(30) 09/162,102 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AUTOMATIC RECOVERY OF FORGOTTEN PASSWORDS
• RECUPERATION AUTOMATIQUE DE MOTS DE PASSE OUBLIES

(71) **SYMANTEC CORPORATION** [US/US]; 10201 Torre Avenue, Cupertino, CA 95014–2132 (US).

(72) **GRAWROCK, David**; 8285 S.W. 184th, Aloha, OR 97007 (US).

(74) **FLIESLER, Martin, C.** et al. / etc.; Fliesler, Dubb, Meyer & Lovejoy LLP, Suite 400, Four Embarcadero Center, San Francisco, CA 94111–4156 (US).

(81) CA; 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 1/00**

(11) **WO 00/19301** (13) A2

(21) PCT/US99/22670

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/163,358 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AUTOMATIC GENERATION OF ACPI SOURCE LANGUAGE FOR PERIPHERAL RESOURCE CONFIGURATION
• GENERATION AUTOMATIQUE DE LANGAGE DE SOURCE ACPI POUR LA CONFIGURATION DE RESSOURCES PERIPHERIQUES

(63) US 09/163,358 (CIP)
30 Sep/sep 1998 (30.09.1998)

(71) **PHOENIX TECHNOLOGIES LTD.** [US/US]; 411 East Plumeria Drive, San Jose, CA 95134 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NIJHAWAN, Vijay, Bharat** [IN/US]; 4950 Stevenson Boulevard, Fremont, CA 94538 (US).

(74) **LINN, Richard** et al. / etc.; Foley & Lardner, Suite 500, 3000 K Street, N.W., Washington, DC 20007–5109 (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 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; 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 1/08, H04J 3/06**

(11) **WO 00/19302** (13) A1

(21) PCT/DE99/03058

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) de (26) de

(30) 198 44 671.3 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SPIKE–FREE CLOCK SWITCHING
• COMMUTATION D'HORLOGE SANS VARIATION BRUSQUE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MÄNZ, Martin** [DE/DE]; Weitlstr. 147, D–80995 München (DE). **ZÖLLER, Georg** [DE/DE]; Himmelsbergstr. 42, D–57520 Steinebach (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) BR CN ID US; 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 3/00**

(11) **WO 00/19303** (13) A1

(21) PCT/JP99/05202

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) ja (26) ja

(30) 10/271952 **25 Sep/sep 1998** JP **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INFORMATION PROCESSOR, INFORMATION PROCESSING METHOD AND MEDIUM
• PROCESSEUR INFORMATIQUE, TRAITEMENT INFORMATIQUE ET SUPPORT

(71) **FUJITSU LIMITED** [JP/JP]; 1–1, Kamikodanaka 4–chome, Nakahara–ku, Kawasaki–shi, Kanagawa 211–8588 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KUMAZAWA, Takeshi** [JP/JP]; Fujitsu Limited, 1–1, Kamikodanaka 4–chome, Nakahara–ku, Kawasaki–shi, Kanagawa 211–8588 (JP). **FUKUI, Nobuhito** [JP/JP]; Fujitsu Personal Computer Systems Limited, 1405, Ooaza Oomaru, Inagi–shi, Tokyo 206–0801 (JP).

(74) **TOYAMA, Tsutomu** et al. / etc.; Yokoyama Building, 6th floor, 4–10, Higashinihonbashi 3–chome, Chuo–ku, Tokyo 103–0004 (JP).

(81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G06F 3/00**

(11) **WO 00/19304** (13) A1

(21) PCT/US98/20354

(22) **30 Sep/sep 1998 (30.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SERVICE CREATION ENVIRONMENT (META MODEL EDITOR)
• ENVIRONNEMENT DE CREATION DE SERVICES (EDITEUR META MODEL)

(71) **HARRIS CORPORATION** [US/US]; 1025 West Nasa Boulevard, Melbourne, FL 32919 (US).

(72) **KAPLAN, Robert**; 91, Franciscan Way, Kensington, CA 94707 (US).

(74) **ROGERS, L., Lawton, III** et al. / etc.; Rogers & Killeen, Suite 400, 510 King Street, Alexandria, VA 22314 (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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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 3/033**

(11) **WO 00/19305** (13) A1

(21) PCT/IL99/00515

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 60/102,336 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A METHOD FOR RENDERING A VISUAL OVERVIEW OF HIDDEN DATA
• PROCEDE POUR RENDRE UNE VUE D'ENSEMBLE DE DONNEES CACHEES

(71) **MAXIMAL INNOVATIVE INTELLIGENCE LTD.** [IL/IL]; 18 Totzeret Ha'aretz Street, P.O Box 25004, 61250 Tel Aviv (IL). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MERIAZ, Yoram** [IL/IL]; 46/28 Etzel Street, 58200 Holon (IL). **MEGIDDO, Eran** [IL/IL]; 2/5 Ha'rav Reiness Street, 95427 Jerusalem (IL). **PRISH, Shahar** [IL/IL]; 9 Golei Kenya Street, 69717 Tel Aviv (IL).

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

(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 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; 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 3/033**

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(21) PCT/US99/19566

(22) **25 Aug/août 1999 (25.08.1999)**

(25) en (26) en

(30) 09/162,216 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DISPLAY CONTROL FOR SOFTWARE NOTES
• COMMANDE D'AFFICHAGE DE COMMENTAIRES DE LOGICIELS

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; P.O. Box 33427, St. Paul, MN 55133–3427 (US).

(72) **EISENBERG, Peter, M.**; 4521 Washburn Avenue South, Minneapolis, MN 55410 (US).

(74) **SHUMAKER, Steven, J.**; Fish & Richardson P.C., P.A., Suite 3300, 60 South Sixth Street, Minneapolis, MN 55402 (US).

(81) AU CA JP KR MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G06F 3/14**

(11) **WO 00/19307** (13) A1

(21) PCT/JP98/04295

(22) **25 Sep/sep 1998 (25.09.1998)**

(25) ja (26) ja

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND APPARATUS FOR PROCESSING INTERACTION
• PROCEDE ET DISPOSITIF D'INTERACTION DE TRAITEMENT

(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) **NANBA, Yasuharu** [JP/JP]; Systems Development Laboratory, Hitachi, Ltd., 1099, Ouzenji, Asao–ku, Kawasaki–shi, Kanagawa 215–0013 (JP). **MURATA, Tomohiro** [JP/JP]; Systems Development Laboratory, Hitachi, Ltd., 1099, Ouzenji, Asao–ku, Kawasaki–shi, Kanagawa 215–0013 (JP). **AOSHIMA, Hirokazu** [JP/JP]; Systems Development Laboratory, Hitachi, Ltd., 1099, Ouzenji, Asao–ku, Kawasaki–shi, Kanagawa 215–0013 (JP).

(74) **SAKUTA, Yasuo**; Hitachi, Ltd., 5–1, Marunouchi 1–chome, Chiyoda–ku, Tokyo 100–8220 (JP).

(81) JP US; 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 3/16**

(11) **WO 00/19308** (13) A1

(21) PCT/US99/22652

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/165,591 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SYSTEM AND METHOD FOR PERFORMING DIGITAL SIGNAL PROCESSING ON AN AC LINK BUS
• SYSTEME ET PROCEDE POUR LE TRAITEMENT DES SIGNAUX NUMERIQUES SUR UNE BARRE BUS ALTERNATIVE

(71) **CONEXANT SYSTEMS, INC.** [US/US]; Joseph King, 4311 Jamboree Road, Newport Beach, CA 92660–3095 (US).

(72) **MAXWELL, Conrad, M.**; 8 Foxcrest, Irvine, CA 92620 (US). **BRAUN, David, P.**; 15071 Humphrey Circle, Irvine, CA 92604 (US). **SNEED, George, Christopher**; 14 Ghiberti, Irvine, CA 92606 (US).

(74) **GESS, Albin, H.**; Price, Gess & Ubell, Suite 250, 2100 S.E. Main Street, Irvine, CA 92614 (US).

(81) CA JP; 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 9/00**

(11) **WO 00/19309** (13) A2

(21) PCT/US99/22547

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/164,256 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DYNAMIC MICROCODE FOR EMBEDDED PROCESSORS
• MICROCODE DYNAMIQUE POUR PROCESSEURS ENFOUIS

(71) **CONEXANT SYSTEMS, INC.** [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660–3095 (US).

(72) **SISKA, Charles, P.**; 956 Azalea Drive, Costa Mesa, CA 92626 (US).

(74) **TAKAHASHI, Mark, M.**; Snell & Wilmer L.L.P., One Arizona Center, 400 East Van Buren, Phoenix, AZ 85004–0001 (US).

(81) JP; 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 9/00**

(11) **WO 00/19310** (13) A2

(21) PCT/US99/22671

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/163,359 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DUAL USE MASTER BOOT RECORD
• ENREGISTREMENT D'AMORÇAGE PILOTE A DOUBLE MISE EN APPLICATION

(63) US 09/163,359 (CIP)
30 Sep/sep 1998 (30.09.1998)

(71) **PHOENIX TECHNOLOGIES LTD.** [US/US]; 411 East Plumeria Drive, San Jose, CA 95134 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RICKEY, Albert, E.** [US/US]; 21082 Jenner, Lake Forest, CA 92630 (US).

(74) **LINN, Richard** et al. / etc.; Foley & Lardner, Suite 3300, 330 North Wabash Avenue, Chicago, IL 60611–3608 (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 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; 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 9/318, 9/30**

(11) **WO 00/19311** (13) A1

(21) PCT/US99/22551

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/163,741 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR DYNAMIC ALLOCATION AND SHARING OF FUNCTIONAL UNIT DATAPATHS
• METHODE D'ATTRIBUTION DYNAMIQUE ET DE PARTAGE DE CHEMINS DE DONNEES POUR UNITES FONCTIONNELLES

(71) **CONEXANT SYSTEMS, INC.** [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660–3095 (US).

(72) **GANAPATHY, Kumar**; 21114 Paseo Vereda, Lake Forest, CA 92630 (US).

(74) **SCOTT, Russell, C.**; Akin, Gump, Strauss, Hauer & Feld, LLP, Suite 1900, 816 Congress Avenue, Austin, TX 78701 (US).

(81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[7] **G06F 9/44**

(11) **WO 00/19312** (13) A2

(21) PCT/DE99/02827

(22) **6 Sep/sep 1999 (06.09.1999)**

(25) de (26) de

(30) 198 44 407.9 **28 Sep/sep 1998** DE **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS MANAGEMENT METHOD
• PROCEDE DE GESTION DE PROCESSUS

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILHELM, Helmut** [DE/DE]; Oberndorferstrasse 4A, D–85622 Feldkirchen (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CN DE ID US.

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(51)[7] **G06F 9/44**

(11) **WO 00/19313** (13) A2

(21) PCT/DE99/02936

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) de (26) de

(30) 198 44 969.0 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR EXECUTING INDIVIDUAL ALGORITHMS BY MEANS OF A RECONFIGURABLE CIRCUIT AND DEVICE FOR CARRYING OUT SUCH A METHOD
• PROCEDE PERMETTANT D'EXECUTER DIFFERENTS ALGORITHMES A L'AIDE D'UN CIRCUIT RECONFIGURABLE ET DISPOSITIF PERMETTANT D'EXECUTER UN TEL PROCEDE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BUCHENRIEDER, Klaus** [DE/DE]; Waldparkstr. 60, D–85521 Riemerling (DE). **KRESS, Rainer** [DE/DE]; Burgstr. 34, D–85604 Pöring (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CN JP KR US; 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 9/445**

(11) **WO 00/19314** (13) A1

(21) PCT/US99/22480

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/162,512 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND DEVICE FOR BOOTING A CD–ROM FROM A SINGLE DISK IMAGE HAVING MULTIPLE EMULATIONS
• PROCEDE ET DISPOSITIF D'AMORÇAGE DE CD–ROM A PARTIR D'UNE SEULE IMAGE DISQUE, PERMETTANT DES EMULATIONS MULTIPLES

(63) US 09/162,512 (CIP)
29 Sep/sep 1998 (29.09.1998)

(71) **PHOENIX TECHNOLOGIES LTD.** [US/US]; 411 East Plumeria Drive, San Jose, CA 95134 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RICKEY, Albert, E.** [US/US]; 21082 Jenner, Lake Forest, CA 92630 (US).

(74) **LINN, Richard** et al. / etc.; Foley & Lardner, Suite 500, 3000 K Street, North West, Washington, DC 20007–5109 (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; 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 9/46**

(11) **WO 00/19315** (13) A1

(21) PCT/CA99/00889

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 2,246,095 **25 Sep/sep 1998** CA **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD OF CREATING AN INSEPARABLE LINK BETWEEN AN ELECTRONIC DOCUMENT AND OLE OBJECTS
• PROCEDE DE CREATION D'UNE LIAISON INSEPARABLE ENTRE UN DOCUMENT ELECTRONIQUE ET DES OBJETS OLE

(71) **SILANIS TECHNOLOGY INC.** [CA/CA]; Suite 305, 3333 Côte Vertu, St–Laurent, Quebec H4R 2N1 (CA).

(72) **PETROGIANNIS, Tommy**; 4560 Cumberland Avenue, Montreal, Quebec H4B 2L4 (CA). **SILVESTER, Joseph**; 282 Place des Cèdres, Dollard des Ormeaux, Quebec H9G 1W1 (CA).

(74) **ROBIC**; 55 St–Jacques, Montreal, Quebec H2Y 3X2 (CA).

(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; 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 : *(c)*

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(51)[7] **G06F 9/46**

(11) **WO 00/19316** (13) A1

(21) PCT/US99/22407

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 60/102,121 **28 Sep/sep 1998 (28.09.1998)** US

(30) 09/404,776 **24 Sep/sep 1999 (24.09.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • EXTENDING NETWORK SERVICES USING MOBILE AGENTS
• EXTENSION DE SERVICES DE RESEAU UTILISANT DES AGENTS MOBILES

(71) **INFOLIBRIA, INC.** [US/US]; 411 Waverly Oaks Road, Waltham, MA 02454 (US).

(72) **HEDDAYA, Abdelsalam, A.**; 901 Stearns Hill Road, Waltham, MA 02452 (US). **LEWIS, Kevin, T.**; 100 Fulton Street, No. 4T, Boston, MA 02109 (US). **MIRDAD, Sulaiman, A.**; P.O. Box 230044, Boston, MA 02123 (US). **YATES, David, J.**; 2809 Village Road West, Norwood, MA 02062 (US). **YATES, Ian, C.**; 8 Marlborough Street, No. 5, Boston, MA 02116 (US).

(74) **THIBODEAU, David, J., Jr.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02421 (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 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; 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 11/14**

(11) **WO 00/19317** (13) A1

(21) PCT/US99/22669

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/163,360 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROTECTION OF BOOT BLOCK CODE WHILE ALLOWING WRITE ACCESSES TO THE BOOT BLOCK
• PROTECTION D'UN CODE DE BLOC D'AMORÇAGE AVEC AUTORISATION CONCOMITANTE D'ACCES D'ECRITURE

(63) US 09/163,360 (CIP) 30 Sep/sep 1998 (30.09.1998)

(71) **PHOENIX TECHNOLOGIES LTD.** [US/US]; 411 East Plumeria Drive, San Jose, CA 95134 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MILLER, Gregory, L.** [US/US]; 20505 Yoncalla Court, Portland, OR 97229 (US).

(74) **LINN, Richard** et al. / etc.; Foley & Lardner, Suite 3300, 330 North Wabash Avenue, Chicago, IL 60611–3608 (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 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; 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)[6] **G06F 11/22, G07F 19/00**

(11) **WO 00/19318** (13) A1

(21) PCT/JP98/04412

(22) **30 Sep/sep 1998 (30.09.1998)**

(25) ja (26) ja

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TERMINAL AND MAINTENANCE SYSTEM
• TERMINAL ET SYSTEME D'ENTRETIEN

(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) **NAKAMURA, Hiroaki** [JP/JP]; 1123–71–203, Tsunoda, Sangocho, Owariasahi–shi, Aichi 488–0012 (JP). **GOTO, Yasuo** [JP/JP]; 18–6, Shirayama–cho 8–chome, Kasugai–shi, Aichi 487–0034 (JP).

(74) **OGAWA, Katsuo**; Hitachi, Ltd., 5–1, Marunouchi 1–chome, Chiyoda–ku, Tokyo 100–8220 (JP).

(81) CN JP KR US; 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 11/22**

(11) **WO 00/19319** (13) A1

(21) PCT/US99/22479

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/163,357 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DYNAMIC CREATION OF ACPI APIC TABLES USING MP SPECIFICATION
• CREATION DYNAMIQUE DE TABLES ACPI APIC UTILISANT UNE SPECIFICATION MULTIPROCESSEUR

(63) US 09/163,357 (CIP) 30 Sep/sep 1998 (30.09.1998)

(71) **PHOENIX TECHNOLOGIES LTD.** [US/US]; 411 East Plumeria Drive, San Jose, CA 95134 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TRAN, Andrew, Tuan** [US/US]; 878 Canada Drive, Milpitas, CA 95035 (US).

(74) **LINN, Richard** et al. / etc.; Foley & Lardner, Suite 500, 3000 K Street, Washington, DC 20007–5109 (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 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; 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 11/34, H04L 12/26**

(11) **WO 00/19320** (13) A1

(21) PCT/US99/22787

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,579 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • EVALUATING COMPUTER RESOURCES BY END–USER EMULATION
• EVALUATION DE RESSOURCES INFORMATIQUES PAR EMULATION DE L'UTILISATEUR FINAL

(71) **NEXTPOINT NETWORKS** [US/US]; 68 Tadmuck Road, Westford, MA 01886 (US).

(72) **SWEET, Bruce**; 19 Kings Row, North Reading, MA 01864 (US). **KELLEY, Bruce, A., Jr.**; 8 Hyacinth Drive, Westford, MA 01886 (US). **DARUWALLA, Gev**; 242 Congress Street, Milford, MA 01757 (US). **FULREADER, John**; 160 Newport Street, Arlington, MA 02476 (US). **PEGRAM, Gregory**; 9 Dow Drive, Haverhill, MA 01832 (US).

(74) **REYES, Jason, A.** et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (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 UZ VN YU ZW; 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 12/14**

(11) **WO 00/19321** (13) A1

(21) PCT/EP99/07457

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) de (26) de

(30) 198 45 097.4 **30 Sep/sep 1998 (30.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR DISABLING DATA AND DATA PROCESSING CIRCUIT FOR CARRYING OUT SAID METHOD
• PROCEDE POUR RENDRE DES DONNEES INUTILISABLES ET CIRCUIT DE TRAITEMENT DE DONNEES POUR METTRE EN OEUVRE LEDIT PROCEDE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL–5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)

(71) **PHILIPS CORPORATE INTELLECTUAL PROPERTY GMBH** [DE/DE]; Habsburgerallee 11, D–52066 Aachen (DE).
(only for / seulement pour DE)

(72, 75) **MÜLLER, Detlef** [DE/NL]; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **PETERS, Carl, H.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G06F 12/14**

(11) **WO 00/19322** (13) A1

(21) PCT/US98/20122

(22) **25 Sep/sep 1998 (25.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND APPARATUS FOR CONTROLLING ACCESS TO CONFIDENTIAL DATA
• PROCEDE ET APPAREIL POUR CONTROLER L'ACCES A DES DONNEES CONFIDENTIELLES

(71) **HUGHES ELECTRONICS CORPORATION** [US/US]; Building 001, 200 N. Sepulveda Boulevard, P.O. Box 956, M.S. A109, El Segundo, CA 92045–0956 (US).

(72) **CASSAGNOL, Robert, D.**; 1904 Alabaster Drive, Silver Spring, MD 20904 (US). **DILLON, Douglas, M.**; 1 Bell Bluff Court, Gaithersburg, MD 20879 (US). **KLOPER, David, S.**; 1012 Leafy Hollow Circle, Mt. Airy, MD 21771 (US). **WEBER, Sandra, J.**; 1431 Brookline Boulevard, Pittsburgh, PA 15226 (US). **BAUTZ, Brandon, E.**; 9803 Bristol Square Lane, Bethesda, MD 20814 (US).

(74) **WHELAN, John, T.**; Hughes Electronics Corporation, Building 001, 200 N. Sepulveda Boulevard, P.O. Box 956, M.S. A109, El Segundo, CA 90245–0946 (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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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 13/00, 15/00, H04L 9/32, H04M 1/274, H04L 12/46**

(11) **WO 00/19323** (13) A1

(21) PCT/JP99/05290

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) ja (26) ja

(30) 10/274082 **28 Sep/sep 1998 (28.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NETWORK SYSTEM
• SYSTEME RESEAU

(71) **KOJIMA CO., LTD.** [JP/JP]; 1–8, Hoshigaoka 2–chome, Utsunomiya–shi, Tochigi 320–8528 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOJIMA, Akitoshi** [JP/JP]; Kojima Co., Ltd., 1–8, Hoshigaoka 2–chome, Utsunomiya–shi, Tochigi 320–8528 (JP).

(74) **SUZUYE, Takehiko**; Suzuye & Suzuye, 7–2, Kasumigaseki 3–chome, Chiyoda–ku, Tokyo 100–0013 (JP).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G06F 13/00**

(11) **WO 00/19324** (13) A1

(21) PCT/US99/22331

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 60/102,019 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TRUSTED COMPARTMENTALIZED COMPUTER OPERATING SYSTEM
• SYSTEME D'EXPLOITATION D'ORDINATEUR A PARTITIONNEMENT DE SECURITE

(71) **ARGUS SYSTEMS GROUP, INC.** [US/US]; 1809 Woodfield Drive, Savoy, IL 61874 (US).

(72) **McNABB, Paul, A.**; 2116 Bristol Road, Champaign, IL 61821 (US). **SLAVIN, Pavel, S.**; 4009 Turnberry Drive, Champaign, Il 61821 (US). **HANSON, Chad, J.**; 2320 E. University #8, Urbana, IL 61802 (US). **SANDONE, Randall, J.**; 1779 County Road 1550 N., Urbana, IL 61802 (US).

(74) **BARKUME, Anthony, R.**; Greenberg Traurig, Met Life Building, New York, NY 10166 (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; 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)[6] **G06F 13/00**

(11) **WO 00/19325** (13) A1

(21) PCT/US99/22336

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/161,325 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CUSTOMER WEB LOG–IN ARCHITECTURE
• ARCHITECTURE DE CONNEXION WEB DE CLIENT

(71) **CHARLES SCHWAB & CO., INC.** [US/US]; 101 Montgomery Street, San Francisco, CA 94104 (US).

(72) **SASSON, Gideon**; 252 Colorado Avenue, Palo Alto, CA 94301 (US).

(74) **GOTLIEB, Charles, E.**; Law Offices of Charles E. Gotlieb, Suite 300, 540 University Avenue, Palo Alto, CA 94301 (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 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; 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)[6] **G06F 15/00, 13/00**

(11) **WO 00/19326** (13) A1

(21) PCT/JP99/04415

(22) **16 Aug/août 1999 (16.08.1999)**

(25) ja (26) ja

(30) 10/275285 **29 Sep/sep 1998** JP **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND DEVICE FOR ACCESS REQUEST PROCESSING
• PROCEDE ET DISPOSITIF DE TRAITEMENT DE DEMANDES D'ACCES

(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) **SUGANO, Hiroyasu** [JP/JP]; Fujitsu Limited, 1–1, Kamikodanaka 4–chome, Nakahara–ku, Kawasaki–shi, Kanagawa 211–8588 (JP). **OTANI, Koji** [JP/JP]; Fujitsu Limited, 1–1, Kamikodanaka 4–chome, Nakahara–ku, Kawasaki–shi, Kanagawa 211–8588 (JP). **MITSUOKA, Madoka** [JP/JP]; Fujitsu Limited, 1–1, Kamikodanaka 4–chome, Nakahara–ku, Kawasaki–shi, Kanagawa 211–8588 (JP).

(74) **ONO, Yukio**; Ohtemae Century Building, 5–13, Katamachi 1–chome, Miyakojima–ku, Osaka–shi, Osaka 534–0025 (JP).

(81) JP US; EP (DE FR GB).

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(51)[6] **G06F 15/16, 15/177**

(11) **WO 00/19327** (13) A1

(21) PCT/US99/21977

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) en (26) en

(30) 09/161,609 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHODS AND APPARATUS FOR DYNAMIC INTERNET SERVER SELECTION
• PROCEDES ET DISPOSITIFS DE SELECTION DYNAMIQUE DE SERVEURS DE L'INTERNET

(71) **ACTIONTEC ELECTRONICS, INC.** [US/US]; 760 N. Mary Avenue, Sunnyvale, CA 94086 (US).

(72) **LI, Chuang**; 19884 Charters Avenue, Saratoga, CA 95070 (US). **JENG, Alex, Weihwang**; 3293 Sagewood Lane, San Jose, CA 95132 (US). **MARAVILLAS, Victor**; 1591 46th Avenue, San Francisco, CA 94122 (US). **HO, Chee, Hin**; 7148 Chiala Lane, San Jose, CA 95129 (US).

(74) **PISANO, Nicola, A.** et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

(81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G06F 15/16, 15/173, 7/00, 7/38, 15/00, 9/00, 9/44**

(11) **WO 00/19328** (13) A1

(21) PCT/US99/22549

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/164,244 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • EVENT MANAGEMENT IN A SYSTEM WITH SEPARATE APPLICATION AND GRAPHICAL USER INTERFACE PROCESSING
• GESTION DES EVENEMENTS DANS UN SYSTEME AVEC TRAITEMENT DISTINCT DE L'APPLICATION ET DE L'INTERFACE GRAPHIQUE

(71) **EMRYS SOLUTIONS, INC.** [US/US]; 2025 S. Hughes, Amarillo, TX 79101 (US).

(72) **GIDEON, Carl**; 404 Grant, Wylie, TX 75098 (US).

(74) **HUGHES & LUCE, L.L.P.**; Suite 2800, 1717 Main Street, Dallas, TX 75210 (US).

(81) AU CA JP SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[7] **G06F 15/78, 9/38**

(11) **WO 00/19329** (13) A1

(21) PCT/JP99/05265

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) ja (26) ja

(30) 10/273774 **28 Sep/sep 1998** JP **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INTEGRATED CIRCUIT AND RECORDED MEDIUM ON WHICH DATA ON INTEGRATED CIRCUIT IS RECORDED
• CIRCUIT INTEGRE ET SON SUPPORT D'ENREGISTREMENT

(71) **RORAN CO.** [JP/JP]; 1–4–16, Higashitenma, Kita–ku, Osaka–shi, Osaka 530–0044 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHIGEKI, Kenji** [JP/JP]; Roran Co., 1–4–16, Higashitenma, Kita–ku, Osaka–shi, Osaka 530–0044 (JP).

(74) **ITAYA, Yasuo**; Tokushima Building, 11F, 3–9–10, Minamisenba, Chuo–ku, Osaka–shi, Osaka 542–0081 (JP).

(81) DE GB KR US.

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(51)[7] **G06F 15/80, 13/40**

(11) **WO 00/19330** (13) A1

(21) PCT/US99/19489

(22) **26 Aug/août 1999 (26.08.1999)**

(25) en (26) en

(30) 09/163,233 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • APPARATUS AND METHOD FOR PROCESSING SIGNALS IN A PLURALITY OF DIGITAL SIGNAL PROCESSORS
• UNITE DE TRAITEMENT DE SIGNAUX DANS PLUSIEURS PROCESSEURS DE SIGNAL NUMERIQUE ET PROCEDE AFFERENT

(71) **CISCO TECHNOLOGY, INC.** [US/US]; 170 West Tasman Drive, San Jose, CA 95134 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SANDERS, Kirk** [–/US]; 1576 Danromas Way, San Jose, CA 95129 (US). **GRANDHI, Madhu** [–/US]; 33567 Trinculo Lane, Fremont, CA 94555 (US).

(74) **VINCENT, Lester, J.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025–1026 (US).

(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 EE (Utility model / modèle d'utilité) ES FI 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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 15/80**

(11) **WO 00/19331** (13) A2

(21) PCT/US99/22095

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 09/161,168 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A METHOD AND APPARATUS FOR THE EFFICIENT PROCESSING OF DATA–INTENSITIVE APPLICATIONS
• TRAITEMENT EFFICIENT D'APPLICATIONS EXIGEANTES EN DONNEES ET APPAREIL A CET EFFET

(71) **RAHMAN, Turhan, F.** [IN/US]; 1180 Cushing Circle, #105, St. Paul, MN 55108 (US).

(71, 72) **DRUMMOND, Brian, L.** [GB/GB]; 23 Montgomery Street, Eaglesham, Glasgow G76 0AS (GB).

(74) **BRUESS, Steven, C.**; Merchant & Gould P.C., 3100 Norwest Center, 90 South Seventh Street, Minneapolis, MN 55402–4131 (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 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; 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 00/19332** (13) A2

(21) PCT/US99/21768

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 60/101,781 **25 Sep/sep 1998 (25.09.1998)** US

(30) Not furnished / non communiqué **14 Sep/sep 1999 (14.09.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CHANGING ADVERTISEMENT SIZE IN RESPONSE TO USER INTERACTIONS
• REDIMENSIONNEMENT DES PUBLICITES EN FONCTION DE L'INTERACTION DE L'UTILISATEUR

(71) **NARRATIVE COMMUNICATIONS CORPORATION** [US/US]; 1601 Trapelo Road, Waltham, MA 02451 (US).

(72) **KLIGER, Scott, A.**; 18 Jacob Amsden Road, Westborough, MA 01581 (US).

(74) **WAKIMURA, Mary, Lou** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02421 (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 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; 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)[6] **G06F 17/00**

(11) **WO 00/19333** (13) A1

(21) PCT/US99/22423

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 09/164,445 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INTERACTIVE METHOD FOR OPERATING A COMPUTER TO PERFORM FINANCIAL PROJECTIONS
• PROCEDE INTERACTIF D'EXPLOITATION D'UN ORDINATEUR PERMETTANT D'EFFECTUER DES PROJECTIONS FINANCIERES

(71) **ALIVE, INC.** [US/US]; Suite 6, 17 Lee Street, Cambridge, MA 02139 (US).

(71, 72) **BOSE, Supratik** [US/US]; Unit 6, 17 Lee Street, Cambridge, MA 02139 (US).

(74) **WARD, Calvin, B.**; The Law Offices of Calvin B. Ward, Suite 305, 18 Crow Canyon Court, San Ramon, CA 94383 (US).

(81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G06F 17/27, 17/30**

(11) **WO 00/19334** (13) A1

(21) PCT/US99/22629

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/165,675 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LANGUAGE INDEPENDENT PHRASE EXTRACTION
• EXTRACTION DE PHRASE INDEPENDANTE DU LANGAGE

(71) **PROMPT SOFTWARE, INC.** [US/US]; 4 Commercial Boulevard, Suite 6, Novato, CA 94949 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHANEY, Garnet, R.** [US/US]; 167 San Marin Drive #101, Novato, CA 94945 (US). **RICHARDSON, Robert, F.** [US/US]; 980 Ignacio Boulevard, Apartment #15, Novato, CA 94949 (US).

(74) **MILLIKEN, Darren, J.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (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 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; 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 00/19335** (13) A1

(21) PCT/DE99/02929

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) de (26) de

(30) 198 44 948.8 **30 Sep/sep 1998 (30.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND DEVICE FOR ASSIGNING AN OBJECT TO AT LEAST ONE CLASS
• PROCEDE ET DISPOSITIF PERMETTANT D'AFFECTER UN OBJET A AU MOINS UNE CLASSE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRÜCKNER, Thomas** [DE/DE]; Herzogstandstrasse 24, D–81539 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) US; 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 17/30**

(11) **WO 00/19336** (13) A1

(21) PCT/EP99/06567

(22) **6 Sep/sep 1999 (06.09.1999)**

(25) en (26) en

(30) 9820993.5 **28 Sep/sep 1998 (28.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • WEB BROWSER GRAPHICS MANAGEMENT
• GESTION DES REPRESENTATIONS GRAPHIQUES D'UN EXPLORATEUR WEB

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

(72) **EVES, David, A.**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **TIMMS, Allan, R.**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **WHITE, Andrew, G.**; Internationaal Octroiibureau B.V., Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(81) JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G06F 17/30**

(11) **WO 00/19337** (13) A1

(21) PCT/US98/20355

(22) **30 Sep/sep 1998 (30.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BACKING UP MICROSOFT CLUSTERED DATABASE

• SAUVEGARDE DE BASE DE DONNEES MICROSOFT EN GRAPPE

(71) **HARRIS CORPORATION** [US/US]; 1025 West NASA Boulevard, Melbourne, FL 32919 (US).

(72) **OTT, Michael**; 1312 Gillpepper Lane, Rohnert Park, CA 94928 (US).

(74) **ROGERS, L., Lawton, III** et al. / etc.; Rogers & Killeen, Suite 400, 510 King Street, Alexandria, VA 22314 (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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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)[6] **G06F 17/30**

(11) **WO 00/19338** (13) A1

(21) PCT/US99/22293

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 09/164,183 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • EFFICIENT DIGITAL DATA ENCODING IN A DATA PROCESSING SYSTEM

• CODAGE EFFICIENT DE DONNEES NUMERIQUES DANS UN SYSTEME DE TRAITEMENT DE DONNEES

(71) **N'ABLE TECHNOLOGIES, INC.** [US/US]; 1601 South DeAnza Boulevard, No. 248, Cupertino, CA 95014 (US).

(72) **MURRAY, Eric**; 20638 Black Road, Los Gatos, CA 95033 (US).

(74) **SAWYER, Joseph, A., Jr.** et al. / etc.; Sawyer & Associates, P.O. Box 51418, 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 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; 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, H04L 29/06**

(11) **WO 00/19339** (13) A1

(21) PCT/US99/22326

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 60/102,066 **28 Sep/sep 1998** US **(28.09.1998)**

(30) 09/404,483 **23 Sep/sep 1999** US **(23.09.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SELECTIVE CONNECTION FLOW REDIRECTION FOR TRANSPARENT NETWORK DEVICES

• REACHEMINEMENT DE FLUX PAR CONNEXION SELECTIVE POUR DISPOSITIFS DE RESEAU TRANSPARENTS

(71) **INFOLIBRIA, INC.** [US/US]; 411 Waverly Oaks Road, Waltham, MA 02454 (US).

(72) **AMICANGIOLI, Anthony, D.**; 839 Boylston Street, Newton, MA 02461 (US). **SHAW, Michael, C.**; 232 School Street, Boylston, MA 01505 (US).

(74) **THIBODEAU, David, J., Jr.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02421 (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 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; 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)[6] **G06F 17/30, 3/14**

(11) **WO 00/19340** (13) A1

(21) PCT/US99/22674

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,463 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MULTI–DIMENSIONAL DATA MANAGEMENT SYSTEM

• SYSTEME DE GESTION DE DONNEES MULTIDIMENSIONNELLES

(71) **ASPECT DEVELOPMENT** [US/US]; 1399 Charleston Road, Mountain View, CA 94043 (US).

(72) **ALTHOFF, James**; 736 Linden Avenue, Los Altos, CA 94022 (US).

(74) **LaBARRE, James, A.**; Burns, Doane, Swecker & Mathis L.L.P., P.O. Box 1404, Alexandria, VA 22313–1404 (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 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; 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 00/19341** (13) A2

(21) PCT/US99/22982

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/164,300 **1 Oct/oct 1998** US **(01.10.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DATA COMMUNICATION SYSTEM AND METHOD

• SYSTEME ET PROCEDE DE TRANSMISSION DE DONNEES

(71) **ERICSSON INC.** [US/US]; P.O. Box 13969, 7001 Development Drive, Research Triangle Park, NC 27709 (US).

(72) **KNAPE, Anthony, Brian**; 1217 Lausanne Avenue, Dallas, TX 75208 (US). **MELLONI, Bruno**; 1204 Jabbet Circle, Plano, TX 75025 (US).

(74) **MOORE, Stanley, R.** et al. / etc.; Jenkens & Gilchrist, P.C., Suite 3200, 1445 Ross Avenue, Dallas, TX 75202 (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 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; 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)[6] **G06F 17/30, 17/28**

(11) **WO 00/19342** (13) A1

(21) PCT/US99/09614

(22) **30 Apr/avr 1999 (30.04.1999)**

(25) en (26) en

(30) 60/102,333 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND SYSTEM FOR ALTERNATE INTERNET RESOURCE IDENTIFIERS AND ADDRESSES

• PROCEDE ET SYSTEME POUR IDENTIFICATEURS ET ADRESSES DE RESSOURCES INTERNET ALTERNATIFS

(71, 72) **ABIR, Eli** [IL/US]; P.O. Box 684, 910 Route 35, Cross River, NY 10518 (US).

(74) **ISLAM, Shahan**; Friedman Siegelbaum LLP, Seven Becker Farm Road, Roseland, NJ 07068 (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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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 17/50**

(11) **WO 00/19343** (13) A2

(21) PCT/US99/22984

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,566 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BLOCK BASED DESIGN METHODOLOGY
• METHODOLOGIE DE CONSTRUCTION FONDEE SUR DES BLOCS

(71) **CADENCE DESIGN SYSTEMS, INC.** [US/US]; 555 River Oaks Parkway, San Jose, CA 95314 (US).

(72) **CHANG, Henry**; Apartment # 18, 437 South Mary, Sunnyvale, CA 94086 (US). **COOKE, Larry**; 25399 Spanish Ranch Road, Los Gatos, CA 95033 (US). **HUNT, Merrill**; 2460 Reillview Drive, Escondido, CA 92025 (US). **KE, Wuudiann**; 1086 Hunterston Place, Cupertino, CA 95014 (US). **LENNARD, Christopher, K.**; Apartment # 319–A, 745 South Bernardo Avenue, Sunnyvale, CA 94087 (US). **MARTIN, Grant**; 2424 Raven Road, Pleasanton, CA 94566 (US). **PATERSON, Peter**; 25585 Pacific Hills Drive, Mission Viejo, CA 92692 (US). **TRUONG, Khoan**; 2206 Glenview Drive, Milpitas, CA 95035 (US). **VENKATRAMANI, Kumar**; 19495 Via Real Drive, Saratoga, CA 95070 (US).

(74) **TACHNER, Adam, H.** et al. / etc.; Crosby, Heafey, Roach & May, Suite 1900, 4 Embarcadero Center, San Francisco, CA 94111–4106 (US).

(81) AE 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 ZA ZW; 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 00/19344** (13) A2

(21) PCT/IL99/00507

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) 126364 **25 Sep/sep 1998 (25.09.1998)** IL

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND SYSTEM OF INTERLINKING
• PROCEDE ET SYSTEME D'INTERCONNEXION

(71) **L.I.M.S. (MANAGEMENT SYSTEMS) 1993 LTD.** [IL/IL]; Habarzel Street 31, 69710 Tel Aviv (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRIEDMAN, Chaim** [IL/IL]; Barazany Street 9, 69121 Tel Aviv (IL). **GUTERMAN, Eyal** [IL/IL]; Shoham Street 29, 60190 Neve Monoson (IL).

(74) **REINHOLD COHN AND PARTNERS**; P.O. Box 4060, 61040 Tel–Aviv (IL).

(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 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; 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 00/19345** (13) A1

(21) PCT/US99/22005

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) en (26) en

(30) 60/102,374 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR INITIATING WORKFLOWS IN AN AUTOMATED ORGANIZATION MANAGEMENT SYSTEM
• PROCEDE DE DEMARRAGE DE FLUX DE TRAVAUX DANS UN SYSTEME DE GESTION AUTOMATIQUE D'ORGANISATIONS

(71) **ELECTRONIC DATA SYSTEMS CORPORATION** [US/US]; 5400 Legacy Drive, M/S H3–3A–O5, Plano, TX 75024 (US).

(72) **ROSENTHAL, Kathryn, A.**; 1804 USA Drive, Plano, TX 75025 (US). **CVILIC, Sebastien**; 20 rue E. Solvay, B–1050 Brussels (BE).

(74) **GRIEBENOW, L., Joy**; Electronic Data Systems Corporation, 5400 Legacy Drive, M/S H3–3A–05, Plano, TX 75024 (US).

(81) ; 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 00/19346** (13) A1

(21) PCT/US99/22017

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 09/160,970 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AGGREGATING AND POOLING INFORMATION IN A COMMUNICATION SYSTEM WITH FEEDBACK
• GROUPEMENT ET CENTRALISATION D'INFORMATIONS DANS UN SYSTEME DE COMMUNICATION A RETOUR D'INFORMATIONS

(71) **HEALTH HERO NETWORK, INC.** [US/US]; Suite 111, 2570 West El Camino Real, Mountain View, CA 94040 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BROWN, Stephen, J.** [–/US]; 3324 Woodside Road, Woodside, CA 94062 (US).

(74) **GRAHAM, Lawrence, D.**; Black Lowe & Graham, PLLC, 816 Second Avenue, Seattle, WA 98104 (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; 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)[6] **G06F 17/60, 15/00, 17/00**

(11) **WO 00/19347** (13) A1

(21) PCT/US99/22073

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 09/163,752 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND APPARATUS FOR DETERMINING AN ARRANGEMENT OF COMPONENTS
• DETERMINATION D'UN AGENCEMENT DE COMPOSANTS ET DISPOSITIF A CET EFFET

(71) **TRILOGY DEVELOPMENT GROUP, INC.** [US/US]; Suite 130, 6034 W. Courtyard Drive, Austin, TX 78730 (US).

(72) **WAUGH, Lawrence**; 4325 Lakeway Boulevard, Austin, TX 78734 (US). **CLANCY, Daniel**; 1507 Oxford Avenue, Austin, TX 78704 (US).

(74) **HECKER, Gary, A.** et al. / etc.; Hecker & Harriman, Suite 2300, 1925 Century Park East, Los Angeles, CA 90067 (US).

(81) AU BR CA JP NO; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G06F 17/60**

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(21) PCT/US99/22169

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/160,748 **25 Sep/sep 1998 (25.09.1998)** US

(30) 09/220,414 **23 Dec/déc 1998 (23.12.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD OF AND SYSTEM FOR DISTRIBUTING AND REDEEMING ELECTRONIC COUPONS
• PROCEDE ET SYSTEME DE DISTRIBUTION ET D'ECHANGE DE COUPONS ELECTRONIQUES

(71) **ONECLIP.COM, INCORPORATED** [US/US]; Chelsea Market, 3rd floor, 75 Ninth Avenue, New York, NY 10011 (US).

(72) **LAOR, Raviv**; 320 East 93rd Street, New York, NY 10128 (US).

(74) **LAPPIN, Mark, G.** et al. / etc.; Lappin & Kusmer LLP, 200 State Street, Boston, MA 02109 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC 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; 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)[6] **G06F 19/00 // 157:00**

(11) **WO 00/19349** (13) A1

(21) PCT/JP99/01151

(22) **10 Mar/mar 1999 (10.03.1999)**

(25) ja (26) ja

(30) 10/277014 **30 Sep/sep 1998 (30.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IC CARD PROCESSOR
• PROCESSEUR DE CARTE A CIRCUIT INTEGRE

(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) **NIWATA, Tsuyoshi** [JP/JP]; Fujitsu Limited, 1–1, Kamikodanaka 4–chome, Nakahara–ku, Kawasaki–shi, Kanagawa 211–8588 (JP). **ONO, Akiko** [JP/JP]; Fujitsu Limited, 1–1, Kamikodanaka 4–chome, Nakahara–ku, Kawasaki–shi, Kanagawa 211–8588 (JP). **HASHIMOTO, Shigeru** [JP/JP]; Fujitsu Limited, 1–1, Kamikodanaka 4–chome, Nakahara–ku, Kawasaki–shi, Kanagawa 211–8588 (JP).

(74) **SAKAI, Hiroaki**; Tokyo Club Building, 2–6, Kasumigaseki 3–chome, Chiyoda–ku, Tokyo 100–0013 (JP).

(81) US; EP (FR).

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(51)[6] **G06F 19/00**

(11) **WO 00/19350** (13) A1

(21) PCT/US99/22971

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/164,204 **30 Sep/sep 1998 (30.09.1998)** US

(30) 09/261,275 **2 Mar/mar 1999 (02.03.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SELF ORGANIZING INDUSTRIAL CONTROL SYSTEM USING BIDDING
• SYSTEME DE CONTROLE DE PROCESSUS INDUSTRIEL AUTO–ORGANISATEUR EMPLOYANT UN PROCESSUS DE SOUMISSIONS

(71) **ALLEN–BRADLEY COMPANY, LLC** [US/US]; 1201 South Second Street, P.O. Box 2086, Milwaukee, WI 53201–2086 (US).

(72) **VASKO, David, Alan**; 9480 Woodview Drive, Macedonia, OH 44056 (US). **MATURANA, Francisco, Paul**; 9953 Darrow Park Drive, 123–H, Twinsburg, OH 44087 (US). **HERR, Rebecca, Jean**; 10162 Dayflower Drive, Twinsburg, OH 44087 (US). **VANDENBERG, Stephen, John**; 2/254 The Esplanade, Speers Point, NSW 2284 (AU). **CHENG, Jeffrey, Kian, Chee**; Unit 1, 17 Bramwell Close, Endeavour Hills, VIC 3802 (AU).

(74) **HORN, John, J.**; Rockwell Automation, 8–T29, 1201 South Second Street, Milwaukee, WI 53201–2496 (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 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; 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)[6] **G06F 153/02**

(11) **WO 00/19351** (13) A1

(21) PCT/US99/22659

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,377 **29 Sep/sep 1998 (29.09.1998)** US

(30) 09/406,869 **28 Sep/sep 1999 (28.09.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MAKING A RESERVATION OVER THE INTERNET WHERE THE USER IS CONNECTED TO A DESTINATION BASED TRAVEL AGENT
• RESERVATION VIA INTERNET PAR CONNEXION AVEC UN AGENT DE VOYAGE EN FONCTION DE LA DESTINATION

(71, 72) **ISAACSON, L., Robert** [US/US]; 109 East 48th Street, Savannah, GA 31405 (US). **KATZ, Frank** [US/US]; 229 Groveland Circle, Savannah, GA 31405 (US). **KAHN, David** [US/US]; 1113 Herb River Drive, Savannah, GA 31406 (US).

(74) **QUALEY, M., Paul**; Thomas, Kayden, Horstemeyer & Risley, LLP, 100 Galleria Parkway, Suite 1500, Atlanta, GA 30339 (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 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; 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] **G06K 7/00, 19/07**

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(21) PCT/DE99/03099

(22) **25 Sep/sep 1999 (25.09.1999)**

(25) de (26) de

(30) 198 44 499.0 **29 Sep/sep 1998 (29.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CHIP CARD, WRITE/READ DEVICE FOR SAID CHIP CARD AND METHOD FOR OPERATING THE SAME
• CARTE A PUCE, APPAREIL D'ECRITURE/DE LECTURE POUR LADITE CARTE A PUCE ET PROCEDE POUR LES ACTIONNER

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D–70442 Stuttgart (DE).

(72) **WEBER, Klaus**; Zum Schneckenbuehl 19, D–71522 Backnang (DE).

(81) KR; 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 7/00, 19/07**

(11) **WO 00/19353** (13) A1

(21) PCT/EP99/07459

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) de (26) de

(30) 198 45 022.2 **30 Sep/sep 1998 (30.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DATA CARRIER
• SUPPORT DE DONNEES

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL–5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)

(71) **PHILIPS CORPORATE INTELLECTUAL PROPERTY GMBH** [DE/DE]; Habsburgerallee 11, D–52064 Aachen (DE).
(only for / seulement pour DE)

(72, 75) **TIMM, Volker** [DE/NL]; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **MALZAHN, Ralf** [DE/NL]; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **EBER, Wolfgang** [AT/NL]; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **BERGER, Dominik** [AT/NL]; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **KESSELS, Jozef, L., W.** [NL/NL]; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **KRAMER, Torsten** [DE/NL]; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **PETERS, Carl, H.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G06K 7/00**

(11) **WO 00/19354** (13) A1

(21) PCT/JP99/00583

(22) **10 Feb/fév 1999 (10.02.1999)**

(25) ja (26) ja

(30) 10/273250 **28 Sep/sep 1998 (28.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BAR CODE READER AND BAR CODE READING METHOD
• LECTEUR DE CODES A BARRES ET PROCEDE DE LECTURE DE CODE A BARRES

(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) **WATANABE, Mitsuo** [JP/JP]; Fujitsu Limited, 1–1, Kamikodanaka 4–chome, Nakahara–ku, Kawasaki–shi, Kanagawa 211–8588 (JP). **ITOH, Motohiko** [JP/JP]; Fujitsu Limited, 1–1, Kamikodanaka 4–chome, Nakahara–ku, Kawasaki–shi, Kanagawa 211–8588 (JP). **KAWAI, Hiroaki** [JP/JP]; Fujitsu Limited, 1–1, Kamikodanaka 4–chome, Nakahara–ku, Kawasaki–shi, Kanagawa 211–8588 (JP). **IWAGUCHI, Isao** [JP/JP]; Fujitsu Limited, 1–1, Kamikodanaka 4–chome, Nakahara–ku, Kawasaki–shi, Kanagawa 211–8588 (JP).

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

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

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(51)[6] **G06K 7/10**

(11) **WO 00/19355** (13) A1

(21) PCT/JP99/00483

(22) **4 Feb/fév 1999 (04.02.1999)**

(25) ja (26) ja

(30) 10/273249 **28 Sep/sep 1998 (28.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BAR WIDTH CORRECTING DEVICE, BAR WIDTH CORRECTING METHOD, BAR CODE READER, AND BAR CODE DECODING METHOD
• DISPOSITIF ET PROCEDE DE CORRECTION DE LA LARGEUR DE BARRE, LECTEUR DE CODE A BARRES ET PROCEDE DE DECODAGE DE CODE A BARRES

(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) **WATANABE, Mitsuo** [JP/JP]; Fujitsu Limited, 1–1, Kamikodanaka 4–chome, Nakahara–ku, Kawasaki–shi, Kanagawa 211–8588 (JP). **ITOH, Motohiko** [JP/JP]; Fujitsu Limited, 1–1, Kamikodanaka 4–chome, Nakahara–ku, Kawasaki–shi, Kanagawa 211–8588 (JP). **KAWAI, Hiroaki** [JP/JP]; Fujitsu Limited, 1–1, Kamikodanaka 4–chome, Nakahara–ku, Kawasaki–shi, Kanagawa 211–8588 (JP). **IWAGUCHI, Isao** [JP/JP]; Fujitsu Limited, 1–1, Kamikodanaka 4–chome, Nakahara–ku, Kawasaki–shi, Kanagawa 211–8588 (JP).

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

(81) US; 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 9/00**

(11) **WO 00/19356** (13) A1

(21) PCT/DE99/02728

(22) **1 Sep/sep 1999 (01.09.1999)**

(25) de (26) de

(30) A 1624/98 **30 Sep/sep 1998 (30.09.1998)** AT

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR AUTOMATIC TRIGGERING OF PATTERN RECOGNITION TASKS
• PROCEDE DE DECLENCHEMENT AUTOMATIQUE DE TACHES DE RECONNAISSANCE DE MOTIFS

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EGGER, Robert** [AT/AT]; Brahms Gasse 22, A–8605 Kapfenberg (AT). **HASELSTEINER, Ernst** [AT/AT]; Körösistrasse 166, A–8010 Graz (AT). **HESCHGL, Kurt** [AT/AT]; Schubertstrasse 26A/EG/3, A–8010 Graz (AT). **HRIBERNIG, Gerd** [AT/AT]; Anton Schwarz Gasse 10, A–8046 Graz (AT). **MARIUS, Wolfgang** [AT/AT]; Am Rehgrund 18, A–8043 Graz (AT). **RAUNEGGER, Arno** [AT/AT]; Berlinerring 45, A–8047 Graz (AT). **WINDISCH, Claudia** [AT/AT]; Köppling 92, A–8565 St. Johann (AT).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CN IN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G06K 9/00**

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(21) PCT/US99/22409

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 60/102,147 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FIRST–ORDER AUTHENTICATION SYSTEM
• SYSTEME D'AUTHENTIFICATION DE PREMIER ORDRE

(71) **ANGSTROM TECHNOLOGIES, INC.** [US/US]; Suite 110, 1895 Airport Exchange Boulevard, Erlanger, KY 41018 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **LIANG, Louis, H.** [US/US]; 10601 Creston Drive, Los Altos, CA 94024–7420 (US).

(74) **TOUW, Theodore, R.**; 4 Forest Lane, Westford, VT 05494 (US).

(81) AU CA JP US; 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 9/32**

(11) **WO 00/19358** (13) A1

(21) PCT/EP99/06842

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) de (26) de

(30) A 1623/98 **30 Sep/sep 1998** AT **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR DETERMINING THE POSITION OF TEXT LINES IN TEXT RECOGNITION TASKS
• PROCEDE DE DETERMINATION DE LA POSITION DE LIGNES DE TEXTE LORS D'UNE RECONNAISSANCE DE FORMES

(71) **SIEMENS AKTIENGESELLSCHAFT ÖSTERREICH** [AT/AT]; Siemensstrasse 88–92, A–1211 Wien (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AIGNER, Walter** [AT/AT]; Schweizersberg 18, A–4575 Rossleithen (AT). **ZAGLER, Bertram** [AT/AT]; Krottendorferstrasse 90/3/28, A–8052 Graz (AT).

(74) **PEHAM, Alois**; Siemens AG, Postfach 22 16 34, D–80506 München (DE).

(81) CA MX US; 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 9/34**

(11) **WO 00/19359** (13) A1

(21) PCT/EP99/06841

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) de (26) de

(30) A 1625/98 **30 Sep/sep 1998** AT **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR CHARACTER SPACING IN TEXT RECOGNITION TASKS
• PROCEDE DE DECOUPAGE DE CARACTERES LORS D'OPERATION DE DECOUPAGE DE TEXTES

(71) **SIEMENS AKTIENGESELLSCHAFT ÖSTERREICH** [AT/AT]; Siemensstrasse 88–92, A–1211 Wien (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AIGNER, Walter** [AT/AT]; Schweizersberg 18, A–4575 Rossleithen (AT). **ZAGLER, Bertram** [AT/AT]; Krottendorferstrasse 90/3/28, A–8052 Graz (AT).

(74) **PEHAM, Alois**; Siemens AG, Postfach 22 16 34, D–80506 München (DE).

(81) CA MX US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G06K 17/00**

(11) **WO 00/19360** (13) A1

(21) PCT/JP99/00748

(22) **19 Feb/fév 1999 (19.02.1999)**

(25) ja (26) ja

(30) 10/277012 **30 Sep/sep 1998** JP **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IC CARD PROCESSING APPARATUS
• APPAREIL DE TRAITEMENT DE CARTE A CIRCUIT INTEGRE

(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) **NIWATA, Tsuyoshi** [JP/JP]; Fujitsu Limited, 1–1, Kamikodanaka 4–chome, Nakahara–ku, Kawasaki–shi, Kanagawa 211–8588 (JP). **HASHIMOTO, Shigeru** [JP/JP]; Fujitsu Limited, 1–1, Kamikodanaka 4–chome, Nakahara–ku, Kawasaki–shi, Kanagawa 211–8588 (JP).

(74) **SAKAI, Hiroaki**; Tokyo Club Building, 2–6, Kasumigaseki 3–chome, Chiyoda–ku, Tokyo 100–0013 (JP).

(81) CN KR US; 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 17/00, G06F 19/00, G07F 19/00**

(11) **WO 00/19361** (13) A1

(21) PCT/JP99/00749

(22) **19 Feb/fév 1999 (19.02.1999)**

(25) ja (26) ja

(30) 10/277013 **30 Sep/sep 1998** JP **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IC CARD PROCESSOR
• PROCESSEUR DE CARTE A CIRCUIT INTEGRE

(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) **NIWATA, Tsuyoshi** [JP/JP]; Fujitsu Limited, 1–1, Kamikodanaka 4–chome, Nakahara–ku, Kawasaki–shi, Kanagawa 211–8588 (JP). **ONO, Akiko** [JP/JP]; Fujitsu Limited, 1–1, Kamikodanaka 4–chome, Nakahara–ku, Kawasaki–shi, Kanagawa 211–8588 (JP). **HASHIMOTO, Shigeru** [JP/JP]; Fujitsu Limited, 1–1, Kamikodanaka 4–chome, Nakahara–ku, Kawasaki–shi, Kanagawa 211–8588 (JP).

(74) **SAKAI, Hiroaki**; Tokyo Club Building, 2–6, Kasumigaseki 3–chome, Chiyoda–ku, Tokyo 100–0013 (JP).

(81) CN KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G06K 19/00**

(11) **WO 00/19362** (13) A1

(21) PCT/JP99/03559

(22) **1 Jul/juil 1999 (01.07.1999)**

(25) ja (26) ja

(30) 10/273475 **28 Sep/sep 1998** JP **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IC CARD AND IC CARD ANTENNA AND ANTENNA FRAME
• CARTE A CIRCUIT INTEGRE, ANTENNE DOTEE D'UNE CARTE A CIRCUIT INTEGRE ET BATI D'ANTENNE

(71) **SHINKO ELECTRIC INDUSTRIES CO., LTD.** [JP/JP]; 711, Aza Shariden, Oaza Kurita, Nagano–shi, Nagano 380–0921 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KASAHARA, Tetsuichiro** [JP/JP]; Shinko Electric Industries Co., Ltd., 711, Aza Shariden, Oaza Kurita, Nagano–shi, Nagano 380–0921 (JP). **TSUKIOKA, Hirokazu** [JP/JP]; Shinko Electric Industries Co., Ltd., 711, Aza Shariden, Oaza Kurita, Nagano–shi, Nagano 380–0921 (JP). **HANIUDA, Hirofumi** [JP/JP]; Shinko Electric Industries Co., Ltd., 711, Aza Shariden, Oaza Kurita, Nagano–shi, Nagano 380–0921 (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 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 KE KG 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **G06K 19/07**

(11) **WO 00/19363** (13) A1

(21) PCT/CA99/00887

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/160,501 **24 Sep/sep 1998** US **(24.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PERSONAL COMPUTER CARD POWER MANAGEMENT SYSTEM
• SYSTEME DE GESTION DE L'ALIMENTATION DES CARTES D'ORDINATEUR PERSONNEL

(71) **SIERRA WIRELESS, INC.** [CA/CA]; Suite 150, 13575 Commerce Parkway, Richmond, British Columbia V6V 2L1 (CA).

(72) **MILLER, Bruce**; 3242 Samuels Court, Coquitlam, British Columbia V3E 1C8 (CA).

(74) **VERMETTE & CO.**; Box 40, 230–200 Granville Street, Granville Square, Vancouver, British Columbia V6C 1S4 (CA).

(81) AU BR CA CN JP KR; 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, 7/00**

(11) **WO 00/19364** (13) A1

(21) PCT/CA99/00888

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/160,498 **24 Sep/sep 1998 (24.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SMART PERSONAL COMPUTER CARD BATTERY PACK
• BATTERIE D'ALIMENTATION INTELLIGENTE POUR CARTE D'ORDINATEUR PERSONNEL

(71) **SIERRA WIRELESS, INC.** [CA/CA]; Suite 150, 13575 Commerce Parkway, Richmond, British Columbia V6V 2L1 (CA).

(72) **MILLER, Bruce**; 3242 Samuels Court, Coquitlam, British Columbia V3E 1C8 (CA).

(74) **VERMETTE & CO.**; Granville Square, 230 – 200 Granville Street, P.O. Box 40, Vancouver, British Columbia V6C 1S4 (CA).

(81) CA; 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, G07C 9/00**

(11) **WO 00/19365** (13) A1

(21) PCT/US99/21663

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 10/275513 **29 Sep/sep 1998 (29.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INFORMATION CARD AND INFORMATION CARD SYSTEM
• CARTE PORTEUSE D'INFORMATIONS ET SYSTEME A CARTE PORTEUSE D'INFORMATIONS

(71) **ASA SYSTEMS, INC.** [JP/JP]; 3–3 Nakahara–Shinmachi, Tobata, Kitakyushi, Fukuoka 804–0003 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **KAWAGUCHI, Eiji** [JP/JP]; 8–21–2 Hinosato, Munakata, Fukuoka 811–3425 (JP). **EASON, Richard** [US/US]; 595 Forest Avenue, Orono, ME 04473 (US).

(72, 75) **TSUDA, Kunihiro** [JP/JP]; ASA Systems, Inc., 3–3 Nakahara–Shinmachi, Tobata, Kitakyushu, Fukuoka 804–0003 (JP).

(74) **PERSSON, Michael** et al. / etc.; Law Offices of William B. Ritchie, 72 N. Main Street, Concord, NH 03301 (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 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; 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] **G06K 19/073, 19/07**

(11) **WO 00/19366** (13) A1

(21) PCT/EP99/07018

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) de (26) de

(30) 198 45 049.1 **30 Sep/sep 1998 (30.09.1998)** DE

(30) 199 36 919.4 **5 Aug/août 1999 (05.08.1999)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DATA PROCESSING DEVICE AND METHOD FOR THE VOLTAGE SUPPLY OF SAME
• DISPOSITIF DE TRAITEMENT DE DONNEES ET SON MODE D'ALIMENTATION EN TENSION

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL–5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)

(71) **PHILIPS CORPORATE INTELLECTUAL PROPERTY GMBH** [DE/DE]; Habsburgerallee 11, D–52066 Aachen (DE).
(only for / seulement pour DE)

(72, 75) **FEUSER, Markus** [DE/NL]; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **PETERS, Carl, H.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(81) JP US; 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 19/073**

(11) **WO 00/19367** (13) A1

(21) PCT/EP99/07025

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) de (26) de

(30) 198 44 962.3 **30 Sep/sep 1998 (30.09.1998)** DE

(30) 199 36 938.0 **5 Aug/août 1999 (05.08.1999)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DATA PROCESSING DEVICE AND OPERATING METHOD FOR PREVENTING A DIFFERENTIAL CURRENT CONSUMPTION ANALYSIS
• DISPOSITIF DE TRAITEMENT DE DONNEES ET SON MODE DE FONCTIONNEMENT PERMETTANT D'EMPECHER UNE ANALYSE DIFFERENTIELLE DE LA CONSOMMATION DE COURANT

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL–5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)

(71) **PHILIPS CORPORATE INTELLECTUAL PROPERTY GMBH** [DE/DE]; Habsburgerallee 11, D–52066 Aachen (DE).
(only for / seulement pour DE)

(72, 75) **FEUSER, Markus** [DE/NL]; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **PETERS, Carl, H.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(81) JP KR US; 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 19/077**

(11) **WO 00/19368** (13) A1

(21) PCT/FR99/02296

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) fr (26) fr

(30) 98/12174 **29 Sep/sep 1998 (29.09.1998)** FR

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CARD WITH DETACHABLE MODULE
• CARTE A MODULE SECABLE

(71) **SCHLUMBERGER SYSTEMES** [FR/FR]; 50, avenue Jean Jaurès, F–92120 Montrouge (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEIBENGUTH, Joseph** [FR/FR]; 72, rue Royale, F–92210 Saint Cloud (FR). **ROUSSEL, François** [FR/FR]; 147, rue du Chevaleret, F–75013 Paris (FR).

(74) **MACQUET, Christophe**; Schlumberger Systèmes, Test & Transactions, 50, avenue Jean Jaurès, Boîte postale 620–12, F–92542 Montrouge Cedex (FR).

(81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G06N 7/08**

(11) **WO 00/19369** (13) A1

(21) PCT/US99/22917

(22) **1 Oct/oct 1999 (01.10.1999)**

(25) en (26) en

(30) 60/102,685 **1 Oct/oct 1998 (01.10.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AUTOMATIC EVOLUTION OF MIXED ANALOG AND DIGITAL ELECTRONIC CIRCUITS

• MISE AU POINT AUTOMATIQUE DE CIRCUITS ELECTRONIQUES MIXTES ANALOGIQUES ET NUMERIQUES

(71) **BIOS GROUP LP** [US/US]; 317 Paseo de Peralta, Santa Fe, NM 87501 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HERRIOT, James, W.** [US/US]; 317 Paseo de Peralta, Santa Fe, NM 87501 (US). **KAUFFMAN, Stuart, A.** [US/US]; 15 Montecito Road, Santa Fe, NM 87501 (US).

(74) **MORRIS, Francis, E.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (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; 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 1/00, G01B 11/24 // A63F 13/00**

(11) **WO 00/19370** (13) A1

(21) PCT/JP99/05277

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) ja (26) ja

(30) 10/272733 **28 Sep/sep 1998** JP **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INFORMATION RECORDING DEVICE AND METHOD, MEASURING DEVICE AND METHOD, INFORMATION PROCESSING DEVICE AND METHOD, INFORMATION PROCESSING SYSTEM, AND INFORMATION PROVIDING MEDIUM
• DISPOSITIF ET PROCEDE D'ENREGISTREMENT DE DONNEES, DE MESURE, DE TRAITEMENT DE DONNEES, SYSTEME DE TRAITEMENT DE DONNEES ET SUPPORT 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) **YOSHIGAHARA, Takayuki** [JP/JP]; Sony Corporation, 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141–0001 (JP). **KOBAYASHI, Seiji** [JP/JP]; Sony Corporation, 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141–0001 (JP). **SEGAWA, Hiroyuki** [JP/JP]; Sony Corporation, 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141–0001 (JP).

(74) **TANABE, Shigemoto**; Green–Fantasia Building, 5th Floor, 11–11–508, Jingumae 1–chome, Shibuya–ku, Tokyo 150–0001 (JP).

(81) CN KR US; EP (DE FR GB).

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(51)[7] **G06T 1/20**

(11) **WO 00/19371** (13) A1

(21) PCT/US99/22096

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 60/101,779 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A METHOD AND APPARATUS FOR PERFORMING IMAGE PROCESSING ON SEISMIC DATA
• TRAITEMENT D'IMAGE SUR DES DONNEES SISMIQUES ET DISPOSITIF A CET EFFET

(71, 72) **DRUMMOND, Brian, L.** [GB/GB]; 23 Montgomery Street Eaglesham, Glasgow G76 0AS (GB). **RAHMAN, Turhan, F.** [IN/US]; 1180 Cushing Circle #105, St. Paul, MN 55108 (US).

(74) **DAIGNAULT, Ronald, A.**; Merchant & Gould P.C. 3100 Norwest Center, 90 South Seventh Street, Minneapolis, MN 55402–4131 (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 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; 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)[6] **G06T 5/30**

(11) **WO 00/19372** (13) A1

(21) PCT/IL98/00477

(22) **28 Sep/sep 1998 (28.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PIXEL CODING AND IMAGE PROCESSING METHOD
• PROCEDE DE CODAGE DE PIXELS ET DE TRAITEMENT D'IMAGES

(71) **ORBOTECH LTD.** [IL/IL]; P.O. Box 215, 81102 Yavne (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAVARIEGO, Nissim** [IL/IL]; Hanavi Yeshayahu Street 20, 77478 Ashdod (Area 10) (IL). **SHALOM, Danny** [IL/IL]; Katznelson Street 35, 75217 Rishon Letzion (IL).

(74) **FENSTER, Paul** et al. / etc.; Fenster & Company Patent Attorneys, Ltd., P.O. Box 10256, 49002 Petach Tikva (IL).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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 9/00**

(11) **WO 00/19373** (13) A1

(21) PCT/DE99/02763

(22) **1 Sep/sep 1999 (01.09.1999)**

(25) de (26) de

(30) 198 44 664.0 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND ARRAY FOR PROCESSING A DIGITIZED IMAGE WITH IMAGE POINTS
• PROCEDE ET SYSTEME DE TRAITEMENT D'UNE IMAGE NUMERISEE DOTEE DE POINTS D'IMAGES

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PANDEL, Jürgen** [DE/DE]; Schloßweg 17A, D–83620 Feldkirchen–Westerham (DE). **BÄSE, Gero** [DE/DE]; Arno–Assmann–Strasse 9, D–81739 München (DE). **OERTEL, Norbert** [DE/DE]; Kreittmayrstr. 30, D–80335 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) BR CA CN JP KR RU US; 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] **G06T 9/00**

(11) **WO 00/19374** (13) A1

(21) PCT/US99/18630

(22) **17 Aug/août 1999 (17.08.1999)**

(25) en (26) en

(30) 09/162,244 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • COMPRESSING AND DECOMPRESSING IMAGE DATA WITH 4–LEVEL BLOCK CODING
• COMPRESSION ET DECOMPRESSION DE DONNEES D'IMAGES AVEC

UN CODAGE PAR BLOCS A QUATRE NIVEAUX

(71) **SILICON GRAPHICS, INC.** [US/US]; 1600 Amphitheatre Parkway, Mountain View, CA 94043–1351 (US).

(72) **DREBIN, Robert, A.**; 1100 Cedar Street, Palo Alto, CA 94301 (US). **WANG, David**; 45742 Stanford Court, Fremont, CA 94539 (US). **MIGDAL, Christopher, J.**; 603 Tami Way, Mountain View, CA 94041 (US).

(74) **GALLENSON, Mavis, S.** et al. / etc.; Ladas & Parry, Suite 2100, 5670 Wilshire Boulevard, Los Angeles, CA 90036–5679 (US).

(81) JP; 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] **G06T 9/20**

(11) **WO 00/19375** (13) A1

(21) PCT/EP99/07027

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 98402395.2 **29 Sep/sep 1998 (29.09.1998)** EP

(30) 99400436.4 **23 Feb/fév 1999 (23.02.1999)** EP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PARTITION CODING METHOD AND DEVICE
• TECHNIQUE ET DISPOSITIF DE CODAGE DE SUBDIVISIONS

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

(72) **MARQUES, Ferran**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **GOMILA, Cristina**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **GASULL, Antoni**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **LANDOUSY, Christian**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(81) JP KR; 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] **G06T 9/20**

(11) **WO 00/19376** (13) A1

(21) PCT/EP99/07458

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 98402395.2 **29 Sep/sep 1998 (29.09.1998)** EP

(30) 99401761.4 **13 Jul/juil 1999 (13.07.1999)** EP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PARTITION DECODING METHOD AND DEVICE
• PROCEDE ET DISPOSITIF DE DECODAGE DE SEGMENTATION

(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) **MARQUES, Ferran** [ES/NL]; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **GOMILA, Cristina** [ES/NL]; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **GASULL, Antoni** [ES/NL]; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **LANDOUSY, Christian**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G06T 15/00, 17/00, 11/40, 11/00**

(11) **WO 00/19377** (13) A1

(21) PCT/US99/19254

(22) **20 Aug/août 1999 (20.08.1999)**

(25) en (26) en

(30) 60/097,336 **20 Aug/août 1998 (20.08.1998)** US

(30) 09/213,990 **17 Dec/déc 1998 (17.12.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • GRAPHICS PROCESSOR WITH DEFERRED SHADING
• PROCESSEUR GRAPHIQUE A OMBRAGE DIFFERE

(71) **RAYCER, INC.** [US/US]; 2585 East Bayshore Road, Palo Alto, CA 94303 (US).

(72) **DULUK, Jerome, F., Jr.**; 950 North California Avenue, Palo Alto, CA 94303 (US). **HESSEL, Richard, E.**; 3225 Flemington Court, Pleasanton, CA 94588 (US). **ARNOLD, Vaughn, T.**; 621 Canepa Drive, Scotts Valley, CA 95066 (US). **BENKUAL, Jack**; 11661 Timber Spring Court, Cupertino, CA 95014 (US). **BRATT, Joseph, P.**; 1045 Oaktree Drive, San Jose, CA 95129 (US). **CUAN, George**; 798 Lusterleaf Drive, Sunnyvale, CA 94086 (US). **DODGEN, Steven, L.**; 15735 Forest Hill Drive, Boulder Creek, CA 95006 (US). **FANG, Emerson, S.**; 1197 Wisteria Drive, Fremont, CA 94539 (US). **GONG, Zhaoyu, G.**; 1342 S. Stelling Road, Cupertino, CA 95014 (US). **HO, Thomas, Y.**; 40732 Ondina Place, Fremont, CA 94539 (US). **HSU, Hengwei**; 4209 Canfield Drive, Fremont, CA 94536 (US). **LI, Sidong**; 5598 LeFevre Drive, San Jose, CA 95118 (US). **NG, Sam**; 34377 Maybird Circle, Fremont, CA 94555 (US). **PAPAKIPOS, Matthew, N.**; 1701 Oak Avenue, Menlo Park, CA 94025 (US). **REDGRAVE, Jason, R.**; 278 Martens Avenue, Mountain View, CA 95040 (US). **TRIVEDI, Sushma, S.**; 1208 Rembrandt Drive, Sunnyvale, CA 94087 (US). **TUCK, Nathan, D.**; 8666 Somerset Avenue, San Diego, CA 92123 (US).

(74) **ANANIAN, R., Michael** et al. / etc.; Flehr, Hohbach, Test, Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111–4187 (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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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 : *(c)*

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(51)[6] **G06T 15/40, 15/70**

(11) **WO 00/19378** (13) A1

(21) PCT/US99/07113

(22) **31 Mar/mar 1999 (31.03.1999)**

(25) en (26) en

(30) 09/164,003 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SYSTEM AND METHOD FOR ADJUSTING PIXEL PARAMETERS BY SUBPIXEL POSITIONING
• SYSTEME ET PROCEDE D'AJUSTEMENT DES PARAMETRES DE PIXELS PAR POSITIONNEMENT DE SOUS–PIXELS

(71) **WEBTV NETWORKS, INC.** [US/US]; 1250 Charleston Avenue, Mountain View, CA 94043 (US).

(72) **BAKER, Nicholas, R.**; 20697 Sunrise Drive, Cupertino, CA 95014 (US). **MALAMY, Adam**; 961 Pizarro Lane, Foster City, CA 94404 (US). **SFARTI, Adrian**; 1235 Wildwood Avenue, #350, Sunnyvale, CA 94089 (US). **PATERNOSTER, Paul**; 12590 Miraloma Way, Los Altos Hills, CA 94024 (US). **PARTHASARATHY, Padma**; 34519 Felix Terrace, Fremont, CA 94555 (US).

(74) **NYDEGGER, Rick, D.** et al. / etc.; Workman, Nydegger & Seeley, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84095 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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 15/50**

(11) **WO 00/19379** (13) A1

(21) PCT/GB99/03229

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 9821139.4 **29 Sep/sep 1998 (29.09.1998)** GB

(30) 9915838.8 **6 Jul/juil 1999 (06.07.1999)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ENERGY PROPAGATION MODELLING APPARATUS
• APPAREIL DE MODELISATION DE PROPAGATION D'ENERGIE

(71) **UNIVERSITY COLLEGE LONDON** [GB/GB]; Gower Street, London WC1E 6BT (GB).
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(72, 75) **SLATER, Mel** [GB/GB]; 2 Arlington Gardens, Ilford, Essex IG1 3HH (GB).

(74) **BERESFORD, Keith, Denis, Lewis** et al. / etc.; Beresford & Co., 2–5 Warwick Court, High Holborn, London WC1R 5DJ (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 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; 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 17/20**

(11) **WO 00/19380** (13) A1

(21) PCT/US99/22194

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/163,075 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MODELING AT MORE THAN ONE LEVEL OF RESOLUTION
• MODELISATION A PLUS D'UN NIVEAU DE RESOLUTION

(71) **SCHLUMBERGER LIMITED** [NL/US]; 277 Park Avenue, New York, NY 10172 (US).
(only for / seulement pour GB)

(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 GA GN GW 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 DE DK ES ID IE IT KG 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]; P.O. Box 71, Craigmuir Chambers, Road Town, Tortola (VG).
(for all designated States except / pour tous les États désignés sauf AM AT AU AZ BF BJ BR BY CA CF CG CI CM CN DE DK ES FR GA GB GN GW ID IE IT KG KR KZ MD ML MR MX NE NO NZ RU SN TD TG TJ TM ZA)

(71) **SCHLUMBERGER OVERSEAS S.A.** [PA/PA]; No. 8 Calle Aquilino de la Guardia, Panama City (PA).
(only for / seulement pour CN)

(72) **ASSA, Steven, B.**; The Crescent 8, Storeys Way, Cambridge, Cambridgeshire CB3 0AZ (GB). **HAMMERSLEY, Richard, P.**; 3625 Duval Road, Number 1232, Austin, TX 78759 (US). **LU, Hong–Qian**; 6401 Deer Hollow Lane, Austin, TX 78750 (US).

(74) **JANSSON, Pehr, B.**; Schlumberger Austin Product Center, Intellectual Property Law Department, 8311 North FM 620 Road, P.O. Box 200015, Austin, TX 78720–0015 (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 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; 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 17/50**

(11) **WO 00/19381** (13) A1

(21) PCT/US99/22375

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/162,489 **28 Sep/sep 1998 (28.09.1998)** US

(30) 09/162,592 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MATE INFERENCING SYSTEM
• SYSTEME DE PRODUCTION D'INFERENCES D'ASSEMBLAGE

(71) **SOLIDWORKS CORPORATION** [US/US]; 15 Baker Avenue Extension, Concord, MA 01742 (US).

(72) **ZUFFANTE, Robert, P.**; 613 Annursnac Hill Road, Concord, MA 01742 (US). **HIRSCHTICK, Jon, K.**; 51 Lowell Street, Lexington, MA 02173 (US). **SHOOV, Boris**; 350 Lake Street, Nashua, NH 03060 (US). **CORCORAN, David**; 5 Franklin Road, Lexington, MA 02173 (US).

(74) **CELLA, Charles, H.** et al. / etc.; Foley, Hoag & Eliot, LLP, One Post Office Square, Boston, MA 02109 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC 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; 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] **G07B 17/02, 17/00**

(11) **WO 00/19382** (13) A1

(21) PCT/US99/22074

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 09/163,993 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ON–LINE POSTAGE SYSTEM
• SYSTÈME D'AFFRANCHISSEMENT EN LIGNE

(71) **STAMPS.COM, INC.** [US/US]; Suite 1040, 3420 Ocean Park Boulevard, Santa Monica, CA 90405 (US).

(72) **ANANDA, Mohan**; 549 Lakeview Canyon Road, Westlake, CA 91362 (US).

(74) **HECKER, Gary, A.** et al. / etc.; Hecker & Harriman, Suite 2300, 1925 Century Park East, Los Angeles, CA 90067 (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 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; 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] **G07C**

(11) **WO 00/19383** (13) A2

(21) PCT/US99/20780

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/151,581 **11 Sep/sep 1998 (11.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • GENERATION AND DETECTION OF INDUCED CURRENT USING ACOUSTIC ENERGY

• PRODUCTION ET DETECTION DE COURANT INDUIT AU MOYEN DE L'ENERGIE ACOUSTIQUE

(71) **LOQUITOR TECHNOLOGIES LLC** [US/US]; Suite 3400, 150 E. 58th Street, New York, NY 10155 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BROOKS, Juliana, H., J.** [US/US]; 5689 Walnut View Boulevard, Columbus, OH 43230 (US).

(74) **SCHWARTZ, Ansel, M.**; 201 N. Craig Street, Suite 304, Pittsburgh, PA 15213 (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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **G07F 7/10**

(11) **WO 00/19384** (13) A1

(21) PCT/EP99/06802

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) de (26) de

(30) 98118499.7 **30 Sep/sep 1998** EP **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CIRCUIT AND METHOD FOR AUTHENTICATING THE CONTENT OF A MEMORY LOCATION
• CIRCUIT ET PROCEDE POUR AUTHENTIFIER LE CONTENU D'UNE ZONE DE MEMORISATION

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GAIL, Markus** [DE/DE]; Elilandstrasse 7, D–81547 München (DE). **POCKRANDT, Wolfgang** [DE/DE]; Ilmstrasse 1, D–85293 Reichertshausen (DE). **WEDEL, Armin** [DE/DE]; Bogenfeldstrasse 1, D–86415 Mering (DE). **HESS, Erwin** [DE/DE]; Gottfried–Keller–Strasse 36, D–85521 Ottobrunn (DE).

(81) BR CN IN JP KR MX RU UA US; 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] **G07F 7/10, G06K 19/073**

(11) **WO 00/19385** (13) A1

(21) PCT/EP99/07023

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) en (26) en

(30) 98890277.1 **30 Sep/sep 1998** EP **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DATA CARRIER DEVICE WITH DATA BUS MEANS WHOSE POWER CONSUMPTION IS INDEPENDENT OF DATA TRANSMITTED VIA THE DATA BUS MEANS
• DISPOSITIF POUR SUPPORT DE DONNEES POURVU D'UN BUS DE DONNEES DONT LA CONSOMMATION ELECTRIQUE N'EST PAS LIEE AUX DONNEES TRANSMISES VIA LE BUS DE DONNEES

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

(72) **POSCH, Stefan**; 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 KR; 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] **G07F 7/10, G06F 1/00, G06K 19/073**

(11) **WO 00/19386** (13) A1

(21) PCT/EP99/07026

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) de (26) de

(30) 198 44 992.5 **30 Sep/sep 1998** DE **(30.09.1998)**

(30) 199 36 939.9 **5 Aug/août 1999** DE **(05.08.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DATA PROCESSING DEVICE AND METHOD FOR OPERATING SAME WHICH PREVENTS A DIFFERENTIAL CURRENT CONSUMPTION ANALYSIS
• DISPOSITIF DE TRAITEMENT DES DONNEES ET SON PROCEDE DE FONCTIONNEMENT PERMETTANT D'EMPECHER TOUTE ANALYSE DIFFERENTIELLE DE CONSOMMATION D'ENERGIE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL–5621 BA Eindhoven (NL).
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(71) **PHILIPS CORPORATE INTELLECTUAL PROPERTY GMBH** [DE/DE]; Habsburgerallee 11, D–52066 Aachen (DE).
(only for / seulement pour DE)

(72, 75) **FEUSER, Markus** [DE/NL]; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **PETERS, Carl, H.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(81) JP US; 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] **G07G 1/12**

(11) **WO 00/19387** (13) A1

(21) PCT/GB99/03105

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 09/164,215 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • VERIFIABLE ELECTRONIC JOURNAL FOR A POINT OF SALE DEVICE AND METHODS FOR USING THE SAME
• JOURNAL ELECTRONIQUE VERIFIABLE POUR DISPOSITIF POINT DE VENTE ET METHODES D'UTILISATION

(71) **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; New Orchard Road, Armonk, New York, NY 10504 (US).

(71) **IBM UNITED KINGDOM LIMITED** [GB/GB]; P.O. Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB).
(only for / seulement pour MC)

(72) **CONDE, Alberto**; Apartment 305, 4141 Lake Lynn Drive, Raleigh, NC 27613 (US). **FORTENBERRY, Robert**; 515 North Boundary Street, Raleigh, NC 27604 (US). **HUCABY, Wayne**; 7216 Valley Lake Drive, Raleigh, NC 27612 (US).

(74) **ZERBI, Guido, Maria**; IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester, Hampshire SO21 2JN (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 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; 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] **G08B 3/10**

(11) **WO 00/19388** (13) A1

(21) PCT/US99/22142

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/160,677 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DIGITAL ENUNCIATOR FOR COMMUNICATION SYSTEM
• ENONCIATEUR NUMERIQUE POUR SYSTEME DE COMMUNICATION

(71) **CONEXANT SYSTEMS, INC.** [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660–3095 (US).

(72) **YIN, Ning**; 2855 Pine Creed Drive #C315, Costa Mesa, CA 92626 (US). **REYES, Romy**; 680 Bowcreek Drive, Diamond Bar, CA 91765 (US). **WALLEY, Kenneth, Scott**; 19262 Shadow Oak Drive, Portola Hills, CA 92679 (US).

(74) **RITTMASTER, Ted, R.** et al. / etc.; Foley & Lardner, 2029 Century Park East, Los Angeles, CA 90067 3021 (US).

(81) CA CN JP; 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] **G08B 5/00, H05B 37/03**

(11) **WO 00/19389** (13) A1

(21) PCT/IB99/01582

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) UD98A000168 **30 Sep/sep 1998 (30.09.1998)** IT

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SYSTEM AND DEVICE TO SIGNAL OBSTACLES TO FLIGHT
• SYSTEME ET DISPOSITIF DESTINES A SIGNALER LA PRESENCE D'OBSTACLES A LA NAVIGATION AERIENNE

(71) **CLAMPCO SISTEMI SRL** [IT/IT]; Via Aquileia – Area PIP, I–34076 Romans D'Isonzo (IT).
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(72, 75) **SOLARI, Giovanni** [IT/IT]; Via Romagna, 11, I–33080 Porcia (IT).

(74) **PETRAZ, Gilberto**; GLP Srl, Piazzale Cavedalis, 6/2, I–33100 Udine (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 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; 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)[6] **G08B 13/14, 1/08, 23/00**

(11) **WO 00/19390** (13) A1

(21) PCT/US99/21766

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 09/161,070 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ALARM SYSTEM FOR FORGOTTEN GOLF CLUB
• SYSTEME D'ALARME POUR CLUBS DE GOLF OUBLIES

(71, 72) **JACKSON, Susan, M.** [US/US]; 10100 Hobby Hill Road, Richmond, VA 23235 (US). **JACKSON, Robert, A.** [US/US]; 10100 Hobby Hill Road, Richmond, VA 23235 (US).

(72) **DAVIS, John, M.**; 12418 Queensgate Road, Midlothian, VA 23113 (US).

(74) **JACKSON, Auzville, Jr.**; 8652 Rio Grande Road, Richmond, VA 23229 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU IL IS JP KP KR LC LK LR LT LV MG MK MX NO NZ PL RO SG SI SK SL TR TT UA UZ VN YU; 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)[6] **G08B 21/00**

(11) **WO 00/19391** (13) A1

(21) PCT/US99/15414

(22) **9 Jul/juil 1999 (09.07.1999)**

(25) en (26) en

(30) 09/161,785 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SHOELACE WARNING SYSTEM
• SYSTEME AVERTISSEUR DE LACET DEFAIT

(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 85014–5818 (US).

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

(11) **WO 00/19392** (13) A1

(21) PCT/EP99/07224

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) de (26) de

(30) 198 44 631.4 **29 Sep/sep 1998 (29.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SYSTEM FOR MONITORING, CONTROLLING, TRACKING AND HANDLING OBJECTS
• SYSTEME DE SURVEILLANCE, DE COMMANDE, DE SUIVI ET DE MANIPULATION D'OBJETS

(71) **GANTNER ELECTRONIC GMBH** [AT/AT]; Montafonerstrasse 8, A–6780 Schruns (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GANTNER, Wilhelm** [AT/AT]; Batloggstrasse 32, A–6780 Schruns (AT). **GANTNER, Reinhold** [AT/AT]; Suchardstrasse 17, A–6700 Bludenz (AT). **SCHEDLER, Gerhard** [LI/LI]; Im Gamander 8, FL–9494 Schaan (LI).

(74) **RIEBLING, Peter**; Postfach 31 60, D–88113 Lindau (DE).

(81) CA US.

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(51)[6] **G09B 7/06**

(11) **WO 00/19393** (13) A1

(21) PCT/AU99/00816

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) PP 6158 **24 Sep/sep 1998 (24.09.1998)** AU

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AN APPARATUS FOR CONDUCTING A TEST
• APPAREIL PERMETTANT LA REALISATION D'UN TEST

(71) **LEWIS CADMAN CONSULTING PTY. LTD.** [AU/AU]; 399 Riley Street, Surry Hills, NSW 2010 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CADMAN, Mark** [AU/AU]; 399 Riley Street, Surry Hills, NSW 2020 (AU). **STANKOV, Lazar** [AU/AU]; 31 Gladstone Street, Wentworth Falls, NSW 2782 (AU). **DOLPH, Bradley** [AU/AU]; 21 Albuera Road, Epping, NSW 2121 (AU).

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

(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 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; 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)[6] **G09F 3/03**

(11) **WO 00/19394** (13) A1

(21) PCT/CH98/00416

(22) **29 Sep/sep 1998 (29.09.1998)**

(25) de (26) de

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PADLOCK WITH A LOCKABLE SHACKLE
• ELEMENT A ACCROCHER COMPORTANT UN ARCEAU VERROUILLABLE

(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) **KIENZLER, Helmut** [DE/DE]; Unterer Schützenrain 5, D–88709 Meersburg (DE).

(74) **PATENTANWALTSBUREAU JEAN HUNZIKER AG**; Siewerdtstrasse 95, CH–8050 Zürich (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 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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)[6] **G09F 3/10**

(11) **WO 00/19395** (13) A1

(21) PCT/AU99/00681

(22) **24 Aug/août 1999 (24.08.1999)**

(25) en (26) en

(30) PP 6135 **24 Sep/sep 1998 (24.09.1998)** AU

(30) 42420/99 **2 Aug/août 1999 (02.08.1999)** AU

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A LABEL
• ETIQUETTE

(71, 72) **SCOTT, Leonard, James** [AU/AU]; 78 Grant Road, Somerville, VIC 3912 (AU).

(74) **HENSHAW, Damon** et al. / etc.; Davies Collison Cave, 1 Little Collins Street, Melbourne, VIC 3000 (AU).

(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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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 3/20, 7/02, 9/30**

(11) **WO 00/19396** (13) A1

(21) PCT/HU99/00066

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) P 98 02176 **30 Sep/sep 1998 (30.09.1998)** HU

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NUMBER DISPLAY SYSTEM
• SYSTEME D'AFFICHAGE DE NOMBRES

(71, 72) **JÉGER, József** [HU/HU]; Dankó Pista u. 14, H–7085 Nagyszékely (HU).

(74) **S.B.G. & K. Patent and Law Office**; Andrássy út 113, H–1062 Budapest (HU).

(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 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; 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 9/33, H05B 33/00**

(11) **WO 00/19397** (13) A1

(21) PCT/DE99/03083

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) de (26) de

(30) 198 45 075.3 **30 Sep/sep 1998 (30.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR PRODUCING A COMPONENT AND CORRESPONDING COMPONENT
• PROCEDE POUR PRODUIRE UN ELEMENT ET ELEMENT AINSI OBTENU

(71) **OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG** [DE/DE]; Wernerwerkstr. 2, D–93049 Regensburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HEIMGÄRTNER, Rudolf** [DE/DE]; Unter den Schwibbögen 2, D–93047 Regensburg (DE).

(74) **OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG**; Zedlitz, Peter, Postfach 22 13 17, D–80503 München (DE).

(81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G09G 3/20**

(11) **WO 00/19398** (13) A1

(21) PCT/US99/14110

(22) **23 Jun/juin 1999 (23.06.1999)**

(25) en (26) en

(30) 09/162,823 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AMPLIFIER CIRCUIT FOR USE WITHIN A COLUMN DRIVER
• CIRCUIT D'AMPLIFICATEUR A UTILISER DANS UN EXCITATEUR DE COLONNE

(71) **CANDESCENT TECHNOLOGIES CORPORATION** [US/US]; 6580 Via del Oro, San Jose, CA 95119 (US).

(72) **FRIEDMAN, Jay**; 395 West Drive, Felton, CA 95018 (US).

(74) **GALLENSON, Mavis, S.** et al. / etc.; Ladas & Parry, Suite 2100, 5670 Wilshire Boulevard, Los Angeles, CA 90036–5679 (US).

(81) JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G09G 3/22**

(11) **WO 00/19399** (13) A1

(21) PCT/US99/14769

(22) **28 Jun/juin 1999 (28.06.1999)**

(25) en (26) en

(30) 09/164,402 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FIELD EMISSION DISPLAY SCREEN AND METHOD
• ECRAN D'AFFICHAGE A EMISSION DE CHAMP ET PROCEDE CORRESPONDANT

(71) **CANDESCENT TECHNOLOGIES CORPORATION** [US/US]; 6580 Via Del Oro, San Jose, CA 95119 (US).

(72) **HANSEN, Ronald, L.**; 10941 Miguelito Road, San Jose, CA 95127 (US).

(74) **GALLENSON, Mavis, S.** et al. / etc.; Ladas & Parry, Suite 2100, 5670 Wilshire Boulevard, Los Angeles, CA 90036–5679 (US).

(81) JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G09G 3/28, 3/34**

(11) **WO 00/19400** (13) A1

(21) PCT/JP98/05509

(22) **7 Dec/déc 1998 (07.12.1998)**

(25) en (26) en

(30) 10/271999 **25 Sep/sep 1998 (25.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PLASMA DISPLAY PANEL DRIVE PULSE CONTROLLER FOR PREVENTING FLUCTUATION IN SUBFRAME LOCATION
• CONTROLEUR D'IMPULSION DE COMMANDE D'ECRAN PLASMA DESTINE A EMPECHER UNE FLUCTUATION EN SOUS–TRAME

(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) **KASAHARA, Mitsuhiro** [JP/JP]; 3–17–3, Nagaonishimachi, Hirakata–shi, Osaka 573–0162 (JP). **ISHIKAWA, Yuichi** [JP/JP]; 2–32–1–301, Tamakushi, Ibaraki–shi, Osaka 567–0895 (JP). **MORITA, Tomoko** [JP/JP]; 1–8–10–603, Deguchi, Hirakata–shi, Osaka 573–0065 (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) CN KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G09G 3/30**

(11) **WO 00/19401** (13) A1

(21) PCT/US99/22620

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,236 **29 Sep/sep 1998** US **(29.09.1998)**

(30) 09/200,513 **25 Nov/nov 1998** US **(25.11.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ANALOG ACTIVE MATRIX EMISSIVE DISPLAY
• AFFICHAGE EMISSIF A MATRICE ANALOGIQUE ACTIVE

(71) **SARNOFF CORPORATION** [US/US]; 201 Washington Road, CN5300, Princeton, NJ 08543–5300 (US).

(72) **STEWART, Roger, G.**; 3 Ski Drive, Neshanic Station, NJ 08853 (US). **IPRI, Alfred, C.**; 7 Cotswold Lane, Princeton, NJ 08540 (US).

(74) **BURKE, William, J.** et al. / etc.; Sarnoff Corporation, 201 Washington Road, CN5300, Princeton, NJ 08543–5300 (US).

(81) CA JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G09G 5/00, G06F 3/14**

(11) **WO 00/19402** (13) A1

(21) PCT/US99/20712

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/164,093 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AUTO SIZING AND POSITIONING VIDEO DATA USING GENERALIZED TIMING FORMULA
• DIMENSIONNEMENT ET POSITIONNEMENT AUTOMATIQUES DES DONNEES VIDEO PAR UNE FORMULE DE SYNCHRONISATION GENERALISEE

(71) **SONY ELECTRONICS, INC.** [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).

(72) **KIMOTO, Masanobu**; 14122 Capewood Lane, San Diego, CA 92128 (US). **JIANG, Libiao**; 17985 Saponi Court, San Diego, CA 92127 (US). **FUJIMORI, Shin**; 15454 Avenida Rorras, San Diego, CA 92128 (US). **TADANO, Taro**; 12132 Caddy Row, San Diego, CA 92128 (US).

(74) **SOBRINO, Maria, E.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025–1026 (US).

(81) AE AL AM AT 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 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 UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **G09G 5/06, 1/16**

(11) **WO 00/19403** (13) A1

(21) PCT/DE99/03060

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) de (26) de

(30) 198 44 123.1 **25 Sep/sep 1998** DE **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR DISPLAYING VIDEO IMAGES
• PROCEDE POUR AFFICHER DES IMAGES VIDEO

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SZABELSKI, Piotr** [PL/DE]; Alexander–Pachmann–Strasse 11, D–85716 Unterschleißheim (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G10D 1/00, 1/08**

(11) **WO 00/19404** (13) A1

(21) PCT/AU99/00828

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) PP 6184 **28 Sep/sep 1998** AU **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IMPROVEMENTS IN STRINGED MUSICAL INSTRUMENTS
• AMELIORATIONS APPORTEES A DES INSTRUMENTS A CORDES

(71) **MATON PTY LTD.** [AU/AU]; 9–11 Kelvin Road, North Bayswater, Melbourne, VIC 3153 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CLARK, Bradley, Roy** [AU/AU]; 92 Napier Street, South Melbourne, Melbourne, VIC 3205 (AU).

(74) **DI GIANTOMASSO, Frank** et al. / etc.; Freehills Patent Attorneys, Level 47, 101 Collins Street, Melbourne, VIC 3000 (AU).

(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 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; 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)[6] **G10D 3/14**

(11) **WO 00/19405** (13) A1

(21) PCT/US98/20376

(22) **29 Sep/sep 1998 (29.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TUNING APPARATUS FOR STRINGED INSTRUMENT
• APPAREIL POUR ACCORDER DES INSTRUMENTS A CORDES

(71, 72) **MCCABE, Geoffrey, L.** [US/US]; 36 East 7th Street #5, New York, NY 10003 (US).

(74) **ELAND, Stephen, H.** et al. / etc.; Dann, Dorfman, Herrell & Skillman, P.C., Suite 720, 1601 Market Street, Philadelphia, PA 19103 (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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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] **G10K 11/00**

(11) **WO 00/19406** (13) A2

(21) PCT/US99/22790

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/163,706 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ADJUSTABLE IN–HULL TRANSDUCER ASSEMBLY
• ENSEMBLE TRANSDUCTEUR ADAPTABLE MONTE DANS UNE COQUE

(71) **AIRMAR TECHNOLOGY CORPORATION** [US/US]; 35 Meadowbrook Drive, Milford, NH 03055 (US).

(72) **LAGACE, Maurice**; 329 Old Greenfield Road, Peterborough, NH 03458 (US). **CULLEN, Robert**; 1 Fish Road, Temple, NH 03084 (US).

(74) **REYNOLDS, Leo, R.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02421 (US).

(81) AU CA; 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] **G10L 11/04, 21/04 // 101:00**

(11) **WO 00/19407** (13) A1

(21) PCT/JP99/05287

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) ja (26) ja

(30) 10/275852 **29 Sep/sep 1998 (29.09.1998)** JP

(30) 11/038774 **17 Feb/fév 1999 (17.02.1999)** JP

(30) 11/178243 **24 Jun/juin 1999 (24.06.1999)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD OF SAMPLING PITCH PERIOD OF VOICE SIGNAL AND DEVICE FOR TIME–AXIS COMPRESSION/DECOMPRESSION OF VOICE SIGNAL
• PROCEDE D'ECHANTILLONNAGE DE PERIODES DE HAUTEUR DE SIGNAL VOCAL ET DISPOSITIF DE COMPRESSION/DECOMPRESSION DE SIGNAL VOCAL DANS L'AXE DES TEMPS

(71) **SANYO ELECTRIC CO., LTD.** [JP/JP]; 5–5, Keihanhondori 2–chome, Moriguchi–shi, Osaka 570–0083 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **INOUE, Takeo** [JP/JP]; Sanyo Electric Co., Ltd., 5–5, Keihanhondori 2–chome, Moriguchi–shi, Osaka 570–0083 (JP).

(74) **KAYAMA, Hideyuki**; Kayama Patent Office, 9F, Shin–Osaka Maru Building Annex, 18–27, Higashinakajima 1–chome Higashiyodogawa–ku, Osaka–shi, Osaka 533–0033 (JP).

(81) CA CN US; 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] **G10L 13/04, G06F 17/27, G10L 15/26**

(11) **WO 00/19408** (13) A1

(21) PCT/IB99/01689

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,472 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • VOICE COMMAND NAVIGATION OF ELECTRONIC MAIL READER
• NAVIGATION PAR COMMANDE VOCALE POUR LECTEUR DE COURRIER ÉLECTRONIQUE

(71) **LERNOUT & HAUSPIE SPEECH PRODUCTS N.V.** [BE/BE]; Flanders Language Valley 50, B–8900 Ieper (BE).

(72) **VAN TICHELEN, Luc**; Desselgemseweg 175, B–8790 Waregem (BE).

(74) **FROUD, Clive** et al. / etc.; Elkington and Fife, Prospect House, 8 Pembroke Road, Sevenoaks, Kent TN13 1XR (GB).

(81) AU CA JP; 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] **G10L 15/04**

(11) **WO 00/19409** (13) A1

(21) PCT/US99/22501

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,373 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INTER–WORD TRIPHONE MODELS
• MODELES DE PHONEMES TRIPLES ENTRE MOTS

(71) **LERNOUT & HAUSPIE SPEECH PRODUCTS N.V.** [BE/BE]; Flanders Language Valley 50, B–8900 Ieper (BE).

(71, 72) **SEJNOHA, Vladimir** [US/US]; 29 Mt. Vernon Street, #4, Cambridge, MA 02141 (US).

(72) **LYNCH, Tom**; 16 Carter Drive, Framingham, MA 01701 (US). **SARUKKAI, Ramesh**; Apartment #K–19, 158 Concord Road, Billerica, MA 01821 (US).

(74) **SUNSTEIN, Bruce, D.** et al. / etc.; Bromberg & Sunstein LLP, 125 Summer Street, Boston, MA 02110–1618 (US).

(81) AU CA JP; 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] **G10L 15/26, 15/22**

(11) **WO 00/19410** (13) A1

(21) PCT/US99/22545

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,500 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • GRAPHIC USER INTERFACE FOR NAVIGATION IN SPEECH RECOGNITION SYSTEM GRAMMARS
• INTERFACE–UTILISATEUR GRAPHIQUE POUR NAVIGATION DANS DES GRAMMAIRES DE SYSTEMES DE RECONNAISSANCE DE LA PAROLE

(71) **LERNOUT & HAUSPIE SPEECH PRODUCTS N.V.** [BE/BE]; Flanders Language Valley 50, B–8900 Ieper (BE).

(71, 72) **GLADSTEIN, Brian** [US/US]; 17 Egerton Road, Arlington, MA 02474 (US).

(72) **BAPTISTA, Rafael**; 35 Falmouth Road, Arlington, MA 02474 (US). **ARMSTRONG, John, III**; 36 Orchard Street, Cambridge, MA 02140 (US). **WILSON, Brian**; 125 Newport Street, Arlington, MA 02476 (US).

(74) **SUNSTEIN, Bruce, D.** et al. / etc.; Bromberg & Sunstein LLP, 125 Summer Street, Boston, MA 02110–1618 (US).

(81) AU CA JP; 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] **G10L 19/00, 19/14**

(11) **WO 00/19411** (13) A1

(21) PCT/US99/21014

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 60/102,237 **29 Sep/sep 1998 (29.09.1998)** US

(30) 09/357,858 **21 Jul/juil 1999 (21.07.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SYSTEM AND METHOD FOR PROCESSING DATA FROM AND FOR MULTIPLE CHANNELS
• SYSTEME ET PROCEDE DE TRAITEMENT DE DONNEES ECHANGEES SUR PLUSIEURS CANAUX

(71) **CIGNAL GLOBAL COMMUNICATIONS, INC.** [US/US]; 25 First Street, Cambridge, MA 02141 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WIESE, William, M., Jr.** [US/US]; 225 Grand Boulevard #1, San Mateo, CA 94401 (US).

(74) **DULIK, Richard, P.**; Covington & Burling, 1201 Pennsylvania Avenue, NW, P.O. Box 7566, Washington, DC 20044–7566 (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 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; 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] **G10L 19/00**

(11) **WO 00/19412** (13) A1

(21) PCT/US99/22630

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/165,020 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • VOICE COMMUNICATION BY PHONEME RECOGNITION AND TEXT TO SPEECH
• COMMUNICATION VOCALE PAR RECONNAISSANCE DE PHONEME ET LIAISON TEXTE A PAROLE

(71) **SYMANTEC CORPORATION** [US/US]; 10201 Torre Avenue, Cupertino, CA 95014 (US).

(72) **LEVITON, Dan'l**; 1480 Torreyanna Cir., Corona, CA 91720 (US). **ISENBERG, Henri**; 166 N. Poinsettia Place, Los Angeles, CA 90036 (US).

(74) **RADLO, Edward, J.** et al. / etc.; Fenwick & West LLP, Two Palo Alto Square, Palo Alto, CA 94306 (US).

(81) CA; 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] **G10L 19/04, H04S 1/00**

(11) **WO 00/19413** (13) A1

(21) PCT/SE99/01610

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 9803321–0 **30 Sep/sep 1998** SE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MULTI–CHANNEL SIGNAL ENCODING AND DECODING
• CODAGE ET DECODAGE DE SIGNAUX MULTI–CANAUX

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S–126 25 Stockholm (SE).

(72) **MINDE, Tor, Björn**; Gäddviksvägen 19, S–954 32 Gammelstad (SE).

(74) **MRAZEK, Werner** et al. / etc.; Aros Patent AB, P.O. Box 1544, S–751 45 Uppsala (SE).

(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 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; 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)[6] **G10L 21/04**

(11) **WO 00/19414** (13) A1

(21) PCT/US99/22426

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 09/161,198 **26 Sep/sep 1998** US **(26.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AUDIO ENCODING APPARATUS AND METHODS
• APPAREIL ET PROCEDES DE CODAGE DE DONNEES SONORES

(71) **LIQUID AUDIO, INC.** [US/US]; 810 Winslow Street, Redwood City, CA 94063–1608 (US).

(72) **LEVINE, Scott, Nathan**; 594 Channing Avenue, Palo Alto, CA 94301 (US).

(74) **IVEY, James, D.**; 3025 Totterdell Street, Oakland, CA 94611–1742 (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; 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] **G11B**

(11) **WO 00/19415** (13) A2

(21) PCT/US99/22259

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/101,884 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND APPARATUS FOR THREE–DIMENSIONAL AUDIO DISPLAY
• PROCEDE ET DISPOSITIF DE REPRODUCTION AUDIO TRIDIMENSIONNELLE

(63) US 60/101,884 (CON) 25 Sep/sep 1998 (25.09.1998)

(71) **CREATIVE TECHNOLOGY LTD.** [SG/SG]; 31 International Business Park, Creative Resource, Singapore 609921 (SG).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JOT, Jean–Marc** [FR/US]; 515 Townsend Drive, Aptos, CA 95003 (US). **WARDLE, Scott** [US/US]; 823 Riverside Avenue, Santa Cruz, CA 95060 (US).

(74) **YEE, George, B., F.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111–3834 (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 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; 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] **G11B**

(11) **WO 00/19416** (13) A2

(21) PCT/US99/22476

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/161,753 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • REMOVABLE MEDIA RECORDING STATION FOR THE MEDICAL INDUSTRY
• POSTE D'ENREGISTREMENT SUR SUPPORT AMOVIBLE POUR L'INDUSTRIE MEDICALE

(71) **TDK U.S.A. CORP.** [US/US]; 12 Harbor Park Drive, Post Washington, NY 11050 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **SUTHERLAND, Michael** [US/US]; 4430 Pebblecreek Lane, Long Grove, IL 60047 (US).

(72, 75) **YOKOI, Koyo** [JP/US]; 724 Steven Court, East Meadow, NY 11554 (US).

(74) **THESZ, J., Michael**; Morgan, Lewis & Bockius LLP, 1800 M Street, Washington, DC 20036–5869 (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 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; 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] **G11B 5/105**

(11) **WO 00/19417** (13) A1

(21) PCT/US99/21799

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/101,881 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ACTUATOR ASSEMBLY DEBRIS REDUCTION
• REDUCTION DES DEBRIS D'UN ENSEMBLE ACTIONNEUR

(71) **SEAGATE TECHNOLOGY, INC.** [US/US]; 920 Disc Drive, Scotts Valley, CA 95066 (US).

(72) **MISSO, Nigel, F.**; 7915 N.W. 21st H5, Bethany, OK 73008–5328 (US). **JONES, Inman, L.**; 11609 S.W. 3rd Street, Yukon, OK 73099 (US). **HEATON, Daniel, M.**; 10101 Mamus Lane, Yukon, OK 73099 (US). **EDDINGS, Dana, P.**; 4712 Skytrail, Yukon, OK 73099 (US).

(74) **MCCARTHY, Bill, D.**; Crowe & Dunlevy, 1800 Mid–America Tower, 20 North Broadway, Oklahoma City, OK 73102–8273 (US) et al. / etc.

(81) CN DE GB JP KR SG.

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(51)[6] **G11B 5/41, G06K 19/02**

(11) **WO 00/19418** (13) A1

(21) PCT/EP98/06147

(22) **28 Sep/sep 1998 (28.09.1998)**

(25) de (26) de

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CLEANING CARD FOR MAGNETIC TRACK AND CHIP CARD READ/WRITE DEVICES AND METHOD FOR PRODUCING SAID CLEANING CARD
• CARTE DE NETTOYAGE POUR DISPOSITIFS DE LECTURE/ECRITURE DE PISTE MAGNETIQUE ET DE CARTE A PUCE, AINSI QUE PROCEDE DE FABRICATION DE LADITE CARTE

(71) **SIEMENS NIXDORF INFORMATIONSSYSTEME AG** [DE/DE]; Heinz–Nixdorf–Ring 1, D–33106 Paderborn (DE). **ECS AG** [CH/CH]; Blegistrasse 23, CH–6342 Baar (CH).
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(72, 75) **NEUBAUER, Lutz** [DE/DE]; Clemens–Braun–Strasse 5, D–33181 Wünnenberg–Leiberg (DE). **RUCH, Ernst, Emil** [CH/CH]; Im Höfli 7, CH–8832 Wollerau (CH).

(74) **SCHAUMBURG, Karl–Heinz** et al. / etc.; Postfach 86 07 48, D–81634 München (DE).

(81) BR CN JP KR US; 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] **G11B 5/84, B24D 11/00**

(11) **WO 00/19419** (13) A1

(21) PCT/JP99/05434

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) ja (26) ja

(30) 10/294609 **30 Sep/sep 1998** JP **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • POLISHING TAPE USED IN MAKING MAGNETIC RECORDING MEDIUM
• RUBAN POUR POLISSAGE UTILISE DANS LA FABRICATION D'UN SUPPORT D'ENREGISTREMENT MAGNETIQUE

(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) **EBIHARA, Akira** [JP/JP]; Kanebo Gohsen, Limited, 2–2, Umeda 1–chome, Kita–ku, Osaka–shi, Osaka 530–0001 (JP). **NOGUCHI, Shoichiro** [JP/JP]; Kanebo Gohsen, Limited, 2–2, Umeda 1–chome, Kita–ku, Osaka–shi, Osaka 530–0001 (JP). **NAKANISHI, Keiji** [JP/JP]; Kanebo Gohsen, Limited, 2–2, Umeda 1–chome, Kita–ku, Osaka–shi, Osaka 530–0001 (JP).

(81) SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G11B 7/00, 7/125**

(11) **WO 00/19420** (13) A1

(21) PCT/JP99/04411

(22) **16 Aug/août 1999 (16.08.1999)**

(25) ja (26) ja

(30) 10/273896 **28 Sep/sep 1998** JP **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • OPTICAL INFORMATION RECORDING MEDIUM, AND DEVICE AND METHOD FOR RECORDING TEST SIGNAL ON IT
• SUPPORT OPTIQUE D'ENREGISTREMENT D'INFORMATIONS, DISPOSITIF ET PROCEDE D'ENREGISTREMENT DE SIGNAL D'ESSAI SUR CELUI–CI

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006–banchi, Oaza–kadoma, Kadoma–shi, Osaka 571–8501 (JP).

(72) **NARUMI, Kenji**; Room 404, Excellent–life–motomachi, 3–36, Motomachi, Ibaraki–shi, Osaka 567–0882 (JP). **MIYAGAWA, Naoyasu**; Room 402, Lions Mansion Kawanishihagiwara, 2–38, Hagiwara 3–chome, Kawanishi–shi, Hyogo 666–0004 (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) ID KR MX.

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(51)[6] **G11B 7/12**

(11) **WO 00/19421** (13) A1

(21) PCT/US98/20248

(22) **28 Sep/sep 1998 (28.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MULTIBYTE RANDOM ACCESS MASS STORAGE/MEMORY SYSTEM
• SYSTEME COMBINE MEMOIRE VIVE/MEMOIRE DE MASSE A OCTETS MULTIPLES

(71) **T SQUARED G INCORPORATED** [US/US]; 2469 South Newberry Court, Denver, CO 80224 (US).

(72) **ROPE, Ronald, E.**; 2469 South Newberry Court, Denver, CO 80224 (US). **PULLAM, Martin, L.**; 5263 South Newton Street, Littleton, CO 80123 (US).

(74) **ZOLTICK, Martin, M.** et al. / etc.; Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C., 12021 Sunset Hills Road, Reston, VA 20190 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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] **G11B 15/66, 23/037, 23/20, 23/18, 23/08, 23/087**

(11) **WO 00/19422** (13) A1

(21) PCT/US99/22466

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/162,957 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IMPROVED METHOD OF TAPE ATTACHMENT TO A TAPE CARTRIDGE REEL
• PROCEDE AMELIORE DE FIXATION D'UNE BANDE A UNE CARTOUCHE DE BOBINE DE BANDE

(71) **STORAGE TECHNOLOGY CORPORATION** [US/US]; One StorageTek Drive, MS–4309, Louisville, CO 80028–4309 (US).

(72) **TRABERT, Steven, G.**; 815 Hartford Drive, Boulder, CO 80303 (US).

(74) **BAILEY, Wayne, P.** et al. / etc.; Storage Technology Corporation, One StorageTek Drive, MS–4309, Louisville, CO 80028–4309 (US).

(81) AU CA CN JP KR MX; 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] **G11B 15/68, 17/22**

(11) **WO 00/19423** (13) A1

(21) PCT/US99/19668

(22) **1 Sep/sep 1999 (01.09.1999)**

(25) en (26) en

(30) 09/163,225 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • RETENTION ARRAY FEATURE FOR A MAGAZINE OF A STORAGE LIBRARY SYSTEM
• DISPOSITIF DE MAINTIEN POUR LE MAGASIN D'UN SYSTEME DE BIBLIOTHEQUE DE STOCKAGE

(71) **STORAGE TECHNOLOGY CORPORATION** [US/US]; One StorageTek Drive, MS–4309, Louisville, CO 80028–4309 (US).

(72) **TODOR, John, S.**; 10074 Holland Court, Westminster, CO 80021 (US).

(74) **BAILEY, Wayne, P.** et al. / etc.; Storage Technology Corporation, One StorageTek Drive, MS–4309, Louisville, CO 80028–4309 (US).

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

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(51)[6] **G11B 17/04**

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(21) PCT/JP98/04382

(22) **29 Sep/sep 1998 (29.09.1998)**

(25) ja (26) ja

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DISK DEVICE
• DISPOSITIF POUR DISQUE

(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) **FUJIWARA, Tatsunori** [JP/JP]; Mitsubishi Denki Engineering Kabushiki Kaisha, 6–2, Otemachi 2–chome, Chiyoda–ku, Tokyo 100–0004 (JP).

(74) **TAZAWA, Hiroaki** et al. / etc.; Kasumigaseki IHF Building, 4th floor, 5–1, Kasumigaseki 3–chome, Chiyoda–ku, Tokyo 100–0013 (JP).

(81) AU CA JP KR MX US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G11B 17/04**

(11) **WO 00/19425** (13) A1

(21) PCT/JP98/04386

(22) **29 Sep/sep 1998 (29.09.1998)**

(25) ja (26) ja

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DISK DEVICE
• DISPOSITIF POUR DISQUES

(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) **EGUCHI, Takaharu** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8310 (JP).

(74) **TAZAWA, Hiroaki** et al. / etc.; 4F, Kasumigaseki IHF Building, 5–1, Kasumigaseki 3–chome, Chiyoda–ku, Tokyo 100–0013 (JP).

(81) AU CA JP KR MX US; 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] **G11B 20/10, 19/04**

(11) **WO 00/19426** (13) A1

(21) PCT/JP99/05313

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 10/275433 **29 Sep/sep 1998** JP **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • OPTICAL DISK REPRODUCTION APPARATUS AND METHOD FOR CONTROLLING OPTICAL DISK REPRODUCTION APPARATUS
• APPAREIL DE LECTURE DE DISQUE OPTIQUE ET PROCEDE DE COMMANDE D'UN APPAREIL DE LECTURE DE DISQUE OPTIQUE

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

(72, 75) **OKAZAKI, Makoto** [JP/JP]; 1–15, Tanegawacho, Niihama–shi, Ehime 792–0845 (JP). **YASUSHI, Ueda** [JP/JP]; 1–138, Tenjin, Saijyo–shi, Ehime 793–0002 (JP).

(74) **HAYASE, Kenichi**; 8F, Esaka ANA Building, 17–1, Enoki–cho, Suita–shi, Osaka 564–0053 (JP).

(81) CN ID KR SG US.

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(51)[7] **G11B 21/02, 5/55**

(11) **WO 00/19427** (13) A1

(21) PCT/US99/21798

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/101,899 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • EXTENDING ACTUATOR RANGE THROUGH MAGNETIC FLUX REVERSAL DETECTION
• EXTENSION DE LA PORTEE D'UN ACTIONNEUR PAR DETECTION DE L'INVERSION DU FLUX MAGNETIQUE

(71) **SEAGATE TECHNOLOGY, INC.** [US/US]; 920 Disk Drive, Scotts Valley, CA 95066 (US).

(72) **RATLIFF, Ryan, T.**; 4001 N.W. 122nd #531, Oklahoma City, OK 73120 (US).

(74) **McCARTHY, Bill, D.**; Crowe & Dunlevy, 1800 Mid–America Tower, 20 North Broadway, Oklahoma City, OK 73102–8273 (US) et al. / etc.

(81) CN DE GB JP KR SG.

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(51)[7] **G11B 23/03, 23/04**

(11) **WO 00/19428** (13) A1

(21) PCT/US99/21690

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) en (26) en

(30) 09/161,007 **25 Sep/sep 1998** US **(25.09.1998)**

(30) 09/337,059 **21 Jun/juin 1999** US **(21.06.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LATENT ILLUMINANCE DISCRIMINATION MARKER WITH REFLECTIVE LAYER FOR DATA STORAGE CARTRIDGES
• MARQUEUR DE DISTINCTION D'ECLAIREMENT LATENT AVEC COUCHE REFLECHISSANTE POUR CARTOUCHES DE STOCKAGE DE DONNEES

(71) **IOMEGA CORPORATION** [US/US]; 1821 West Iometa Way, Roy, UT 84067 (US).

(72) **GRAVES, Todd, L.**; 190 West, 925 South, Garland, UT 84312 (US). **WASHBURN, Klinton, D.**; 4027 West 5850 South, Roy, UT 84067 (US).

(74) **KURTZ, Richard, E.** et al. / etc.; Woodcock Washburn Kurtz Mackiewicz & Norris LLP, 46th floor, One Liberty Place, Philadelphia, PA 19103 (US).

(81) AU CA CN JP SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G11B 23/28, 23/30**

(11) **WO 00/19429** (13) A1

(21) PCT/JP99/05262

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) ja (26) ja

(30) 10/271035 **25 Sep/sep 1998 (25.09.1998)** JP

(30) 10/271648 **25 Sep/sep 1998 (25.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TAPE CASSETTE
• BANDE MAGNETIQUE EN CASSETTE

(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) **KANO, Yasuaki** [JP/JP]; Sony Corporation, 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141–0001 (JP). **DAIBA, Joichi** [JP/JP]; Sony Corporation, 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141–0001 (JP). **TAKAYAMA, Yoshihisa** [JP/JP]; Sony Corporation, 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141–0001 (JP). **HIRAMOTO, Takao** [JP/JP]; Sony Corporation, 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141–0001 (JP).

(74) **KOIKE, Akira** et al. / etc.; 11 Mori Bldg., 6–4, Toranomon 2–chome, Minato–ku, Tokyo 105–0001 (JP).

(81) US; 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] **G11B 23/40, 7/24**

(11) **WO 00/19430** (13) A1

(21) PCT/US99/22208

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/160,811 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LATENT IRRADIANCE DISCRIMINATION METHOD AND MARKER SYSTEM FOR CARTRIDGELESS DATA STORAGE DISKS
• PROCEDE DE DISTINCTION D'ECLAIREMENT LATENT ET SYSTEME DE MARQUAGE POUR DISQUES DE STOCKAGE DE DONNEES SANS CARTOUCHE

(71) **IOMEGA CORPORATION** [US/US]; 1821 West Iomega Way, Roy, UT 84067 (US).

(72) **KRIEGER, George, T.**; 25791 Tierra Grande Drive, Carmel, CA 93923 (US). **THOMAS, Fred, C., III**; 2491 Woodland Drive, Ogden, UT 84403 (US).

(74) **KURTZ, Richard, E.** et al. / etc.; Woodcock Washburn Kurtz Mackiewicz & Norris LLP, One Liberty Place, 46th floor, Philadelphia, PA 19103 (US).

(81) CA JP SG; 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] **G11B 27/00, G07F 17/30, G11B 17/22, 27/11, 27/34**

(11) **WO 00/19431** (13) A1

(21) PCT/EP99/06914

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) de (26) de

(30) 198 44 433.8 **28 Sep/sep 1998 (28.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MULTIMEDIA JUKEBOX
• JUKE–BOX MULTIMEDIA

(71) **NSM AKTIENGESELLSCHAFT** [DE/DE]; Saarlandstrasse 240, D–55411 Bingen am Rhein (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HANSEN, Carsten, Friis** [DE/DE]; Berlinstrasse 85, D–55411 Bingen am Rhein (DE).

(74) **GOSSEL, Hans, Karl** et al. / etc.; Widenmayerstrasse 23, D–80538 München (DE).

(81) US; 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] **G11B 27/00, 20/12**

(11) **WO 00/19432** (13) A1

(21) PCT/JP99/05207

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) ja (26) ja

(30) 10/271240 **25 Sep/sep 1998 (25.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INFORMATION RECORDING MEDIUM, INFORMATION RECORDING/REPRODUCING METHOD, AND INFORMATION RECORDING/REPRODUCING DEVICE
• SUPPORT D'ENREGISTREMENT D'INFORMATION, PROCEDE ET DISPOSITIF D'ENREGISTREMENT ET DE REPRODUCTION D'INFORMATION

(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) **SASAKI, Miyuki** [JP/JP]; 1–24–11–411, Saigodori, Moriguchi–shi, Osaka 570–0034 (JP). **GOTO, Yoshiho** [JP/JP]; 5–1–3, Higashinakahama, Joto–ku, Osaka–shi, Osaka 536–0023 (JP). **FUKUSHIMA, Yoshihisa** [JP/JP]; 6–14–C–508, Sekime, Joto–ku, Osaka–shi, Osaka 536–0008 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3–7, Shiromi 1–chome, Chuo–ku, Osaka–shi, Osaka 540–0001 (JP).

(81) AU BR CA CN JP KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G11B 33/08, 33/12**

(11) **WO 00/19433** (13) A1

(21) PCT/JP98/04383

(22) **29 Sep/sep 1998 (29.09.1998)**

(25) ja (26) ja

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CORNER PART REINFORCING DEVICE OF DISC DEVICE CHASSIS
• SYSTEME DE RENFORT DE COIN POUR CHASSIS DE DISPOSITIF DE DISQUE

(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) **KOBAYASHI, Masaki** [JP/JP]; Mitsubishi Denki Control Software Kabushiki Kaisha, 1–2, Hamayama–dori 6–chome, Hyogo–ku, Kobe–shi, Hyogo 652–0871 (JP). **MORIMOTO, Takao** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8310 (JP).

(74) **TAZAWA, Hiroaki** et al. / etc.; 4F, Kasumigaseki IHF Building, 5–1, Kasumigaseki 3–chome, Chiyoda–ku, Tokyo 100–0013 (JP).

(81) AU CA JP KR MX US; 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] **G11C 7/14, 5/14**

(11) **WO 00/19434** (13) A1

(21) PCT/US99/19472

(22) **26 Aug/août 1999 (26.08.1999)**

(25) en (26) en

(30) 09/163,789 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • COMPENSATION TECHNIQUE USING MOS CAPACITANCE
• TECHNIQUE DE COMPENSATION UTILISANT UNE CAPACITE MOS

(71) **CONEXANT SYSTEMS, INC.** [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660–3095 (US).

(72) **BAZZANI, Cristiano**; 702 Veneto, Irvine, CA 92614 (US).

(74) **TAKAHASHI, Mark, M.**; Snell & Wilmer L.L.C., One Arizona Center, 400 East Van Buren, Phoenix, AZ 85004–0001 (US).

(81) JP; 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] **G11C 8/00**

(11) **WO 00/19435** (13) A1

(21) PCT/DE99/02308

(22) **28 Jul/juil 1999 (28.07.1999)**

(25) de (26) de

(30) 198 44 728.0 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DECODER ELEMENT FOR PRODUCING AN OUTPUT SIGNAL WITH THREE DIFFERENT POTENTIALS
• ELEMENT DECODEUR PERMETTANT DE PRODUIRE UN SIGNAL DE SORTIE AVEC TROIS POTENTIELS DIFFERENTS

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RÖHR, Thomas** [DE/DE]; Kennedystrasse 10, D–82178 Puchheim (DE). **HÖNIGSCHMID, Heinz** [DE/DE]; Sandstrasse 3, D–82319 Starnberg (DE). **MANYOKI, Zoltan** [CA/DE]; Therese–Giehse–Allee 53, D–81739 München (DE). **BÖHM, Thomas** [DE/DE]; Herzog–Heinrich–Weg 5, D–85604 Zorneding (DE). **BRAUN, Georg** [DE/DE]; Theresienhöhe 68, D–80339 München (DE). **NEUHOLD, Ernst** [AT/AT]; Dr. Empergerweg 28, A–8052 Graz (AT).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CN JP KR US; 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] **G11C 8/00, H03K 19/094**

(11) **WO 00/19436** (13) A1

(21) PCT/DE99/02321

(22) **28 Jul/juil 1999 (28.07.1999)**

(25) de (26) de

(30) 198 44 666.7 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DECODER ELEMENT FOR PRODUCING AN OUTPUT SIGNAL WITH THREE DIFFERENT POTENTIALS AND OPERATING METHOD FOR SAID DECODER ELEMENT
• ELEMENT DECODEUR PERMETTANT DE PRODUIRE UN SIGNAL DE SORTIE AVEC TROIS POTENTIELS DIFFERENTS ET MODE DE FONCTIONNEMENT DE CET ELEMENT DECODEUR

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RÖHR, Thomas** [DE/DE]; Kennedystrasse 10, D–82178 Puchheim (DE). **HÖNIGSCHMID, Heinz** [DE/DE]; Sandstrasse 3, D–82319 Starnberg (DE). **MANYOKI, Zoltan** [CA/DE]; Therese–Giehse–Allee 53, D–81739 München (DE). **BÖHM, Thomas** [DE/DE]; Herzog–Heinrich–Weg 5, D–85604 Zorneding (DE). **NEUHOLD, Ernst** [AT/AT]; Dr. Empergerweg 28, A–8052 Graz (AT). **BRAUN, Georg** [DE/DE]; Theresienhöhe 6 B, D–80339 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CN JP KR US; 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] **G11C 8/00**

(11) **WO 00/19437** (13) A2

(21) PCT/DE99/03151

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) de (26) de

(30) 198 45 053.2 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DUAL–PORT MEMORY LOCATION
• CELLULE MEMOIRE A DOUBLE ACCES

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAJ, Kumar, Jain** [IN/SG]; 166, Kallang Way, 349249 Singapur (SG). **EHRENTRAUT, Herbert** [DE/DE]; Heidingsfelder Weg 66, D–85072 Eichstätt (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CN JP KR US; 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] **G11C 8/00**

(11) **WO 00/19438** (13) A1

(21) PCT/EP99/06550

(22) **3 Sep/sep 1999 (03.09.1999)**

(25) en (26) en

(30) 98203219.5 **25 Sep/sep 1998** EP **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE CONTAINING A MULTI–PORT MEMORY
• DISPOSITIF CONTENANT UNE MEMOIRE MULTI–PORT

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

(72) **WIELAGE, Paul**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **VAN DER WERF, Albert**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **SEVAT, Leonardus, H., M.**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **BELLEFROID, Lodewijk, P.**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **HAAS, Laurens, J.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(81) JP; 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] **G11C 11/14, H04L 9/00**

(11) **WO 00/19439** (13) A1

(21) PCT/JP99/05197

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) ja (26) ja

(30) 10/278578 **30 Sep/sep 1998** JP **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CIPHER MACHINE
• MACHINE A CHIFFRER

(71) **NHK SPRING CO., LTD.** [JP/JP]; 10, Fukuura 3–chome,, Kanazawa–ku, Yokohama–shi, Kanagawa 236–0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KURIHARA, Tatsuya** [JP/JP]; NHK Spring Co., Ltd., 10, Fukuura 3–chome, Kanazawa–ku, Yokohama–shi, Kanagawa 236–0004 (JP). **FUKUMURA, Takeo** [JP/JP]; NHK Spring Co., Ltd., 10, Fukuura 3–chome, Kanazawa–ku, Yokohama–shi, Kanagawa 236–0004 (JP). **MATSUMOTO, Hiroyuki** [JP/JP]; NHK Spring Co., Ltd., 10, Fukuura 3–chome, Kanazawa–ku, Yokohama–shi, Kanagawa 236–0004 (JP).

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

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG 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 US UZ VN YU ZA ZW; 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] **G11C 11/16**

(11) **WO 00/19440** (13) A2

(21) PCT/DE99/02983

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) de (26) de

(30) 198 45 068.0 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MAGNETORESISTIVE MEMORY WITH LOW CURRENT DENSITY
• MEMOIRE MAGNETORESISTIVE A FAIBLE DENSITE DE COURANT

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEBER, Werner** [DE/DE]; Franz–Marc–Strasse 6/3, D–80637 München (DE). **THEWES, Roland** [DE/DE]; Jägerheimstrasse 7, D–82194 Gröbenzell (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) JP KR US; 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] **G11C 11/16**

(11) **WO 00/19441** (13) A2

(21) PCT/DE99/03135

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) de (26) de

(30) 198 45 069.9 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MAGNETORESISTIVE MEMORY HAVING IMPROVED INTERFERENCE IMMUNITY
• MEMOIRE MAGNETORESISTIVE A FIABILITE ACCRUE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEBER, Werner** [DE/DE]; Franz–Marc–Strasse 6/3, D–80637 München (DE). **THEWES, Roland** [DE/DE]; Jägerheimstrasse 7, D–82194 Gröbenzell (DE). **PLASA, Gunther** [DE/DE]; Laufzorner Strasse 10a, D–82031 Grünwald (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CN JP KR US; 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] **G11C 11/22, 7/12, 7/22**

(11) **WO 00/19442** (13) A1

(21) PCT/DE99/02888

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) de (26) de

(30) 198 44 479.6 **28 Sep/sep 1998** DE **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INTEGRATED MEMORY WITH DIFFERENTIAL READ AMPLIFIER
• MEMOIRE INTEGREE DOTEE D'UN AMPLIFICATEUR DE LECTURE DIFFERENTIEL

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RÖHR, Thomas** [DE/DE]; Gaussring 8, D–85609 Aschheim (DE). **BÖHM, Thomas** [DE/DE]; Herzog–Heinrich–Weg 5, D–85604 Zorneding (DE). **HÖNIGSCHMID, Heinz** [DE/DE]; Sandstrasse 3, D–82319 Starnberg (DE). **BRAUN, Georg** [DE/DE]; Theresienhöhe 6 B, D–80339 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CN JP KR US; 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] **G11C 11/22**

(11) **WO 00/19443** (13) A2

(21) PCT/DE99/02984

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) de (26) de

(30) 198 44 101.0 **25 Sep/sep 1998** DE **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CIRCUIT FOR GENERATING A REFERENCE VOLTAGE FOR READING OUT FROM A FERROELECTRIC MEMORY
• ENSEMBLE CIRCUIT POUR LA GENERATION D'UNE TENSION DE REFERENCE PERMETTANT LA LECTURE D'UNE MEMOIRE FERROELECTRIQUE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRAUN, Georg** [DE/DE]; Theresienhöhe 6b, D–80339 München (DE). **HÖNIGSCHMID, Heinz** [DE/DE]; Sandstr. 3, D–82319 Starnberg (DE). **RÖHR, Thomas** [DE/DE]; Gaussring 8, D–85609 Aschheim (DE). **KOWARIK, Oskar** [DE/DE]; Brunhildenstr. 26a, D–85579 Neubiberg (DE). **HOFFMANN, Kurt** [DE/DE]; Nelkenweg 20, D–82024 Taufkirchen (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CN JP KR US; 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] **G11C 11/402**

(11) **WO 00/19444** (13) A1

(21) PCT/DE99/03133

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) de (26) de

(30) 198 45 035.4 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SINGLE–PORT MEMORY LOCATION
• CELLULE MEMOIRE A SIMPLE ACCES

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAJ, Kumar–Jain** [IN/SG]; 166 Kallang Way, Singapore 349249 (SG).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CN JP KR US; 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] **G11C 11/406, 11/00**

(11) **WO 00/19445** (13) A1

(21) PCT/US99/22894

(22) **1 Oct/oct 1999 (01.10.1999)**

(25) en (26) en

(30) 09/165,228 **1 Oct/oct 1998** US **(01.10.1998)**

(30) 09/405,607 **24 Sep/sep 1999** US **(24.09.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • READ/WRITE BUFFERS FOR COMPLETE HIDING OF THE REFRESH OF A SEMICONDUCTOR MEMORY AND METHOD OF OPERATING SAME
• MEMOIRES TAMPONS LECTURE/ECRITURE PERMETTANT DE CACHER COMPLETEMENT LE RAFRAICHISSEMENT D'UNE MEMOIRE A SEMICONDUCTEURS ET PROCEDE D'UTILISATION

(71) **MONOLITHIC SYSTEM TECHNOLOGY, INC.** [US/US]; 1020 Stewart Drive, Sunnyvale, CA 94086–3914 (US).

(72) **LEUNG, Wingyu**; 10450 Orange Avenue, Cupertino, CA 95014–2825 (US). **HSU, Fu–Chieh**; 21778 Congress Hall Lane, Saratoga, CA 95070–9714 (US).

(74) **HOFFMAN, E., Eric**; Bever & Hoffman, LLP, Suite 320, 2099 Gateway Place, San Jose, CA 95110–1017 (US).

(81) JP; 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] **G11C 11/409**

(11) **WO 00/19446** (13) A1

(21) PCT/JP99/05227

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) ja (26) ja

(30) 10/271970 **25 Sep/sep 1998 (25.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR WRITING DATA FOR SEMICONDUCTOR MEMORY AND SEMICONDUCTOR MEMORY
• PROCEDE D'ECRITURE DE DONNEES DANS UNE MEMOIRE A SEMI–CONDUCTEUR ET UNE TELLE MEMOIRE

(71) **FUJITSU LIMITED** [JP/JP]; 1–1, Kamikodanaka 4–chome, Nakahara–ku, Kawasaki–shi, Kanagawa 211–8588 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NIIMI, Masahiro** [JP/JP]; Fujitsu Limited, 1–1, Kamikodanaka 4–chome, Nakahara–ku, Kawasaki–shi, Kanagawa 211–8588 (JP). **SATO, Yasuharu** [JP/JP]; Fujitsu Limited, 1–1, Kamikodanaka 4–chome, Nakahara–ku, Kawasaki–shi, Kanagawa 211–8588 (JP). **AIKAWA, Tadao** [JP/JP]; Fujitsu Limited, 1–1, Kamikodanaka 4–chome, Nakahara–ku, Kawasaki–shi, Kanagawa 211–8588 (JP). **IKEDA, Hitoshi** [JP/JP]; Fujitsu Limited, 1–1, Kamikodanaka 4–chome, Nakahara–ku, Kawasaki–shi, Kanagawa 211–8588 (JP). **KOBAYASHI, Hiroyuki** [JP/JP]; Fujitsu Limited, 1–1, Kamikodanaka 4–chome, Nakahara–ku, Kawasaki–shi, Kanagawa 211–8588 (JP).

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

(81) KR US.

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(51)[7] **G11C 13/02**

(11) **WO 00/19447** (13) A1

(21) PCT/US99/16277

(22) **26 Jul/juil 1999 (26.07.1999)**

(25) en (26) en

(30) 09/164,061 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • QUANTUM RANDOM ADDRESS MEMORY WITH POLYMER MIXER AND/OR MEMORY
• MEMOIRE A ADRESSES ALEATOIRES QUANTIQUES A MELANGEUR ET/OU MEMOIRE EN MATIERE POLYMERE

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

(72) **PETERSON, William, M.**; 5812 West Ivanhoe Street, Chandler, AZ 85226 (US).

(74) **INGRASSIA, Vincent, B.** et al. / etc.; Motorola, Inc., Intellectual Property Dept., P.O. Box 10219, Scottsdale, AZ 85271–0219 (US).

(81) JP KP SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **G21C 3/30, 3/62, 3/32**

(11) **WO 00/19448** (13) A1

(21) PCT/JP98/04296

(22) **25 Sep/sep 1998 (25.09.1998)**

(25) ja (26) ja

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FUEL ASSEMBLY
• ENSEMBLE DE COMBUSTIBLE

(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) **KOYAMA, Junichi** [JP/JP]; 13–2, Kujicho 5–chome, Hitachi–shi, Ibaraki 319–1222 (JP). **IRUBE, Makoto** [JP/JP]; 3–14–3, Nishiohshima, Hitachinaka–shi, Ibaraki 312–0041 (JP). **TOKUNAGA, Kensuke** [JP/JP]; 2523–8, Ishitaki, Takahagi–shi, Ibaraki 318–0022 (JP).

(74) **SAKUTA, Yasuo**; Hitachi, Ltd., 5–1, Marunouchi 1–chome, Chiyoda–ku, Tokyo 100–8220 (JP).

(81) CN JP KR US; 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] **G21C 19/00**

(11) **WO 00/19449** (13) A2

(21) PCT/DE99/03134

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) de (26) de

(30) 198 44 982.8 **30 Sep/sep 1998 (30.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE AND METHOD FOR RECOMBINING HYDROGEN AND OXYGEN IN A GASEOUS MIXTURE
• PROCEDE ET DISPOSITIF POUR RECOMBINER DE L'HYDROGENE ET DE L'OXYGENE DANS UN MELANGE GAZEUX

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ECKARDT, Bernd** [DE/DE]; Kastanienweg 14, D–63486 Bruchköbel (DE). **HILL, Axel** [DE/DE]; An der Schlossmühle 9, D–64589 Stockstadt (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CA CN ID IN JP KR RU UA US; 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] **G21F 5/015, G21G 4/08, G21K 5/00 // A61K 51/00**

(11) **WO 00/19450** (13) A1

(21) PCT/SE99/01660

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 9803300–4 **29 Sep/sep 1998 (29.09.1998)** SE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INTEGRATED RADIATION SHIED
• ECRAN DE PROTECTION RADIOLOGIQUE INTEGRE

(71) **GEMS PET SYSTEMS AB** [SE/SE]; Husbyborg, S–752 29 Uppsala (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WIBERG, Peter** [SE/SE]; Enängen, Jumkil, S–740 22 Bälinge (SE). **BERGSTRÖM, Jan, Olof** [SE/SE]; Sehlstedtsgatan 6, S–754 41 Uppsala (SE).

(74) **HEDBERG, Åke** et al. / etc.; Aros Patent AB, P.O. Box 1544, S–751 45 Uppsala (SE).

(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 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 US UZ VN YU ZA ZW; 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] **G21F 7/005**

(11) **WO 00/19451** (13) A1

(21) PCT/GB99/03034

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 9821026.3 **29 Sep/sep 1998 (29.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • THROUGH WALL CONNECTOR FOR SUPPLY LINES

• CONNECTEUR PASSE–PAROI POUR LIGNES D'ALIMENTATION

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

(72, 75) **BARLOW, Jonathan** [GB/GB]; BNFL Engineering Limited, Risley, Warrington, Cheshire WA3 6AS (GB).

(74) **PAWLYN, Anthony, Neil**; Urquhart–Dykes & Lord, Tower House, Merrion Way, Leeds LS2 8PA (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 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; 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] **H01B 3/44, C08K 3/22, C08L 23/00**

(11) **WO 00/19452** (13) A1

(21) PCT/EP99/06910

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 98118194.4 **25 Sep/sep 1998 (25.09.1998)** EP

(30) 60/102,926 **1 Oct/oct 1998 (01.10.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LOW–SMOKE SELF–EXTINGUISHING ELECTRICAL CABLE AND FLAME–RETARDANT COMPOSITION USED THEREIN
• CABLE ELECTRIQUE AUTOEXTINGUIBLE, A TRES FAIBLE EMISSION DE FUMEE, ET COMPOSITION IGNIFUGE UTILISEE DANS CELUI–CI

(71) **PIRELLI CAVI E SISTEMI S.P.A.** [IT/IT]; Viale Sarca, 222, I–20126 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GRIZANTE REDONDO, Eduardo** [BR/BR]; Apto 131, Rua Coronel Melo De Oliveira, 86, CEP–05011–040 Perdizes (BR). **PERUZZOTTI, Franco** [IT/IT]; Via Liguria, 18, I–20025 Legnano (IT). **TIRELLI, Diego** [IT/IT]; Via Marsala, 69, I–20099 Sesto San Giovanni (IT). **ALBIZZATI, Enrico** [IT/IT]; Via Trieste, 2, I–28041 Lesa (IT).

(74) **PIRELLI CAVI E SISTEMI S.P.A.**; Viale Sarca, 222, I–20126 Milano (IT).

(81) AU BR CA JP NZ US; 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] **H01B 17/28**

(11) **WO 00/19453** (13) A1

(21) PCT/EP99/07098

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) de (26) de

(30) 198 44 409.5 **28 Sep/sep 1998 (28.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HIGH–VOLTAGE BUSHING
• TRAVERSEE HAUTE TENSION

(71) **HOCHSPANNUNGSGERÄTE PORZ GMBH** [DE/DE]; Kaiserstrasse 127, D–51145 Köln (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRIELINGSDORF, Helmut** [DE/DE]; Buchholzstrasse 27, D–51469 Bergisch Gladbach (DE). **TOLKSDORF, Gunnar** [DE/DE]; Hobrechtstrasse 28, D–12047 Berlin (DE). **EISELT, Martin** [DE/DE]; Philippistrasse 2, D–14059 Berlin (DE).

(74) **ZEDLITZ, Peter**; Postfach 22 13 17, D–80503 München (DE).

(81) US; 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] **H01C 17/232, 7/02**

(11) **WO 00/19454** (13) A1

(21) PCT/US99/23095

(22) **1 Oct/oct 1999 (01.10.1999)**

(25) en (26) en

(30) 60/102,602 **1 Oct/oct 1998 (01.10.1998)** US

(30) 09/408,645 **30 Sep/sep 1999 (30.09.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR HEAT TREATING PTC DEVICES
• PROCEDE POUR LE TRAITEMENT THERMIQUE DE DISPOSITIFS A COEFFICIENT DE TEMPERATURE POSITIF

(71) **LITTELFUSE, INC.** [US/US]; 800 East Northwest Highway, Des Plaines, IL 60016 (US).

(72) **HALL, Tom, J.**; 26 South Regency Court East, Arlington Heights, IL 60004 (US). **WEBER, Michael, J.**; 306 South Prindle, Arlington Heights, IL 60004 (US).

(74) **MORNEAULT, Monique, A.** et al. / etc.; Wallenstein & Wagner, Ltd., 311 South Wacker Drive – 5300, Chicago, IL 60606–6622 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; 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] **H01C 17/24, 17/065**

(11) **WO 00/19455** (13) A1

(21) PCT/US99/21522

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 60/101,892 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TWO–STEP PROCESS FOR PREPARING POSITIVE TEMPERATURE COEFFICIENT POLYMER MATERIALS
• PROCEDE EN DEUX ETAPES POUR PREPARER DES MATIERES POLYMERES A COEFFICIENT DE TEMPERATURE POSITIF

(71) **BOURNS, INC.** [US/US]; 1200 Columbia Avenue, Riverside, CA 92507 (US).

(72) **WONG, Alexander**; 14/F., Flat "E", Block "19", City One, Shatin, N.T., Hong–Kong (CN).

(74) **KLEIN, Howard, J.** et al. / etc.; Klein & Szekeres LLP, Suite 700, 4199 Campus Drive, Irvine, CA 92612 (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 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 UZ VN YU ZA ZW; 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] **H01F 1/057**

(11) **WO 00/19456** (13) A1

(21) PCT/FR99/02184

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) fr (26) fr

(30) 98/12087 **28 Sep/sep 1998 (28.09.1998)** FR

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MAGNETIC MATERIAL BASED ON IRON, COBALT, RARE EARTHS AND BORON AND MAGNET BASED ON SAID MATERIAL
• MATERIAU MAGNETIQUE A BASE DE FER, DE COBALT, DE TERRES RARES ET DE BORE ET AIMANT A BASE DE CE MATERIAU

(71) **RHODIA CHIMIE** [FR/FR]; 25, quai Paul Doumer, F–92408 Courbevoie Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARCHAMBAULT, Valérie** [FR/FR]; 186, avenue de Versailles, F–75016 Paris (FR). **BOUNDS, Charles** [US/US]; 7 Stratford Road, Barrington, RI 02806 (US). **DE KORT, Cees** [NL/NL]; Hoefsmidwei 57, NL–5551 PM Valkenswaard (NL). **RIJKS, Theo** [NL/NL]; Jan van Eyckgracht 101, NL–5643 TE Eindhoven (NL).

(74) **DUBRUC, Philippe**; Rhodia Services, Direction de la Propriété Industrielle, 25, quai Paul Doumer, F–92408 Courbevoie Cedex (FR).

(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; 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)[6] **H01F 27/32, 27/36**

(11) **WO 00/19457** (13) A1

(21) PCT/IB98/01668

(22) **29 Sep/sep 1998 (29.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • THREE PHASE SHELL TYPE TOROIDAL HIGH POWER STATIC ELECTROMAGNETIC DEVICE
• DISPOSITIF ELECTROMAGNETIQUE STATIQUE TOROIDE TRIPHASE HAUTE PUISSANCE A NOYAU

(71) **ASEA BROWN BOVERI, AB** [SE/SE]; Patent, S–721 78 Vasteras (SE).

(72) **SASSE, Christian**; Drottninggatan 4B, S–724 64 Vasteras (SE). **KARLSSON, Jan**; Varmfrontagatan 1, S–723 50 Vasteras (SE). **MIN, Pan**; Vaktargatan 40B, S–754 22 Uppsala (SE).

(74) **DELUCA, John, P.**; Watson Cole Grindle Watson, P.L.L.C., 10th floor, 1400 K Street, N.W., Washington, DC 20005–2477 (US).

(81) AL AM AT 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 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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)[6] **H01F 29/14**

(11) **WO 00/19458** (13) A1

(21) PCT/CA98/00921

(22) **29 Sep/sep 1998 (29.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PERMANENT MAGNETIC CORE DEVICE
• DISPOSITIF A NOYAU MAGNETIQUE PERMANENT

(71) **MODEX–LITE INC.** [CA/CA]; 535 Chaline, St–Lazare, Quebec J7T 2B2 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PIASKOWSKI, Andrew, D.** [CA/CA]; 535 Chaline, St–Lazare, Quebec J7T 2B2 (CA). **GLAVAC, Vladimir** [CA/CA]; 6 Racine, Pincourt, Quebec J7V 8G1 (CA).

(74) **MITCHELL, Robert** et al. / etc.; Swabey Ogilvy Renault, Suite 1600, 1981 McGill College Avenue, Montreal, Quebec H3A 2Y3 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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)[6] **H01F 29/14**

(11) **WO 00/19459** (13) A1

(21) PCT/IB98/01777

(22) **29 Sep/sep 1998 (29.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A SWITCHABLE FLUX CONTROL FOR HIGH POWER STATIC ELECTROMAGNETIC DEVICES
• COMMANDE DE FLUX COMMUTABLE POUR DISPOSITIFS ELECTROMAGNETIQUES STATIQUES HAUTE PUISSANCE

(71) **ASEA BROWN BOVERI, AB** [SE/SE]; Patent, S–721 78 Vasteras (SE).

(72) **SASSE, Christian**; Drottninggatan 4 B, S–724 64 Vasteras (SE). **RUSSBERG, Gunnar**; Forvaltargatan 12, S–724 66 Vasteras (SE). **LEIJON, Mats**; Hyvlargatan 5, S–723 35 Vasteras (SE). **FROMM, Udo**; Liegatan 33, S–724 62 Vasteras (SE). **HOLMBERG, Par**; Haga Parkgate 6C, S–723 36 Vasteras (SE).

(74) **DELUCA, John, P.** et al. / etc.; Watson Cole Grindle Watson, P.L.L.C., 10th floor, 1400 K Street, N.W., Washington, DC 20005–2477 (US).

(81) AL AM AT 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 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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] **H01G 4/228**

(11) **WO 00/19460** (13) A1

(21) PCT/DE99/03034

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) de (26) de

(30) 198 44 951.8 **30 Sep/sep 1998 (30.09.1998)** DE

(30) 198 53 661.5 **20 Nov/nov 1998 (20.11.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METALLIZED PLASTIC/METALLIZED PAPER CAPACITOR HAVING A HIGHER CURRENT CARRYING CAPACITY
• CONDENSATEUR AU PLASTIQUE METALLISE/AU PAPIER METALLISE POUVANT SUPPORTER UNE INTENSITE DE COURANT MAXIMALE ELEVEE

(71) **EPCOS AG** [DE/DE]; St.–Martin–Strasse 53, D–81541 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GOESMANN, Hubertus** [DE/DE]; Morgenbacherweg 5, D–89564 Nattheim (DE). **SCHADT, Franz** [DE/DE]; Bonlandweg 8, D–89429 Bachhagel (DE). **PARGE, Klaus** [DE/DE]; Uhlandstrasse 4, D–89564 Nattheim (DE). **BAEHR, Jürgen** [DE/DE]; Schulstrasse 10, D–89447 Zöschingen (DE).

(74) **EPPING, Wilhelm** et al. / etc.; Epping Hermann & Fischer GbR, Postfach 12 10 26, D–80034 München (DE).

(81) CA HU IN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[6] **H01G 9/00, 9/04, 9/042, 9/02, 4/06, B01J 21/18, 31/00**

(11) **WO 00/19461** (13) A1

(21) PCT/US98/20320

(22) **28 Sep/sep 1998 (28.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FIBRIL COMPOSITE ELECTRODE FOR ELECTROCHEMICAL CAPACITORS

• ELECTRODE COMPOSITE FIBRILLAIRE POUR CONDENSATEURS ELECTROCHIMIQUES

(71) **HYPERION CATALYSIS INTERNATIONAL, INC.** [US/US]; 38 Smith Place, Cambridge, MA 02138 (US).

(72) **NIU, Chun–Ming**; 81 Fottler Avenue, Lexington, MA 02173 (US).

(74) **EVANS, Barry** et al. / etc.; Whitman Breed Abbott & Morgan LLP, 200 Park Avenue, New York, NY 10166 (US).

(81) AU CA JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **H01G 9/00, 9/04, 9/02, 9/10, B65D 51/16, B05D 5/12**

(11) **WO 00/19462** (13) A1

(21) PCT/US99/22315

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/162,526 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD OF MAKING AN ULTRACAPACITOR ELECTRODE
• PROCEDE DE PRODUCTION D'UNE ELECTRODE POUR ULTRACONDENSATEUR

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schnectady, NY 12305 (US).

(72) **JERABEK, Elihu, Calvin**; 504 Feura Bush Road, Glenmont, NY 12077 (US). **MANSFIELD, Sean, Francis**; 304 Caroline Street, Saratoga Springs, NY 12866 (US).

(74) **FREEDMAN, Philip, D.**; Philip D. Freedman PC, 6000 Wescott Hills Way, Alexandria, VA 22315–4747 (US).

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

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(51)[6] **H01G 9/00, 9/022, 9/038**

(11) **WO 00/19463** (13) A1

(21) PCT/US99/22321

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/162,527 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ULTRACAPACITOR ELECTROLYTE
• ULTRACONDENSATEUR ELECTROLYTIQUE

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schnectady, NY 12305 (US).

(72) **CHANG, Wei**; Apartment 2B14, 1187 Hillside Avenue, Niskayuna, NY 12309 (US). **LEBLANC, Oliver, H., Jr.**; 1173 Phoenix Avenue, Schnectady, NY 12308 (US). **JERABEK, Elihu, Calvin**; 504 Feura Bush Road, Glenmont, NY 12077 (US).

(74) **FREEDMAN, Philip, D.**; Philip D. Freedman PC, 6000 Wescott Hills Way, Alexandria, VA 22315–4747 (US).

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

Published / Publiée : *(c)*

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(51)[6] **H01G 9/00, 9/02, 9/022**

(11) **WO 00/19464** (13) A1

(21) PCT/US99/22418

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/162,531 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ULTRACAPACITOR SEPARATOR
• SEPARATEUR D'ULTRACONDENSATEUR

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schnectady, NY 12305 (US).

(72) **CHANG, Wei**; Apartment 2B14, 1187 Hillside Avenue, Niskayuna, NY 12309 (US). **JERABEK, Elihu, Calvin**; 504 Feura Bush Road, Glenmont, NY 12077 (US). **LEBLANC, Oliver, H., Jr.**; 1173 Phoenix Avenue, Schnectady, NY 12308 (US).

(74) **FREEDMAN, Philip, D.**; Philip D. Freedman PC, 6000 Westcott Hills Way, Alexandria, VA 22315–4747 (US).

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

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(51)[6] **H01G 9/00, 9/02, 9/04, 9/038**

(11) **WO 00/19465** (13) A1

(21) PCT/US99/22419

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/166,252 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ULTRACAPACITOR CURRENT COLLECTOR
• COLLECTEUR DE COURANT D'ULTRACONDENSATEUR

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12305 (US).

(72) **JERABEK, Elihu, Calvin**; 504 Feura Bush Road, Glenmont, NY 12077 (US). **MIKKOR, Mati**; 3871 Waldenwood Drive, Ann Arbor, MI 48105 (US).

(74) **FREEDMAN, Philip, D.**; Philip D. Freedman PC, 6000 Wescott Hills Way, Alexandria, VA 22315–4747 (US).

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

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(51)[6] **H01G 9/00, 9/02, 2/10, 4/32, 9/04, 9/10, B65D 51/00**

(11) **WO 00/19466** (13) A1

(21) PCT/US99/22516

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/162,532 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SEALING AN ULTRACAPACITOR
• SCELLEMENT D'UN ULTRACONDENSATEUR

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schnectady, NY 12305 (US).

(72) **IRWIN, Patricia, Chapman**; 1097 Knox Cave Road, Altamont, NY 12009 (US). **FEIST, Thomas, Paul**; 11 Wintergreen Court, Clifton Park, NY 12065 (US).

(74) **FREEDMAN, Philip, D.**; Philip D. Freedman PC, 6000 Wescott Hills Way, Alexandria, VA 22315–4747 (US).

(81) JP; 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] **H01G 9/022, 9/06, 9/08**

(11) **WO 00/19467** (13) A1

(21) PCT/US99/22540

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/163,728 **30 Sep/sep 1998** US **(30.09.1998)**

(30) 09/165,848 **2 Oct/oct 1998** US **(02.10.1998)**

(30) 09/165,779 **2 Oct/oct 1998** US **(02.10.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SMALLER ELECTROLYTIC CAPACITORS FOR IMPLANTABLE DEFIBRILLATORS
• CONDENSATEURS ELECTROLYTIQUES DE TAILLE REDUITE POUR DEFIBRILLATEURS INTERNES

(71) **CARDIAC PACEMAKERS, INC.** [US/US]; 4100 Hamline Avenue North, St. Paul, MN 55112 (US).

(72) **O'PHELAN, Michael, J.**; 6895 Upper 28th Street North, Oakdale, MN 55128 (US). **POPLETT, James, M.**; 6830 Olympia Street, Golden Valley, MN 55427 (US). **TONG, Robert, R.**; 1253 Hillwind Road N.E., Fridley, MN 55432 (US). **BARR, Alexander, Gordon**; 11021 – 27th Avenue, Burnsville, MN 55337 (US).

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

(81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)[7] **H01G 9/025, 9/04**

(11) **WO 00/19468** (13) A1

(21) PCT/JP99/05323

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) ja (26) ja

(30) 10/276925 **30 Sep/sep 1998 (30.09.1998)** JP

(30) 10/276926 **30 Sep/sep 1998 (30.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SOLID ELECTROLYTE CAPACITOR AND ITS MANUFACTURING METHOD
• CONDENSATEUR A ELECTROLYTE SOLIDE ET PROCEDE DE FABRICATION

(71) **NIPPON CHEMI–CON CORPORATION** [JP/JP]; 167–1, Higashiome 1–chome, Ome–shi, Tokyo 198–8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NARAYA, Kazunori** [JP/JP]; Nippon Chemi–Con Corporation, 167–1, Higashiome 1–chome, Ome–shi, Tokyo 198–8501 (JP).

(74) **KIUCHI, Mitsuharu**; Room 404, Hosokawa Building, 1–17, Akasaka 1–chome, Minatu–ku, Tokyo 107–0052 (JP).

(81) KR US; 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] **H01G 9/042**

(11) **WO 00/19469** (13) A1

(21) PCT/US99/22487

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/163,318 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS FOR IMPROVING LEAKAGE AND DISSIPATION FACTOR OF SOLID ELECTROLYTIC CAPACITORS EMPLOYING CONDUCTIVE POLYMER CATHODES
• PROCESSUS D'AMELIORATION DU FACTEUR DE FUITE ET DE DISSIPATION DES CONDENSATEURS ELECTROLYTIQUES SOLIDES UTILISANT DES CATHODES DE POLYMERES CONDUCTEURS

(71) **KEMET ELECTRONICS CORPORATION** [US/US]; Highway 385 S.E., P.O. Box 5928, Greenville, SC 29606 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAHN, Randolph, S.** [US/US]; 102 Brook, Greenville, SC 29607 (US). **LESSNER, Philip, M.** [US/US]; 140 Circle Slope Drive, Simpsonville, SC 29681 (US). **RAJASEKARAN, Veeriya** [US/US]; 222 Crossfield Road, Greenville, SC 29607 (US).

(74) **WOLFFE, Susan, A.** et al. / etc.; Banner & Witcoff, Ltd., 11th floor, 1001 G Street, N.W., Washington, DC 20001–4597 (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 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; 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] **H01G 9/055, 9/048**

(11) **WO 00/19470** (13) A1

(21) PCT/US99/22552

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/163,728 **30 Sep/sep 1998 (30.09.1998)** US

(30) 09/165,779 **2 Oct/oct 1998 (02.10.1998)** US

(30) 09/165,848 **2 Oct/oct 1998 (02.10.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HIGH–ENERGY ELECTROLYTIC CAPACITORS FOR IMPLANTABLE DEFIBRILLATORS
• CONDENSATEURS A ELECTROLYTE A HAUTE ENERGIE POUR DEFIBRILLATEURS IMPLANTABLES

(71) **CARDIAC PACEMAKERS, INC.** [US/US]; 4100 Hamline Avenue North, St. Paul, MN 55112 (US).

(72) **O'PHELAN, Michael, J.**; 6895 Upper 28th Street North, Oakdale, MN 55128 (US). **CHRISTENSON, Luke, J.**; 12309 Fiona Avenue North, White Bear Lake, MN 55110 (US). **POPLETT, James, M.**; 6830 Olympia Street, Golden Valley, MN 55427 (US). **TONG, Robert, R.**; 1253 Hillwind Road N.E., Fridley, MN 55432 (US).

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

(81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **H01H 5/02, 9/00, 13/00**

(11) **WO 00/19471** (13) A1

(21) PCT/US99/22084

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 09/160,645 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PUSHBUTTON SWITCH WITH MAGNETICALLY COUPLED ARMATURE
• COMMUTATEUR A BOUTON–POUSSOIR A COUPLAGE MAGNETIQUE DE LA PALETTE

(71) **DURASWITCH INDUSTRIES, INC.** [US/US]; 234 S. Extension, Sec. 103, Mesa, AZ 85210 (US).

(72) **VAN ZEELAND, Anthony, J.**; 2140 S. Rogers, Mesa, AZ 85202 (US).

(74) **BOCK, Joel, H.**; Dorn, McEachran, Jambor & Keating, 55 East Monroe Street #2940, Chicago, IL 60603 (US).

(81) AU BR CA CN JP KR MX NZ ZA; 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 37/76**

(11) **WO 00/19472** (13) A1

(21) PCT/JP99/05299

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) ja (26) ja

(30) 10/273562 **28 Sep/sep 1998 (28.09.1998)** JP

(30) 11/1338 **6 Jan/jan 1999 (06.01.1999)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CHIP FUSE AND METHOD OF MANUFACTURE THEREOF
• FUSIBLE SUR PUCE ET SON PROCEDE DE FABRICATION

(71) **HOKURIKU ELECTRIC INDUSTRY CO., LTD.** [JP/JP]; 3158, Shimo–okubo, Osawano–machi, Kami–niikawagun, Toyama 939–2292 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOTOKI, Yoshimitsu** [JP/JP]; Hokuriku Electric Industry Co., Ltd., 3158, Shimo–okubo, Osawano–machi, Kami–niikawagun, Toyama 939–2292 (JP). **ISHIYAMA, Ichiro** [JP/JP]; Hokuriku Electric Industry Co., Ltd., 3158, Shimo–okubo, Osawano–machi, Kami–niikawagun, Toyama 939–2292 (JP). **YAMAZAKI, Morikatsu** [JP/JP]; Hokuriku Electric Industry Co., Ltd., 3158, Shimo–okubo, Osawano–machi, Kami–niikawagun, Toyama 939–2292 (JP). **SHIMADA, Mahito** [JP/JP]; Hokuriku Electric Industry Co., Ltd., 3158, Shimo–okubo, Osawano–machi, Kami–niikawagun, Toyama 939–2292 (JP). **NOMURA, Yutaka** [JP/JP]; Hokuriku Electric Industry Co., Ltd., 3158, Shimo–okubo, Osawano–machi, Kami–niikawagun, Toyama 939–2292 (JP). **NAKAYAMA, Takayuki** [JP/JP]; Hokuriku Electric Industry Co., Ltd., 3158, Shimo–okubo, Osawano–machi, Kami–niikawagun, Toyama 939–2292 (JP). **FUKUHISA, Kouji** [JP/JP]; Hokuriku Electric Industry Co., Ltd., 3158, Shimo–okubo, Osawano–machi, Kami–niikawagun, Toyama 939–2292 (JP).

(74) **NISHIURA, Tsuguharu**; Dai–2 Kogyo Building 8F, 2–12, Toranomon 1–chome, Minato–ku, Tokyo 105–0001 (JP).

(81) CN JP KR US.

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(51)[7] **H01H 71/12, H02H 3/00**

(11) **WO 00/19473** (13) A1

(21) PCT/DE99/03090

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) de (26) de

(30) 198 45 825.8 **25 Sep/sep 1998 (25.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CIRCUIT BREAKER WITH A RATED CURRENT PLUG CONNECTOR
• DISJONCTEUR A PRISE DE COURANT NOMINAL

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIZENER, Jeffery–Cullen** [US/DE]; Franzstrasse 9, D–12247 Berlin (DE).

(81) JP US; 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 71/12, 71/02**

(11) **WO 00/19474** (13) A1

(21) PCT/DE99/03240

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) de (26) de

(30) 198 45 799.5 **30 Sep/sep 1998 (30.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ELECTRIC CIRCUIT BREAKER HAVING A DATA STORE
• INTERRUPTEUR ELECTRIQUE DE PUISSANCE COMPORTANT UNE MEMOIRE DE DONNEES

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MUSIOL, Aaron–Ernst** [DE/DE]; Lichtenrader Damm 246, D–12305 Berlin (DE). **TIETZ, Gerhard** [DE/DE]; Bundesallee 79, D–12161 Berlin (DE). **JANKOWIAK, Michael–Alexander** [DE/DE]; Bornhagenweg 49, D–12309 Berlin (DE). **REHAAG, Hans** [DE/DE]; Ilsenburgerstrasse 21, D–16341 Zepernick (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) JP US; 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 85/02, H01F 27/40**

(11) **WO 00/19475** (13) A1

(21) PCT/CH99/00454

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) de (26) de

(30) 98810964.1 **24 Sep/sep 1998 (24.09.1998)** EP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HIGH–VOLTAGE FUSE AND POWER DISTRIBUTION NETWORK
• FUSIBLE POUR COURANT DE HAUTE INTENSITE ET RESEAU DE DISTRIBUTION DE COURANT

(71) **ASCOM SYSTEC AG** [CH/CH]; Gewerbepark, CH–5506 Mägenwil (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WIDMER, Hanspeter** [CH/CH]; Bruggerstrasse 15, CH–5507 Mellingen (CH). **BITTER, Ludger** [DE/DE]; Tucherweg 53, D–40724 Hilden (DE). **HANSEN, Ralf** [DE/DE]; Albert–Schweitzer–Strasse 3, D–41470 Neuss (DE).

(74) **ROSHARDT, Werner, A.** et al. / etc.; Keller & Partner Patentanwälte AG, Zeughausgasse 5, Postfach, CH–3000 Bern 7 (CH).

(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 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; 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] **H01J**

(11) **WO 00/19476** (13) A2

(21) PCT/US99/20217

(22) **2 Sep/sep 1999 (02.09.1999)**

(25) en (26) en

(30) 60/099,019 **3 Sep/sep 1998 (03.09.1998)** US

(30) Not furnished / non communiqué **26 Aug/août 1999 (26.08.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LINE SCANNING CIRCUIT FOR A DUAL–MODE DISPLAY
• CIRCUIT DE BALAYAGE LINEAIRE POUR UN AFFICHAGE EN MODE DOUBLE

(71) **SARNOFF CORPORATION** [US/US]; 201 Washington Road, CN5300, Princeton, NJ 08543–5300 (US).

(72) **DAWSON, Robin, Mark, Adrian**; 184 Coppermine Road, Princeton, NJ 08540 (US). **SHEN, Zilan**; 20212 Heather Drive, Lawrenceville, NJ 08648 (US). **IPRI, Alfred, Charles**; 7 Cotswold Lane, Princeton, NJ 08540 (US). **STEWART, Roger, Green**; 3 Ski Drive, Neshanic Station, NJ 08853 (US). **ATHERTON, James, Harold**; 45 Everitts Road, Ringoes, NJ 08551 (US). **CONNOR, Stephen, John**; 1 Iorio Drive, Trenton, NJ 08620 (US).

(74) **NIGON, Kenneth, N.**; 301 One Westlakes (Berwyn), P.O. Box 980, Valley Forge, PA 19482–0980 (US) et al. / etc.

(81) JP KR; 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] **H01J**

(11) **WO 00/19477** (13) A2

(21) PCT/US99/22104

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 60/101,840 **25 Sep/sep 1998 (25.09.1998)** US

(30) 09/260,890 **2 Mar/mar 1999 (02.03.1999)** US

(30) Not furnished / non communiqué **22 Sep/sep 1999 (22.09.1999)** US

(30) Not furnished / non communiqué **22 Sep/sep 1999 (22.09.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MULTIPLE–HEAD PHOSPHOR SCREEN SCANNER
• SCANNER A ECRAN FLUORESCENT ET A TETES MULTIPLES

(71) **PHORMAX CORPORATION** [US/US]; Suite 101, 124 University Street, Palo Alto, CA 94301 (US).

(72) **CANTU, Gary**; 318 Halyard Lane, Foster City, CA 94404 (US). **EVANS, Wayne**; 370 Calado Avenue, Campbell, CA 95008 (US). **LEWIS, Todd**; 227 Monroe Avenue, Palo Alto, CA 94301 (US). **RAWSON, Eric, G.**; 20887 Maureen Way, Saratoga, CA 95070 (US). **ANDERSON, Perry, Q.**; 2001 Ceder Street, Berkeley, CA 94709 (US).

(74) **HECKADON, David, R.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111–3834 (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 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; 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] **H01J 9/26**

(11) **WO 00/19478** (13) A1

(21) PCT/EP99/07010

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) 98203230.2 **25 Sep/sep 1998 (25.09.1998)** EP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FRIT JIG ASSEMBLY
• ENSEMBLE GABARIT DE MONTAGE EN VERRE DE SCELLEMENT

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

(72) **BRINKGREVE, Peter**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **DEKKERS, Erwin, C., A.**; 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 KR; 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] **H01J 11/02, 9/02**

(11) **WO 00/19479** (13) A1

(21) PCT/JP99/05288

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) ja (26) ja

(30) 10/274649 **29 Sep/sep 1998 (29.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD OF MANUFACTURING PLASMA DISPLAY AND SUBSTRATE STRUCTURE
• PROCEDE DE FABRICATION D'UN ECRAN A PLASMA ET D'UNE STRUCTURE DE SUBSTRAT

(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) **TADAKI, Shinji** [JP/JP]; Fujitsu Limited, 1–1, Kamikodanaka 4–chome, Nakahara–ku, Kawasaki–shi, Kanagawa 211–8588 (JP). **NAMIKI, Fumihiro** [JP/JP]; Fujitsu Limited, 1–1, Kamikodanaka 4–chome, Nakahara–ku, Kawasaki–shi, Kanagawa 211–8588 (JP). **AWAJI, Noriyuki** [JP/JP]; Fujitsu Limited, 1–1, Kamikodanaka 4–chome, Nakahara–ku, Kawasaki–shi, Kanagawa 211–8588 (JP). **HARADA, Hideki** [JP/JP]; Kyushu Fujitsu Electronics Ltd., 5950, Soeda, Iriki–cho, Satsuma–gun, Kagoshima 895–1493 (JP). **IRIE, Katsuya** [JP/JP]; Fujitsu Limited, 1–1, Kamikodanaka 4–chome, Nakahara–ku, Kawasaki–shi, Kanagawa 211–8588 (JP). **KOSAKA, Tadayoshi** [JP/JP]; Fujitsu Limited, 1–1, Kamikodanaka 4–chome, Nakahara–ku, Kawasaki–shi, Kanagawa 211–8588 (JP).

(74) **NOGAWA, Shintaro**; Minamimorimachi Park Building, 1–3, Nishitenma 5–chome, Kita–ku, Osaka–shi, Osaka 530–0047 (JP).

(81) JP KR US; 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] **H01J 29/82, 29/86**

(11) **WO 00/19480** (13) A1

(21) PCT/EP99/06641

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) en (26) en

(30) 98203290.6 **30 Sep/sep 1998 (30.09.1998)** EP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CATHODE RAY TUBE AND DEFLECTION UNIT
• TUBE CATHODIQUE ET SON DEFLECTEUR

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

(72) **VAN ALPHEN, Willem, M.**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **DEN ENGELSEN, Daniël**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **JONKHOF, Mark, N.**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **WASSINK, Michiel, H.**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **VAN DER WILK, Ronald**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **WILLEMS, Antonius, H., J.**; 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 KR; 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] **H01J 37/00**

(11) **WO 00/19481** (13) A2

(21) PCT/US99/20890

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/161,074 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LOW CONTAMINATION HIGH DENSITY PLASMA ETCH CHAMBERS AND METHODS FOR MAKING THE SAME
• CHAMBRE DE GRAVURE AU PLASMA HAUTE DENSITE ET A FAIBLE CONTAMINATION, ET PROCEDES DE FABRICATION CORRESPONDANTS

(63) US 09/161,074 (CON) 25 Sep/sep 1998 (25.09.1998)

(71) **LAM RESEARCH CORPORATION** [US/US]; 4650 Cushing Parkway, Fremont, CA 94538–6470 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WICKER, Thomas, E.** [US/US]; 4430 Fairview Road, Reno, NV 89511 (US). **MARASCHIN, Robert, A.** [US/US]; 21629 Edward Way, Cupertino, CA 95014 (US). **KENNEDY, William, S.** [US/US]; 46 Cape Hatteras Court, Redwood Shores, CA 94065 (US).

(74) **PETERSON, James, W.**; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313–1404 (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 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; 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)[6] **H01J 37/244**

(11) **WO 00/19482** (13) A1

(21) PCT/JP98/04297

(22) **25 Sep/sep 1998 (25.09.1998)**

(25) ja (26) ja

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SCANNING ELECTRON MICROSCOPE
• MICROSCOPE ELECTRONIQUE A BALAYAGE

(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) **SAWAHATA, Tetsuya** [JP/JP]; Instrument Division, Hitachi, Ltd., 882, Ichige, Hitachinaka–shi, Ibaraki 312–0033 (JP). **SATO, Mitsugu** [JP/JP]; Instrument Division, Hitachi, Ltd., 882, Ichige, Hitachinaka–shi, Ibaraki 312–0033 (JP). **OSE, Yoichi** [JP/JP]; Instrument Division, Hitachi, Ltd., 882, Ichige, Hitachinaka–shi, Ibaraki 312–0033 (JP).

(74) **OGAWA, Katsuo**; Hitachi, Ltd., 5–1, Marunouchi 1–chome, Chiyoda–ku, Tokyo 100–8220 (JP).

(81) CN JP KR US; 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] **H01J 37/32**

(11) **WO 00/19483** (13) A1

(21) PCT/CH99/00399

(22) **30 Aug/août 1999 (30.08.1999)**

(25) de (26) de

(30) 1986/98 **30 Sep/sep 1998 (30.09.1998)** CH

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • VACUUM TREATMENT CHAMBER AND METHOD FOR TREATING SURFACES
• CHAMBRE DE TRAITEMENT SOUS VIDE ET PROCEDE DE TRAITEMENT DE SURFACE

(71) **BALZERS AKTIENGESELLSCHAFT** [LI/LI]; FL–9496 Balzers (LI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEICHART, Jürgen** [DE/LI]; Rietstrasse 7, FL–9496 Balzers (LI).

(74) **TROESCH SCHEIDEGGER WERNER AG**; Siewerdtstrasse 95, Postfach, CH–8050 Zürich (CH).

(81) JP KR US; 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] **H01J 49/04**

(11) **WO 00/19484** (13) A1

(21) PCT/US99/22446

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 09/162,258 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • VORTEX GAS FLOW INTERFACE FOR ELECTROSPRAY MASS SPECTROMETRY
• INTERFACE A ECOULEMENT GAZEUX TOURBILLONNAIRE DESTINEE A UNE SPECTROMETRIE DE MASSE PAR ELECTRONEBULISATION

(71) **VARIAN, INC.** [US/US]; 3120 Hansen Way, Palo Alto, CA 94304 (US).

(72) **WELLS, Gregory, J.**; 3011 Beechwood Court, Fairfield, CA 94533 (US). **TONG, Roger, C.**; 949 Fresno Avenue, Berkeley, CA 94707 (US). **YEE, Peter, P.**; 10089 Alcosta Boulevard, San Ramon, CA 94583 (US).

(74) **FISHMAN, Bella** et al. / etc.; Varian, Inc., Legal Dept., 3120 Hansen Way, D–102, Palo Alto, CA 94304 (US).

(81) CA JP; 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] **H01J 61/067**

(11) **WO 00/19485** (13) A1

(21) PCT/DE99/02885

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) de (26) de

(30) 198 44 720.5 **29 Sep/sep 1998 (29.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DIMMABLE DISCHARGE LAMP FOR DIELECTRICALLY IMPEDED DISCHARGES
• LAMPES A DECHARGE AVEC VARIATION D'INTENSITE DESTINEES A DES DECHARGES A INHIBITION DIELECTRIQUE

(71) **PATENT–TREUHAND–GESELLSCHAFT FÜR ELEKTRISCHE GLÜHLAMPEN MBH** [DE/DE]; Hellabrunner Strasse 1, D–81543 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VOLLKOMMER, Frank** [DE/DE]; Neuriederstrasse 18, D–82131 Buchendorf (DE). **HITZSCHKE, Lothar** [DE/DE]; Theodor–Alt–Strasse 6, D–81737 München (DE).

(74) **PATENT–TREUHAND–GESELLSCHAFT FÜR ELEKTRISCHE GLÜHLAMPEN MBH**; Postfach 22 16 34, D–80506 München (DE).

(81) CA CN HU IN JP KR US; 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] **H01J 61/067**

(11) **WO 00/19486** (13) A1

(21) PCT/DE99/02898

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) de (26) de

(30) 198 44 725.6 **29 Sep/sep 1998 (29.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • GAS DISCHARGE LAMP WITH CONTROLLABLE LENGTH OF ILLUMINATION
• LAMPE A DECHARGE DE LONGUEUR LUMINEUSE REGLABLE

(71) **PATENT–TREUHAND–GESELLSCHAFT FÜR ELEKTRISCHE GLÜHLAMPEN MBH** [DE/DE]; Hellabrunner Strasse 1, D–81543 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VOLLKOMMER, Frank** [DE/DE]; Neuriederstrasse 18, D–82131 Buchendorf (DE). **HITZSCHKE, Lothar** [DE/DE]; Theodor–Alt–Strasse 6, D–81737 München (DE).

(74) **PATENT–TREUHAND–GESELLSCHAFT FÜR ELEKTRISCHE GLÜHLAMPEN MBH**; Postfach 22 16 34, D–80506 München (DE).

(81) CA CN HU IN JP KR US; 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] **H01J 61/067**

(11) **WO 00/19487** (13) A1

(21) PCT/DE99/02899

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) de (26) de

(30) 198 44 721.3 **29 Sep/sep 1998 (29.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DISCHARGE LAMP FOR DIELECTRICALLY IMPEDED DISCHARGES WITH IMPROVED ELECTRODE CONFIGURATION
• LAMPE A DECHARGE DESTINEE A DES DECHARGES A INHIBITION DIELECTRIQUE ET DOTEE D'ELECTRODES DE CONFIGURATION AMELIOREE

(71) **PATENT–TREUHAND–GESELLSCHAFT FÜR ELEKTRISCHE GLÜHLAMPEN MBH** [DE/DE]; Hellabrunner Strasse 1, D–81543 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VOLLKOMMER, Frank** [DE/DE]; Neuriederstrasse 18, D–82131 Buchendorf (DE). **HITZSCHKE, Lothar** [DE/DE]; Theodor–Alt–Strasse 6, D–81737 München (DE). **JEREBIC, Simon** [SI/DE]; Weidener Strasse 7, D–81737 München (DE).

(74) **PATENT–TREUHAND–GESELLSCHAFT FÜR ELEKTRISCHE GLÜHLAMPEN MBH**; Postfach 22 16 34, D–80506 München (DE).

(81) CA CN HU IN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **H01J 61/28, 61/24, 61/20**

(11) **WO 00/19488** (13) A1

(21) PCT/JP99/05143

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) ja (26) ja

(30) 10/274807 **29 Sep/sep 1998 (29.09.1998)** JP

(30) 11/209969 **23 Jul/juil 1999 (23.07.1999)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LOW–PRESSURE MERCURY VAPOR DISCHARGE LAMP AND ILLUMINATOR
• LAMPE A DECHARGE A VAPEUR DE MERCURE BASSE PRESSION ET DISPOSITIF D'ECLAIRAGE

(71) **TOSHIBA LIGHTING & TECHNOLOGY CORPORATION** [JP/JP]; 3–1, Higashishinagawa 4–chome, Shinagawa–ku, Tokyo 140–8640 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YORIFUJI, Takashi** [JP/JP]; 5–8–26 Numama, Zushi–shi, Kanagawa 249–0004 (JP). **SUGIYAMA, Kenji** [JP/JP]; 5–10–3–B302 Negishi–cho, Yokosuka–shi, Kanagawa 239–0807 (JP). **NAKAMURA, Toshiyuki** [JP/JP]; 363–14 Kumura, Yokosuka–shi, Kanagawa 239–0834 (JP). **YAMADA, Ichiro** [JP/JP]; 2–15–2–104 Ooka, Minami–ku, Yokohama–shi, Kanagawa 232–0061 (JP).

(74) **YAMASHITA, Hajime**; 5–5 Shiba 3–chome, Minato–ku, Tokyo 105–0014 (JP).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS 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; 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] **H01K 1/32**

(11) **WO 00/19489** (13) A1

(21) PCT/DE99/02897

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) de (26) de

(30) 198 44 519.9 **28 Sep/sep 1998** DE **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ELECTRIC INCANDESCENT LAMP WITH INFRARED REFLECTING LAYER
• LAMPE A INCANDESCENCE ELECTRIQUE DOTEE D'UNE COUCHE A REFLEXION INFRAROUGE

(71) **PATENT–TREUHAND–GESELLSCHAFT FÜR ELEKTRISCHE GLÜHLAMPEN MBH** [DE/DE]; Hellabrunner Strasse 1, D–81543 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BINDER, Ulrich** [DE/DE]; Herzogstrasse 46, D–80803 München (DE). **MÜLLER, Sigbert** [DE/DE]; Karlsbader Strasse 12a, D–86356 Neusäß (DE). **BUNK, Axel** [DE/DE]; Höglwörther Strasse 382b, D–81379 München (DE).

(74) **PATENT–TREUHAND–GESELLSCHAFT FÜR ELEKTRISCHE GLÜHLAMPEN MBH**; Postfach 22 16 34, D–80506 München (DE).

(81) CA JP KR US; 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 21/00**

(11) **WO 00/19490** (13) A2

(21) PCT/US99/16794

(22) **23 Jul/juil 1999 (23.07.1999)**

(25) en (26) en

(30) 09/162,579 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DUMMY FILL CELL FOR REDUCING LAYER–TO–LAYER INTERACTION
• CELLULE DE REMPLISSAGE FICTIVE POUR LA REDUCTION DE L'INTERACTION INTERCOUCHE

(71) **CONEXANT SYSTEMS, INC.** [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660–3095 (US).

(72) **ZWINGMAN, Robert**; 20364 Trails End Road, Walnut, CA 91789 (US). **JOSHI, Aniruddha**; 8 Santa Cruz Aisle, Irvine, CA 92606 (US).

(74) **TAKAHASHI, Mark, M.**; Snell & Wilmer L.L.P., One Arizona Center, 400 East Van Buren, Phoenix, AZ 85004–0001 (US).

(81) JP; 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 21/00**

(11) **WO 00/19491** (13) A1

(21) PCT/US99/21237

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 09/163,711 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR CLEANING A PROCESS CHAMBER
• PROCEDE DE NETTOYAGE D'UNE CHAMBRE DE TRAITEMENT

(71) **APPLIED MATERIALS, INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).

(72) **VASUDEV, Anand**; 1859 Indian Creek Court, San Jose, CA 95148 (US). **ITOH, Toshio**; 2291 Princeton Street, Palo Alto, CA 94306 (US). **SRINIVAS, Ramanujapuram, A.**; 6609 Mount Holly Drive, San Jose, CA 95120 (US). **WU, Frederick**; 7771 Orion Place, Cupertino, CA 95014 (US). **WU, Li**; 2589 Olive Avenue, Fremont, CA 94539 (US). **BOYLE, Brian**; 193 Marietta Drive, San Francisco, CA 94127 (US). **CHANG, Mei**; 12881 Corte de Arguello, Saratoga, CA 95070 (US).

(74) **BERNADICOU, Michael, A.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman L.L.P., 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) CN JP KR SG; 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 21/00**

(11) **WO 00/19492** (13) A2

(21) PCT/US99/22033

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 09/163,495 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CATHODE ASSEMBLY CONTAINING AN ELECTROSTATIC CHUCK FOR RETAINING A WAFER IN A SEMICONDUCTOR WAFER PROCESSING SYSTEM
• ENSEMBLE CATHODES CONTENANT UN MANDRIN ELECTROSTATIQUE DESTINE A RETENIR UNE PLAQUETTE DANS UN SYSTEME DE TRAITEMENT DE PLAQUETTES A SEMI–CONDUCTEUR

(71) **APPLIED MATERIALS, INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).

(72) **HAUSMANN, Gilbert**; 155 Tennyson Avenue, Ben Lomond, CA 95005 (US). **SUBRAMANI, Anantha**; 3098 Linkfield Way, San Jose, CA 95135 (US). **SATITPUNWAYCHA, Peter**; 3421 Granada Avenue, #36, Santa Clara, CA 95051 (US). **GRISTI, Raymond**; 4110 Wingham Place, San Jose, CA 95135 (US). **STIMSON, Bradley, O.**; 1257 Hanchett Avenue, San Jose, CA 95126 (US). **LU, Chia–Au Bill**; 28 New Dawn, Irvine, CA 92620 (US). **RINGOR, Lawrance, A.**; 1076 Wright Avenue, Mountain View, CA 94043 (US). **SUGARMAN, Michael, N.**; 134 Belvedere Street, San Francisco, CA 94117 (US).

(74) **BERNADICOU, Michael, A.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) CN JP KR SG; 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 21/00**

(11) **WO 00/19493** (13) A2

(21) PCT/US99/22038

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 09/161,970 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SINGLE WAFER LOAD LOCK WITH INTERNAL WAFER TRANSPORT
• SAS UNIQUE DE CHARGEMENT DE PLAQUETTES A TRANSPORT INTERNE DES PLAQUETTES

(71) **APPLIED MATERIALS, INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).

(72) **KROEKER, Tony**; 439 Patricia, Georgetown, TX 78628 (US).

(74) **BERNADICOU, Michael, A.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) JP KR.

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(51)[7] **H01L 21/00, H01J 1/14, 19/24**

(11) **WO 00/19494** (13) A1

(21) PCT/US99/22334

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 60/102,159 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR MANUFACTURING CARBON NANOTUBES AS FUNCTIONAL ELEMENTS OF MEMS DEVICES
• PROCEDE DE FABRICATION DE NANOTUBES DE CARBONE COMME ELEMENTS FONCTIONNELS DE DISPOSITIFS A SYSTEME DE FABRICATION ELECTROMECANIQUE (MEMS)

(71) **XIDEX CORPORATION** [US/US]; Suite 105, 8906 Wall Street, Austin, TX 78754 (US).

(72) **MANCEVSKI, Vladimir**; 4806 Alta Loma Drive, Austin, TX 78749 (US).

(74) **McLAUCHLAN, Robert, A.**; Gray Cary Ware & Freidenrich LLP, Suite 1440, 100 Congress Avenue, Austin, TX 78701 (US).

(81) AU CN JP KR; 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 21/00**

(11) **WO 00/19495** (13) A2

(21) PCT/US99/22488

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/163,722 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CHAMBER LINER FOR SEMICONDUCTOR PROCESS CHAMBERS
• GARNITURE DE CHAMBRE DESTINEE AUX CHAMBRES DE TRAITEMENT DE SEMI–CONDUCTEURS

(71) **LAM RESEARCH CORPORATION** [US/US]; 4650 Cushing Parkway, Fremont, CA 94538 (US).

(72) **SCHOEPP, Alan, M.**; 10010 Highway 9, Ben Lomond, CA 95005 (US). **DENTY, William, M., Jr.**; 2217 Kenwood Avenue, San Jose, CA 95128 (US). **BARNES, Michael**; 12215 Santa Terasa Drive, San Ramon, CA 94583 (US).

(74) **MARTINE, Peter, B.**; Martine Penilla & Kim, LLP, 710 Lakeway Drive, Suite 170, Sunnyvale, CA 94086 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; 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)[6] **H01L 21/027, G21K 5/02, 5/08, G03F 7/20, H05G 2/00, H01J 35/22**

(11) **WO 00/19496** (13) A1

(21) PCT/JP98/04338

(22) **28 Sep/sep 1998 (28.09.1998)**

(25) ja (26) ja

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LASER PLASMA X–RAY GENERATOR, SEMICONDUCTOR ALIGNER HAVING THE GENERATOR, AND SEMICONDUCTOR EXPOSURE METHOD
• GENERATEUR AU PLASMA LASER DE RAYONS X, DISPOSITIF D'ALIGNEMENT DE SEMICONDUCTEURS POSSEDANT CE GENERATEUR ET PROCEDE D'EXPOSITION DE SEMICONDUCTEURS

(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) **MATSUI, Tetsuya** [JP/JP]; 12–6–2, Nishinarusawacho 3–chome, Hitachi–shi, Ibaraki 316–0032 (JP). **KOGAWA, Nobuyoshi** [JP/JP]; 628, Hirakuecho, Mito–shi, Ibaraki 311–4144 (JP).

(74) **OGAWA, Katsuo**; Hitachi, Ltd., 5–1, Marunouchi 1–chome, Chiyoda–ku, Tokyo 100–8220 (JP).

(81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **H01L 21/027, G03F 9/00**

(11) **WO 00/19497** (13) A1

(21) PCT/JP99/05394

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) ja (26) ja

(30) 10/294479 **30 Sep/sep 1998 (30.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ALIGNMENT METHOD AND METHOD FOR PRODUCING DEVICE USING THE ALIGNMENT METHOD
• PROCEDE D'ALIGNEMENT ET PROCEDE POUR L'OBTENTION D'UN DISPOSITIF AU MOYEN DU PROCEDE D'ALIGNEMENT

(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) **MAEDA, Koji** [JP/JP]; Nikon Corporation, 2–3, Marunouchi 3–chome, Chiyoda–ku, Tokyo 100–8331 (JP).

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

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG 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 US UZ VN YU ZA ZW; 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 21/027, 21/314, 21/768, 23/532, C23C 16/32, C01B 31/36**

(11) **WO 00/19498** (13) A1

(21) PCT/US99/22424

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 09/165,248 **1 Oct/oct 1998 (01.10.1998)** US

(30) 09/219,945 **23 Dec/déc 1998 (23.12.1998)** US

(30) 09/270,039 **16 Mar/mar 1999 (16.03.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • *IN SITU* DEPOSITION OF LOW K SI CARBIDE BARRIER LAYER, ETCH STOP, AND ANTI–REFLECTIVE COATING FOR DAMASCENE APPLICATIONS
• PROCEDE DE FORMATION *IN SITU* D'UNE COUCHE BARRIERE, D'UNE COUCHE D'ARRET DE LA GRAVURE ET D'UNE COUCHE ANTI–REFLECHISSANTE A FAIBLE CONSTANTE DIELECTRIQUE ET A BASE DE CARBURE DE SILICIUM POUR LES APPLICATIONS DE DAMASQUINAGE

(71) **APPLIED MATERIALS, INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).

(72) **HUANG, Judy**; 16788 Leroy Avenue, Los Gatos, CA 95032 (US).

(74) **TACKETT, Keith, M.**; Thomason, Moser & Patterson, Suite 1500, 3040 Post Oak Boulevard, Houston, TX 77056 (US).

(81) JP KR; 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**

(11) **WO 00/19499** (13) A1

(21) PCT/EP99/07230

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/163,897 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR THE TRANSFER OF THIN LAYERS OF MONOCRYSTALLINE MATERIAL ONTO A DESIRABLE SUBSTRATE
• PROCEDE DE TRANSFERT DE COUCHES MINCES DE MATIERE MONOCRISTALLINE SUR UN SUBSTRAT VOULU

(71) **MAX–PLANCK–GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V.** [DE/DE]; Hofgartenstrasse 2, D–80539 München (DE).

(72) **GÖSELE, Ulrich**; Rathenauplatz 14, D–06114 Halle (DE). **TONG, Quin–Yi**; Research Triangle Institute, Wafer Bonding Laboratory, 145 Herbert Building, Research Triangle Park, Durham, NC 27709 (US).

(74) **MANITZ, FINSTERWALD & PARTNER GBR**; Postfach 22 16 11, D–80506 München (DE).

(81) JP KR SG; 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, 27/12, 29/786**

(11) **WO 00/19500** (13) A1

(21) PCT/JP99/05231

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) ja (26) ja

(30) 10/272126 **25 Sep/sep 1998** JP **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SEMICONDUCTOR SUBSTRATE AND ITS PRODUCTION METHOD, SEMICONDUCTOR DEVICE COMPRISING THE SAME AND ITS PRODUCTION METHOD
• SUBSTRAT A SEMI–CONDUCTEUR ET SON PROCEDE DE FABRICATION, DISPOSITIF A SEMI–CONDUCTEUR COMPRENANT UN TEL SUBSTRAT ET SON PROCEDE DE FABRICATION

(71) **ASAHI KASEI KOGYO KABUSHIKI KAISHA** [JP/JP]; 2–6, Dojimahama 1–chome, Kita–ku, Osaka–shi, Osaka 530–8205 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MORISHITA, Takashi** [JP/JP]; Kureru Ando #304, 2–16–19, Ando, Shizuoka–shi, Sizuoka 420–0882 (JP). **MATSUI, Masahiro** [JP/JP]; 3689–13, Imaizumi, Fuji–shi, Sizuoka 417–0001 (JP).

(74) **TANI, Yoshikazu**; No. 6–20, Akasaka 2–chome, Minato–ku, Tokyo 107–0052 (JP).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; 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 21/205, 21/3065, 21/31, C23C 16/511, H05H 1/46**

(11) **WO 00/19501** (13) A1

(21) PCT/JP99/05312

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) ja (26) ja

(30) 10/293048 **30 Sep/sep 1998** JP **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND APPARATUS FOR PLASMA PROCESSING
• PROCEDE ET APPAREIL DE TRAITEMENT AU PLASMA

(71) **TOKYO ELECTRON LIMITED** [JP/JP]; 3–6, Akasaka 5–chome, Minato–ku, Tokyo 107–8481 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IMAHASHI, Issei** [JP/JP]; 1321–1, Iwamori, Futaba–cho, Kitakoma–gun, Yamanashi 407–0106 (JP). **ISHII, Nobuo** [JP/JP]; 6–1–30, Aogein, Minoo–shi, Osaka 562–0025 (JP). **KAWAKAMI, Satoru** [JP/JP]; 2–3–26–401, Minami–dai, Sagamihara–shi, Kanagawa 228–0814 (JP). **KAWAI, Yoshinobu** [JP/JP]; 503, Takahashi Bldg., 1–2–7, Baikoen, Chuo–ku, Fukuoka–shi, Fukuoka 810–0035 (JP). **UEDA, Yoko** [JP/JP]; 1003, Verudecourt, 3–3–6, Momochihama, Sawara–ku, Fukuoka–shi, Fukuoka 814–0001 (JP).

(74) **SATO, Kazuo** et al. / etc.; Kyowa Patent & Law Office, Room 323, Fuji Bldg., 2–3, Marunouchi 3–chome, Chiyoda–ku, Tokyo 100–0005 (JP).

(81) IL JP KR SG US; 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 21/22, 21/68, 21/205**

(11) **WO 00/19502** (13) A1

(21) PCT/JP99/05258

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) ja (26) ja

(30) 10/272901 **28 Sep/sep 1998** JP **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • VERTICAL FURNACE AND WAFER BOAT FOR VERTICAL FURNACE
• FOURNEAU VERTICAL ET NACELLE PORTE–TRANCHES

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4–chome, Chiyoda–ku, Tokyo 101–8010 (JP). **KOKUSAI ELECTRIC CO., LTD.** [JP/JP]; 14–20, Higashinakano 3–chome, Nakano–ku, Tokyo 164–0003 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TSURUKI, Masaki** [JP/JP]; Mechanical Engineering Research Laboratory, Hitachi, Ltd., 502 Kandatsumachi, Tsuchiura–shi, Ibaraki 300–0013 (JP). **MACHIDA, Takashi** [JP/JP]; Mechanical Engineering Research Laboratory, Hitac i, Ltd., 502 Kandatsumachi, Tsuchiura–shi, Ibaraki 300–0013 (JP). **MIYATA, Toshimitsu** [JP/JP]; Kokusai Electric Co., Ltd., 14–20 Higashinakano 3–chome, Nakano–ku, Tokyo 164–8511 (JP).

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

(81) JP KR US.

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(51)[7] **H01L 21/266, 21/74, 21/8226, 21/761, 31/11**

(11) **WO 00/19503** (13) A1

(21) PCT/EP99/05942

(22) **13 Aug/août 1999 (13.08.1999)**

(25) de (26) de

(30) 198 44 531.8 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR PRODUCING TRANSISTORS
• PROCEDE DE FABRICATION DE TRANSISTORS

(71) **GRÜTZEDIEK, Ursula** [DE/DE]; An der Klosterheck 16, D–55130 Mainz (DE). **SCHEERER, Jutta** [DE/DE]; Am Fort Weisenau 38, D–55130 Mainz (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GRÜTZEDIEK, Hartmut** [DE/DE]; An der Klosterheck 16, D–55130 Mainz (DE). **SCHEERER, Joachim** [DE/DE]; Am Fort Weisenau 38, D–55130 Mainz (DE).

(74) **OPPERMANN, Frank** et al. / etc.; John–F.–Kennedy–Strasse 4, D–65189 Wiesbaden (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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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 21/28**

(11) **WO 00/19504** (13) A2

(21) PCT/US99/21633

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 09/160,834 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHODS FOR FABRICATING INTERPOLY DIELECTRICS IN NON–VOLATILE STACKED–GATE MEMORY STRUCTURES
• PROCEDES DE FABRICATION DE DIELECTRIQUES EN SILICIUM POLYCRISTALLIN DANS DES STRUCTURES MEMOIRES REMANENTES A PLUSIEURS GRILLES

(71) **CONEXANT SYSTEMS, INC.** [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660–3095 (US).

(72) **BHATTACHARYA, Surya, S.**; 31 Santa Catalina Aisle, Irvine, CA 92606 (US). **KRISHNAMURTHY, Shyam**; 3220 Sawtelle Boulevard #208, Los Angeles, CA 90066 (US). **WU, Hong, J.**; 14702 Oak Avenue, Irvine, CA 92606 (US). **SHARMA, Umesh**; 785 Alderwood Drive, Newport Beach, CA 92660 (US).

(74) **POTE, Daniel, R.**; Snell & Wilmer L.L.C., One Arizona Center, 400 East Van Buren, Phoenix, AZ 85004–0001 (US).

(81) JP; 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 21/306, G01B 11/06**

(11) **WO 00/19505** (13) A1

(21) PCT/US99/20889

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/163,303 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND APPARATUS FOR IMPROVING ACCURACY OF PLASMA ETCHING PROCESS
• PROCEDE ET APPAREIL POUR AMELIORER LA PRECISION DE PROCEDES DE GRAVURE AU PLASMA

(71) **LAM RESEARCH CORPORATION** [US/US]; 4650 Cushing Parkway, Fremont, CA 94538–6470 (US).

(72) **KLIPPERT, Walter, E., II**; 27 Hetfield Place, Moraga, CA 94556–1906 (US). **KADAVANICH, Vikorn, Martin**; Feuerwehrheimstrasse 17, D–83457 Bayerisch Gmain (DE).

(74) **PETERSON, James, W.**; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313–1404 (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 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; 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 21/311**

(11) **WO 00/19506** (13) A1

(21) PCT/US99/20888

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/163,301 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD OF PLASMA ETCHING DIELECTRIC MATERIALS
• PROCEDE DE GRAVURE AU PLASMA DE MATERIAUX DIELECTRIQUES

(71) **LAM RESEARCH CORPORATION** [US/US]; 4650 Cushing Parkway, Fremont, CA 94538–6470 (US).

(72) **ZHU, Helen**; 777 Lexington Street, Milpitas, CA 95035 (US). **LINDQUIST, Roger, F.**; 829 Laura Court, Campbell, CA 95008 (US).

(74) **PETERSON, James, W.**; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313–1404 (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 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; 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 21/314**

(11) **WO 00/19507** (13) A1

(21) PCT/JP99/05203

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) ja (26) ja

(30) 10/290037 **28 Sep/sep 1998 (28.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD OF PLASMA–ASSISTED FILM DEPOSITION
• DEPOT DE FILM ASSISTE PAR PLASMA

(71) **TOKYO ELECTRON LIMITED** [JP/JP]; 3–6, Akasaka 5–chome, Minato–ku, Tokyo 107–8481 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUKIAGE, Noriaki** [JP/JP]; A–103, Sakuragaoka–ryo, 1–56–1, Sakuragaoka, Tama–shi, Tokyo 206–0013 (JP).

(74) **SATO, Kazuo** et al. / etc.; Kyowa Patent & Law Office, Room 323, Fuji Building, 2–3, Marunouchi 3–chome, Chiyoda–ku, Tokyo 100–0005 (JP).

(81) IL JP KR SG US; 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 21/314, 21/768, 23/532, 21/027, C23C 16/32**

(11) **WO 00/19508** (13) A1

(21) PCT/US99/22425

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 09/165,248 **1 Oct/oct 1998 (01.10.1998)** US

(30) 09/219,945 **23 Dec/déc 1998 (23.12.1998)** US

(30) 09/270,039 **16 Mar/mar 1999 (16.03.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SILICON CARBIDE DEPOSITION METHOD AND USE AS A BARRIER LAYER AND PASSIVATION LAYER
• PROCEDE DE FORMATION D'UN DEPOT DE CARBURE DE SILICIUM UTILISE EN TANT QUE COUCHE BARRIERE ET COUCHE DE PASSIVATION

(71) **APPLIED MATERIALS, INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).

(72) **RATHI, Sudha**; 2748 Westberry Drive, San Jose, CA 95132 (US). **XU, Ping**; 10289 Brittany Court, Cupertino, CA 95054 (US). **BENCHER, Christopher**; 977–2 Asilomar Terrance, Cupertino, CA 95054 (US). **HUANG, Judy**; 16788 Leroy Avenue, Los Gatos, CA 95032 (US). **HUANG, Kegang**; 44100 Packard Court, Fremont, CA 94539 (US). **NGAI, Chris**; 2606 Sumit Drive, Burlingame, CA 94010 (US).

(74) **TACKETT, Keith**; Thomason, Moser & Patterson, Suite 1500, 3040 Post Oak Boulevard, Houston, TX 77056 (US).

(81) JP KR; 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 21/336**

(11) **WO 00/19509** (13) A2

(21) PCT/EP99/06699

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 98203246.8 **28 Sep/sep 1998 (28.09.1998)** EP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD OF MANUFACTURING A SEMICONDUCTOR DEVICE WITH A FIELD EFFECT TRANSISTOR
• PROCEDE DE FABRICATION D'UN DISPOSITIF A SEMICONDUCTEUR AVEC TRANSISTOR A EFFET DE CHAMP

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

(72) **SCHMITZ, Jurriaan**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **WOERLEE, Pierre, H.**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **MONTREE, Andreas, H.**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **HOUBIERS, Ernest, E., M., G.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(81) CA CN JP KR; 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 21/336**

(11) **WO 00/19510** (13) A2

(21) PCT/US99/19526

(22) **26 Aug/août 1999 (26.08.1999)**

(25) en (26) en

(30) 09/162,272 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ELEVATED CHANNEL MOSFET
• TRANSISTOR MOS A EFFET DE CHAMP A CANAL SURELEVE

(71) **CONEXANT SYSTEMS, INC.** [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660–3095 (US).

(72) **AUGUSTO, Carlos**; 1650 Park Newport #315, Newport Beach, CA 92660 (US).

(74) **TAKAHASHI, Mark, M.**; Snell & Wilmer L.L.C., One Arizona Center, 400 East Van Buren, Phoenix, AZ 85004–0001 (US).

(81) JP; 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 21/336, 21/265**

(11) **WO 00/19511** (13) A1

(21) PCT/US99/22603

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/163,155 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEPOSITION OF OXIDE LAYER ON THE GATE
• DEPOT D'UNE COUCHE D'OXYDE SUR LA GRILLE

(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 211–88 (JP). **FUJITSU AMD SEMICONDUCTOR LIMITED (FASL)** [JP/JP]; 6, Kigyodanci, Mondenmachi, Aizuwakamatsu–shi, Fukushima 965–845 (JP).

(72) **ISHIGAKI, Toru**; 555 W. Middlefield Road, K–208, Mountain View, CA 94043 (US).

(74) **PITRUZZELLA, Vincenzo, D.**; Advanced Micro Devices, Inc., One AMD Place, Mail Stop 68, Sunnyvale, CA 94088–3453 (US).

(81) JP KR; 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 21/338, 29/812**

(11) **WO 00/19512** (13) A1

(21) PCT/US99/21135

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 09/163,124 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PSEUDOMORPHIC HIGH ELECTRON MOBILITY TRANSISTORS
• TRANSISTORS PSEUDOMORPHIQUES A FORTE MOBILITE D'ELECTRONS

(71) **RAYTHEON COMPANY** [US/US]; 141 Spring Street, Lexington, MA 02421 (US).

(72) **TONG, Elsa, K.**; 144 Oxbow Road, Wayland, MA 01778 (US).

(74) **SHARKANSKY, Richard, M.**; Fish & Richardson, P.C., 225 Franklin Street, Boston, MA 02110–02804 (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 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; 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 21/56, G06K 19/077, B29C 45/14**

(11) **WO 00/19513** (13) A1

(21) PCT/DE99/02659

(22) **25 Aug/août 1999 (25.08.1999)**

(25) de (26) de

(30) 198 44 640.3 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR MOULDING A FLAT ELECTRONICS MODULE ONTO THE BODY OF A PLASTIC CARD BY MEANS OF THERMOPLASTIC INJECTION MOULDING
• PROCEDE PERMETTANT DE COULER UN MODULE ELECTRONIQUE PLAT DANS UN CORPS CARTE EN PLASTIQUE PAR MOULAGE THERMOPLASTIQUE PAR INJECTION

(71) **SIEMENS ELECTROMECHANICAL COMPONENTS GMBH & CO. KG** [DE/DE]; Gustav–Heinemann–Ring 212, D–81739 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DEKEYSER, Jean–Pierre** [BE/BE]; Van Maerlantstraat 10, B–8020 Oostkamp (BE). **SCHMIDT, Helge** [DE/DE]; Am Woogbach 33, D–67346 Speyer (DE). **PREINER, Peter** [AT/DE]; Noestrasse 20, D–81479 München (DE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **H01L 21/60, 23/12**

(11) **WO 00/19514** (13) A1

(21) PCT/JP98/04337

(22) **28 Sep/sep 1998 (28.09.1998)**

(25) ja (26) ja

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SEMICONDUCTOR PACKAGE AND FLIP–CHIP BONDING METHOD THEREFOR
• BOITIER DE SEMICONDUCTEUR ET PROCEDE CORRESPONDANT DE SOUDAGE DE PUCE

(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) **KAJIWARA, Ryouichi** [JP/JP]; 35–20–305, Kujicho 2–chome, Hitachi–shi, Ibaraki 319–1222 (JP). **KOIZUMI, Masahiro** [JP/JP]; 12–3, Mikanoharacho 2–chome, Hitachi–shi, Ibaraki 316–0026 (JP). **MORITA, Toshiaki** [JP/JP]; 17–2–304, Moriyamacho 3–chome, Hitachi–shi, Ibaraki 316–0025 (JP). **TAKAHASHI, Kazuya** [JP/JP]; 3600–267, Nakane, Hitachinaka–shi, Ibaraki 312–0011 (JP). **NISHIMURA, Asao** [JP/JP]; 13–12–405, Honcho 4–chome, Kokubunji–shi, Tokyo 185–0012 (JP). **TSUBOSAKI, Kunihiro** [JP/JP]; 2–29–22, Higashihirayama, Hino–shi, Tokyo 191–0054 (JP).

(74) **OGAWA, Katsuo**; Hitachi, Ltd., 5–1, Marunouchi 1–chome, Chiyoda–ku, Tokyo 100–8220 (JP).

(81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **H01L 21/60**

(11) **WO 00/19515** (13) A1

(21) PCT/JP99/04786

(22) **3 Sep/sep 1999 (03.09.1999)**

(25) ja (26) ja

(30) 10/292933 **30 Sep/sep 1998** JP **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF, CIRCUIT BOARD AND ELECTRONIC EQUIPMENT
• DISPOSITIF SEMI–CONDUCTEUR ET PROCEDE DE FABRICATION DE CELUI–CI, CARTE DE CIRCUIT IMPRIME ET EQUIPEMENT ELECTRONIQUE

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4–1, Nishi–shinjuku 2–chome, Shinjuku–ku, Tokyo 163–0811 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HASHIMOTO, Nobuaki** [JP/JP]; Seiko Epson Corporation, 3–5, Owa 3–chome, Suwa–shi, Nagano 392–8502 (JP).

(74) **INOUE, Hajime** et al. / etc.; Ogikubo TM Building 2nd floor, 26–13, Ogikubo 5–chome, Suginami–ku, Tokyo 167–0051 (JP).

(81) CN JP KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **H01L 21/60, 21/311**

(11) **WO 00/19516** (13) A1

(21) PCT/JP99/04787

(22) **3 Sep/sep 1999 (03.09.1999)**

(25) ja (26) ja

(30) 10/292934 **30 Sep/sep 1998 (30.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SEMICONDUCTOR DEVICE, CONNECTION METHOD FOR SEMICONDUCTOR CHIP, CIRCUIT BOARD AND ELECTRONIC APPARATUS
• DISPOSITIF SEMI–CONDUCTEUR, PROCEDE DE CONNEXION POUR MICROPLAQUETTE SEMI–CONDUCTRICE, CARTE DE CIRCUIT IMPRIME ET APPAREIL ELECTRONIQUE

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4–1, Nishi–shinjuku 2–chome, Shinjuku–ku, Tokyo 163–0811 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HASHIMOTO, Nobuaki** [JP/JP]; Seiko Epson Corporation, 3–5, Owa 3–chome, Suwa–shi, Nagano 392–8502 (JP).

(74) **INOUE, Hajime** et al. / etc.; 2nd floor, Ogikubo TM Building 26–13, Ogikubo 5–chome, Suginami–ku, Tokyo 167–0051 (JP).

(81) CN JP KR US; 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 21/60**

(11) **WO 00/19517** (13) A1

(21) PCT/JP99/05285

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) ja (26) ja

(30) 10/294637 **30 Sep/sep 1998 (30.09.1998)** JP

(30) 10/294638 **30 Sep/sep 1998 (30.09.1998)** JP

(30) 11/219249 **2 Aug/août 1999 (02.08.1999)** JP

(30) 11/219250 **2 Aug/août 1999 (02.08.1999)** JP

(30) 11/219251 **2 Aug/août 1999 (02.08.1999)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SEMICONDUCTOR CHIP AND MANUFACTURE METHOD THEREOF
• MICROPLAQUETTE SEMI–CONDUCTRICE ET PROCEDE DE FABRICATION

(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) **ENOMOTO, Ryo** [JP/JP]; Ogaki–kita–kojou, Ibiden Kabushiki Kaisha, 1, Kitakata 1–chome, Ibigawacho, Ibi–gun, Gifu 501–0695 (JP). **YABASHI, Hideo** [JP/JP]; Ogaki–kita–kojou, Ibiden Kabushiki Kaisha, 1, Kitakata 1–chome, Ibigawacho, Ibi–gun, Gifu 501–0695 (JP). **SUGIYAMA, Tadashi** [JP/JP]; Ogaki–kita–kojou, Ibiden Kabushiki Kaisha, 1, Kitakata 1–chome, Ibigawacho, Ibi–gun, Gifu 501–0695 (JP). **HATADA, Kenzo** [JP/JP]; 8–3, Nanseidai 4–chome, Katanoshi, Osakafu 576–0013 (JP).

(74) **TASHITA, Akihito** et al. / etc.; Horii–Building, 3F, 1–27, Kamimaezu 2–chome, Naka–ku, Nagoya–shi, Aichi 460–0013 (JP).

(81) KR US; 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 21/66, G01N 21/21**

(11) **WO 00/19518** (13) A1

(21) PCT/US99/20610

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) en (26) en

(30) 60/102,167 **28 Sep/sep 1998 (28.09.1998)** US

(30) 09/294,869 **20 Apr/avr 1999 (20.04.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • OPTICAL INSPECTION EQUIPMENT FOR SEMICONDUCTOR WAFERS WITH PRECLEANING
• EQUIPEMENT DE CONTROLE OPTIQUE POUR TRANCHES DE SEMI–CONDUCTEURS AVEC MODULE DE PRENETTOYAGE

(71) **THERMA–WAVE, INC.** [US/US]; 1250 Reliance Way, Fremont, CA 94539 (US).

(72) **ROSENCWAIG, Allan**; 3304 Deer Hollow Drive, Danville, CA 94506 (US). **WEI, Lanhua**; 34309 Eucalyptus Terrace, Fremont, CA 94555 (US).

(74) **STALLMAN, Michael, A.** et al. / etc.; Limbach & Limbach L.L.P., 2001 Ferry Building, San Francisco, CA 94111 (US).

(81) JP; 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 21/68**

(11) **WO 00/19519** (13) A1

(21) PCT/US99/20615

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/163,370 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ELECTROSTATIC DECHUCKING METHOD AND APPARATUS FOR DIELECTRIC WORKPIECES IN VACUUM PROCESSORS
• PROCEDE ET APPAREIL PERMETTANT DE RETIRER D'UN MANDRIN ELECTROSTATIQUE DES PIECES DIELECTRIQUES DANS DES DISPOSITIFS DE TRAITEMENT PAR LE VIDE

(71) **LAM RESEARCH CORPORATION** [US/US]; 4650 Cushing Parkway, Fremont, CA 94538 (US).

(72) **HOWALD, Arthur, M.**; 4233 Cabernet Court, Pleasanton, CA 94566 (US). **HOLLAND, John, P.**; 1565 Calaveras Avenue, San Jose, CA 95126 (US).

(74) **LOWE, Allan, M.**; Lowe Hauptman Gopstein Gilman & Berner, LLP, Suite 310, 1700 Diagonal Road, Alexandria, VA 22314 (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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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 21/68, H01J 37/32**

(11) **WO 00/19520** (13) A1

(21) PCT/US99/21336

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 09/164,389 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHODS AND APPARATUS FOR DETERMINING AN ETCH ENDPOINT IN A PLASMA PROCESSING SYSTEM
• PROCEDE ET APPAREIL AMELIORES PERMETTANT DE DETERMINER LE POINT FINAL D'UNE L'ATTAQUE CHIMIQUE DANS UN SYSTEME DE TRAITEMENT AU PLASMA

(71) **LAM RESEARCH CORPORATION** [US/US]; 4650 Cushing Parkway, Fremont, CA 94538–6470 (US).

(72) **WINNICZEK, Jaroslaw, W.**; Suite 10, 730 Pointe Pacific Drive, Daly City, CA 94014 (US). **DASSAPA, M., J., François, Chandrasekar**; 43241 Coit Avenue, Fremont, CA 94539 (US). **HUDSON, Eric, A.**; 1820 Catalina Avenue, Berkeley, CA 94707 (US). **WIEPKING, Mark**; 442 North Cypress Avenue, Santa Clara, CA 95050 (US).

(74) **NGUYEN, Joseph, A.**; Beyer & Weaver LLP, P.O. Box 61059, Palo Alto, CA 94306 (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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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 21/68**

(11) **WO 00/19521** (13) A1

(21) PCT/US99/22036

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 09/163,232 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CHUCK WITH INTEGRATED PIEZOELECTRIC SENSORS FOR WAFER DETECTION
• MANDRIN A CAPTEURS PIEZO–ELECTRIQUES INTEGRES, DESTINES A DETECTER UNE PLAQUETTE A SEMI–CONDUCTEUR

(71) **APPLIED MATERIALS, INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).

(72) **BROWN, Karl**; 445 Milan Drive #222, San Jose, CA 95134 (US). **KHURANA, Nitin**; 1700 Halford Avenue #205, Santa Clara, CA 95051 (US). **BURKHART, Vincent, E.**; 435 Richfield Drive #4, San Jose, CA 95129 (US).

(74) **BERNADICOU, Michael, A.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) CN JP KR SG; 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 21/768, 23/485**

(11) **WO 00/19522** (13) A1

(21) PCT/US99/20249

(22) **2 Sep/sep 1999 (02.09.1999)**

(25) en (26) en

(30) 09/163,135 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IMPROVED METHODS FOR BARRIER LAYER FORMATION
• AMELIORATIONS APPORTEES A DES PROCEDES DE FORMATION DE COUCHE BARRIERE

(71) **CONEXANT SYSTEMS, INC.** [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660–3095 (US).

(72) **DORNISCH, Dieter**; 2732 York Road, Carlsbad, CA 92008 (US).

(74) **PILLOTE, Cynthia, L.**; Snell & Wilmer L.L.C., One Arizona Center, 400 East Van Buren, Phoenix, AZ 85004–0001 (US).

(81) JP; 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 21/768, 23/522**

(11) **WO 00/19523** (13) A1

(21) PCT/US99/22382

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/161,176 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HIGH–PERFORMANCE DUAL–DAMASCENE INTERCONNECT STRUCTURES
• STRUCTURES D'INTERCONNEXION A DEUX DAMASQUINAGES HAUTE PERFORMANCE

(71) **CONEXANT SYSTEMS, INC.** [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660–3095 (US).

(72) **ZHAO, Bin**; 14 Figaro, Irvine, CA 92606 (US).

(74) **POTE, Daniel, R.**; Snell & Wilmer L.L.P., One Arizona Center, 400 East Van Buren, Phoenix, AZ 85004–0001 (US).

(81) CA CN JP; 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 21/768**

(11) **WO 00/19524** (13) A2

(21) PCT/US99/22567

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/163,967 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IC INTERCONNECT STRUCTURES AND METHODS FOR MAKING SAME
• STRUCTURES D'INTERCONNEXION POUR CIRCUITS INTEGRES ET LEURS PROCEDES DE FABRICATION

(71) **CONEXANT SYSTEMS, INC.** [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660–3095 (US).

(72) **ZHAO, Bin**; 14 Figaro, Irvine, CA 92606 (US). **BRONGO, Maureen, R.**; 27381 Lost Trail Drive, Laguna Hills, CA 92653 (US).

(74) **POTE, Daniel, R.**; Snell & Wilmer L.L.P., One Arizona Center, 400 East Van Buren, Phoenix, AZ 85004–0001 (US).

(81) JP; 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 21/8242, 27/108**

(11) **WO 00/19525** (13) A1

(21) PCT/DE99/02724

(22) **1 Sep/sep 1999 (01.09.1999)**

(25) de (26) de

(30) 198 44 967.4 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SUBSTRATE WITH AN INDENTATION FOR AN INTEGRATED CIRCUIT DEVICE AND METHOD FOR THE PRODUCTION THEREOF
• SUBSTRAT DOTE D'UN CREUX ADAPTE A UNE CONFIGURATION DE CIRCUIT INTEGRE ET SON PROCEDE DE PRODUCTION

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILLER, Josef** [DE/DE]; Friedr.–Fröbel–Strasse 62, D–85521 Riemerling (DE). **HOFMANN, Franz** [DE/DE]; Herbergstr. 25 B, D–80995 München (DE). **SCHLÖSSER, Till** [DE/DE]; Blombergstrasse 40, D–81825 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) JP KR US; 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 21/8242**

(11) **WO 00/19526** (13) A1

(21) PCT/DE99/02760

(22) **1 Sep/sep 1999 (01.09.1999)**

(25) de (26) de

(30) 198 45 033.8 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SEMICONDUCTOR MEMORY CELL AND METHOD FOR PRODUCING THE SAME
• CELLULE D'ACCUMULATION A SEMI–CONDUCTEUR ET PROCEDE D'ACCUMULATION DE LADITE CELLULE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAZURE–ESPEJO, Carlos** [DE/DE]; Breisacher Strasse 14, D–81667 München (DE). **RÖHR, Thomas** [DE/DE]; Gaussring 8, D–85609 Aschheim (DE). **DEHM, Christine** [DE/DE]; Öfelestrasse 14, D–81543 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CN JP KR US; 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 21/8242, 27/108**

(11) **WO 00/19527** (13) A1

(21) PCT/DE99/02937

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) de (26) de

(30) 198 45 058.3 **30 Sep/sep 1998 (30.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DRAM CELL SYSTEM AND METHOD FOR PRODUCING SAME
• CONFIGURATION DE CELLULES DRAM ET SON PROCEDE DE PRODUCTION

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILLER, Josef** [DE/DE]; Friedr.–Fröbel–Str. 62, D–85521 Riemerling (DE). **HOFMANN, Franz** [DE/DE]; Herbergstr. 25 B, D–80995 München (DE). **SCHLÖSSER, Till** [DE/DE]; Blombergstr. 40, D–81825 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) JP KR US; 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 21/8242, 27/108**

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(21) PCT/DE99/02939

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) de (26) de

(30) 198 45 004.4 **30 Sep/sep 1998 (30.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DRAM CELL SYSTEM AND METHOD FOR PRODUCING SAME
• CONFIGURATION DE CELLULE DRAM ET SON PROCEDE DE PRODUCTION

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILLER, Josef** [DE/DE]; Friedr.–Fröbel–Str. 62, D–85521 Riemerling (DE). **HOFMANN, Franz** [DE/DE]; Herbergstr. 25 B, D–80995 München (DE). **SCHLÖSSER, Till** [DE/DE]; Blombergstr. 40, D–81825 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) JP KR US; 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 21/8242, 21/8246, 21/8239, 27/108, 27/112**

(11) **WO 00/19529** (13) A1

(21) PCT/DE99/03031

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) de (26) de

(30) 198 44 083.9 **25 Sep/sep 1998 (25.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INTEGRATED CIRCUIT COMPRISING VERTICAL TRANSISTORS, AND A METHOD FOR THE PRODUCTION THEREOF
• ENSEMBLE CIRCUIT INTEGRE COMPORTANT DES TRANSISTORS VERTICAUX, ET SON PROCEDE DE PRODUCTION

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RÖSNER, Wolfgang** [DE/DE]; Heinzelmännchenstrasse 2, D–81739 München (DE). **HOFMANN, Franz** [DE/DE]; Herbergstrasse 25 B, D–80995 München (DE). **BERTAGNOLLI, Emmerich** [IT/AT]; Sieveringer Strasse 135, A–1190 Wien (AT). **GÖBEL, Bernd** [DE/DE]; Kurt–Eisner–Strasse 41/VII, D–81735 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CN JP KR US; 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 21/8242, 27/108, 21/033**

(11) **WO 00/19530** (13) A1

(21) PCT/DE99/03139

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) de (26) de

(30) 198 44 997.6 **30 Sep/sep 1998 (30.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • VERTICAL FIELD EFFECT TRANSISTOR WITH AN INTERIOR GATE AND METHOD FOR PRODUCING THE SAME
• TRANSISTOR A EFFET DE CHAMP VERTICAL AVEC GRILLE INTERIEURE, ET PROCEDE DE PRODUCTION CORRESPONDANT

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LE, Thoai–Thai** [DE/DE]; Ottobrunner Strasse 43, D–81737 München (DE). **LINDOLF, Jürgen** [DE/DE]; Terlaner Strasse 2, D–86316 Friedberg (DE). **BRASS, Eckhard** [DE/DE]; Adejeweg 20, D–82008 Unterhaching (DE). **SCHNEIDER, Helmut** [DE/DE]; Siegmund–Schacky–Strasse 20, D–80993 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) JP KR US; 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 23/48, 23/498, 23/31, 21/60**

(11) **WO 00/19531** (13) A1

(21) PCT/US99/19084

(22) **23 Aug/août 1999 (23.08.1999)**

(25) en (26) en

(30) 09/162,652 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BACKSIDE ELECTRICAL CONTACT STRUCTURE FOR A MODULE HAVING AN EXPOSED BACKSIDE
• STRUCTURE DE CONTACT ELECTRIQUE DE PARTIE ARRIERE POUR MODULE A PARTIE ARRIERE EXPOSEE

(71) **CONEXANT SYSTEMS, INC.** [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660–3095 (US).

(72) **HASHEMI, Hassan, S.**; 30862 Calle Barbosa, Laguna Niguel, CA 92677 (US).

(74) **TAKAHASHI, Mark, M.**; Snell & Wilmer L.L.P., One Arizona Center, 400 E. Van Buren, Phoenix, AZ 85004–0001 (US).

(81) JP; 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 23/498**

(11) **WO 00/19532** (13) A1

(21) PCT/US99/14800

(22) **29 Jun/juin 1999 (29.06.1999)**

(25) en (26) en

(30) 09/163,781 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PACKAGE FOR PROVIDING IMPROVED ELECTRICAL CONTACT AND METHODS FOR FORMING THE SAME
• BOITIER POUR FORMER UN MEILLEUR CONTACT ELECTRIQUE ET PROCEDES DE REALISATION CORRESPONDANTS

(71) **CONEXANT SYSTEMS, INC.** [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660–3095 (US).

(72) **TRINH, Trang, N.**; 11690 Midway Drive, Cypress, CA 90630 (US). **KUHLMAN, Mark, A.**; 25026 Rancho Clemente, Laguna Niguel, CA 92677 (US).

(74) **PILLOTE, Cynthia, L.**; Snell & Wilmer L.L.P., One Arizona Center, 400 East Van Buren, Phoenix, AZ 85004–0001 (US).

(81) JP; 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 23/50**

(11) **WO 00/19533** (13) A1

(21) PCT/JP99/05230

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) ja (26) ja

(30) 10/291378 **30 Sep/sep 1998** JP **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CLAD PLATE FOR LEAD FRAMES, LEAD FRAME USING THE SAME, AND METHOD OF MANUFACTURING THE LEAD FRAME
• SUBSTRAT PLAQUE, DESTINE A DES CADRES DE MONTAGE, CADRE DE MONTAGE METTANT EN OEUVRE UN TEL SUBSTRAT, ET PROCEDE DE FABRICATION DE CE CADRE

(71) **TOYO KOHAN CO., LTD.** [JP/JP]; 4–3, Kasumigaseki 1–chome, Chiyoda–ku, Tokyo 100–8911 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAIJO, Kinji** [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296–1, Higashitoyoi, Kudamatsu–shi, Yamaguchi 744–8611 (JP). **YOSHIDA, Kazuo** [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296–1, Higashitoyoi, Kudamatsu–shi, Yamaguchi 744–8611 (JP). **OHSAWA, Sinji** [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296–1, Higashitoyoi, Kudamatsu–shi, Yamaguchi 744–8611 (JP).

(74) **OHTA, Akio**; Toyo Kohan Co., Ltd., 4–3, Kasumigaseki 1–chome, Chiyoda–ku, Tokyo 100–8911 (JP).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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; 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 23/522, 21/768**

(11) **WO 00/19534** (13) A1

(21) PCT/US99/16455

(22) **23 Jul/juil 1999 (23.07.1999)**

(25) en (26) en

(30) 09/162,185 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NITRIDE ETCH STOP FOR POISONED UNLANDED VIAS
• COUCHE D'ARRET D'ATTAQUE CHIMIQUE, A BASE DE NITRURE, POUR TRAVERSEES SANS PASTILLE, EMPOISONNEES

(71) **CONEXANT SYSTEMS, INC.** [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660–3095 (US).

(72) **LIU, Qizhi**; 835–13 West Stevens Avenue, Santa Ana, CA 92707 (US). **FEILER, David**; 15146 Hesby Street, Sherman Oaks, CA 91403 (US).

(74) **FISHER, John, A.**; Snell & Wilmer L.L.P., One Arizona Center, 400 East Van Buren, Phoenix, AZ 85004–0001 (US).

(81) JP; 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 27/02, 27/082, 21/8226**

(11) **WO 00/19535** (13) A1

(21) PCT/EP99/07226

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) de (26) de

(30) 198 44 531.8 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SEMICONDUCTOR STRUCTURE FOR SEMICONDUCTOR COMPONENTS
• STRUCTURE SEMI–CONDUCTRICE POUR COMPOSANTS A SEMI–CONDUCTEUR

(71) **GRÜTZEDIEK, Ursula** [DE/DE]; An der Klosterheck 16, D–55130 Mainz (DE). **SCHEERER, Jutta** [DE/DE]; Am Fort Weisenau 38, D–55130 Mainz (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GRÜTZEDIEK, Hartmut** [DE/DE]; An der Klosterheck 16, D–55130 Mainz (DE). **SCHEERER, Joachim** [DE/DE]; Am Fort Weisenau 38, D–55130 Mainz (DE).

(74) **OPPERMANN, Frank** et al. / etc.; John–F.–Kennedy–Strasse 4, D–65189 Wiesbaden (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 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; 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 27/085**

(11) **WO 00/19536** (13) A1

(21) PCT/DE99/02924

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) de (26) de

(30) 198 44 130.4 **25 Sep/sep 1998** DE **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ELECTRONIC SWITCHING DEVICE WITH AT LEAST TWO SEMICONDUCTOR COMPONENTS
• DISPOSITIF DE COMMUTATION ELECTRONIQUE COMPRENANT AU MOINS DEUX ELEMENTS SEMI–CONDUCTEURS

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE). **MITLEHNER, Heinz** [DE/DE]; Danziger Strasse 1A, D–91080 Uttenreuth (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DOHNKE, Karl–Otto** [DE/DE]; Ringstrasse 74, D–96117 Memmelsdorf (DE). **STEPHANI, Dietrich** [DE/DE]; Hans–Birkmayr–Strasse 7, D–91088 Bubenreuth (DE). **WEIS, Benno** [DE/DE]; Amselstrasse 8, D–91334 Hemhofen (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CN JP US; 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 27/112, 27/115, 21/8246, 21/8247**

(11) **WO 00/19537** (13) A1

(21) PCT/CN99/00127

(22) **27 Aug/août 1999 (27.08.1999)**

(25) zh (26) zh

(30) 98 1 19572.5 **24 Sep/sep 1998** CN **(24.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • THREE DIMENSIONAL ROM
• MEMOIRE ROM TRIDIMENSIONNELLE

(71, 72) **ZHANG, Guobiao** [CN/CN]; Box 001, Tiaodeng River Post Office, Chengdu City, Sichuan Province 610051 (CN).

(74) **CCPIT PATENT AND TRADEMARK LAW OFFICE**; 8th floor, Fuchengmenwai Sreet 2, Beijing 100037 (CN).

(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 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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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 27/115, 21/8247, 27/02**

(11) **WO 00/19538** (13) A1

(21) PCT/FR99/02298

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) fr (26) fr

(30) 98/12145 **29 Sep/sep 1998 (29.09.1998)** FR

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SELF–ALIGNED NON–VOLATILE CONTACTLESS MEMORY CELL WITH REDUCED SURFACE
• CELLULE MEMOIRE NON VOLATILE, AUTO–ALIGNEE, SANS CONTACT ET A SURFACE REDUITE

(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) **HARTMANN, Joël** [FR/FR]; 22 bis, chemin Bellevue, F–38640 Claix (FR).

(74) **RICHARD, Patrick**; Brevatome, 3, rue du Docteur Lancereaux, F–75008 Paris (FR).

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

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(51)[6] **H01L 29/76, 29/94, 27/148, G11C 7/00**

(11) **WO 00/19539** (13) A1

(21) PCT/US99/22566

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/164,000 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CELL BASED ARRAY HAVING COMPUTE/DRIVE RATIOS OF N:1
• MATRICE A BASE DE CELLULES AVEC RAPPORTS CALCUL/COMMANDE DE N:1

(71) **SYNOPSYS, INC.** [US/US]; 700 East Middlefield Road, Mountain View, CA 94042–1722 (US).

(72) **IRANMANESH, Ali, Akbar**; 1478 Prince Edward Way, Sunnyvale, CA 94087 (US). **SAWHNEY, Puneet**; 707 Continental Circle, 1435, Mountain View, CA 94040 (US).

(74) **EAKIN, James, E.**; McDermott, Will & Emery, 2700 Sand Hill Road, Menlo Park, CA 94025 (US).

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

Published / Publiée : *(c)*

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(51)[7] **H01L 29/78**

(11) **WO 00/19540** (13) A1

(21) PCT/EP99/06629

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) en (26) en

(30) 9820904.2 **26 Sep/sep 1998 (26.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BI–DIRECTIONAL SEMICONDUCTOR SWITCH, AND SWITCH CIRCUIT FOR BATTERY–POWERED EQUIPMENT
• INTERRUPTEUR BIDIRECTIONNEL A SEMI–CONDUCTEUR ET CIRCUIT DE COMMUTATION POUR EQUIPEMENTS ALIMENTES PAR BATTERIE

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

(72) **GROVER, Raymond, J.**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **STEVENS, Brian, T.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(81) JP; 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 29/80**

(11) **WO 00/19541** (13) A1

(21) PCT/JP99/05278

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) ja (26) ja

(30) 10/276954 **30 Sep/sep 1998 (30.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ELECTROSTATIC INDUCTION TRANSISTOR
• TRANSISTOR A INDUCTION ELECTROSTATIQUE

(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) **YATSUO, Tsutomu** [JP/JP]; Hitachi Research Laboratory of Hitachi, Ltd., 1–1, Omika–cho 7–chome, Hitachi–shi, Ibaraki 319–1292 (JP). **OHNO, Toshiyuki** [JP/JP]; Hitachi Research Laboratory of Hitachi, Ltd., 1–1, Omika–cho 7–chome, Hitachi–shi, Ibaraki 319–1292 (JP). **ONOSE, Hidekatsu** [JP/JP]; Hitachi Research Laboratory of Hitachi, Ltd., 1–1, Omika–cho 7–chome, Hitachi–shi, Ibaraki 319–1292 (JP). **OIKAWA, Saburo** [JP/JP]; Hitachi Research Laboratory of Hitachi, Ltd., 1–1, Omika–cho 7–chome, HItachi–shi, Ibaraki 319–1292 (JP).

(74) **TAKADA, Yukihiko** et al. / etc.; 1–48, Saiwai–cho 2–chome, Hitachi–shi, Ibaraki 317–0073 (JP).

(81) US; 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 31/042, E04D 13/18**

(11) **WO 00/19542** (13) A1

(21) PCT/DE99/03043

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) de (26) de

(30) 298 17 311.5 **26 Sep/sep 1998 (26.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SOLAR ELEMENT FIXING DEVICE
• FIXATION POUR ELEMENT SOLAIRE

(71) **HAUSPROFI BAUSYSTEME GMBH** [DE/DE]; Rudolf–Diesel–Strasse 12, D–72250 Freudenstadt (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SCHÜRMANN, Wolfram** [DE/DE]; Rehnocken 93, D–58456 Witten (DE). **KÖNIG, Peter** [DE/DE]; Hallwanger Strasse 15, D–72250 Freudenstadt (DE).

(74) **KOHLER SCHMID + PARTNER PATENTANWÄLTE GBR**; Ruppmannstrasse 27, D–70565 Stuttgart (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 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; 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)[6] **H01L 31/105, H04B 10/12**

(11) **WO 00/19543** (13) A1

(21) PCT/JP99/05170

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) ja (26) ja

(30) 10/291504 **29 Sep/sep 1998 (29.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PHOTODIODE AND OPTICAL COMMUNICATION SYSTEM
• PHOTODIODE ET SYSTEME DE COMMUNICATION OPTIQUE

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4–1, Nishi–Shinjuku 2–chome, Shinjuku–ku, Tokyo 163–0811 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KITAMURA, Shojiro** [JP/JP]; Seiko Epson Corporation, 3–5, Owa 3–chome, Suwa–shi, Nagano 392–8502 (JP). **KAWASE, Takeo** [JP/JP]; Seiko Epson Corporation, 3–5, Owa 3–chome, Suwa–shi, Nagano 392–8502 (JP). **KANEKO, Takeo** [JP/JP]; Seiko Epson Corporation, 3–5, Owa 3–chome, Suwa–shi, Nagano 392–8502 (JP).

(74) **SUZUKI, Kisaburo** et al. / etc.; Intellectual Property Department, Seiko Epson Corporation, 3–5, Owa 3–chome, Suwa–shi, Nagano 392–8502 (JP).

(81) KR US; 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 31/105, 31/0304**

(11) **WO 00/19544** (13) A1

(21) PCT/US99/22339

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/161,097 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HIGHLY–DOPED P–TYPE CONTACT FOR HIGH–SPEED, FRONT–SIDE ILLUMINATED PHOTODIODE
• CONTACT DE TYPE P HAUTEMENT DOPE POUR PHOTODIODE HAUTE VITESSE A ECLAIRAGE PAR LE HAUT

(71) **PICOMETRIX INC.** [US/US]; 2901 Hubbard Road, Ann Arbor, MI 48105 (US).

(72) **WILLIAMSON, Steven, L.**; 2553 Bunker Hill Road, Ann Arbor, MI 48105 (US). **SACKS, Robert, N.**; 3844 Day Spring Drive, Hillard, OH 43026 (US). **VALDMANIS, Janis, A.**; 10610 Mountainview, Dexter, MI 48130 (US). **HEMYARI, Kadhair, Al**; 6946 Kendal, Dearborn, MI 48126 (US).

(74) **OBERHOLTZER, Steven, L.** et al. / etc.; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; 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 33/00**

(11) **WO 00/19545** (13) A1

(21) PCT/DE99/02064

(22) **5 Jul/juil 1999 (05.07.1999)**

(25) de (26) de

(30) 198 44 971.2 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SURFACE–EMITTING DIODE RADIATION SOURCE
• SOURCE DE RAYONNEMENT DE DIODE A EMISSION PAR LA SURFACE

(71) **OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG** [DE/DE]; Wernerwerkstrasse 2, D–93049 Regensburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AMANN, Markus–Christian** [DE/DE]; Aronstabstrasse 6, D–80935 München (DE).

(74) **OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG**; Epping, Wilhelm, Postfach 22 13 17, D–80503 München (DE).

(81) CN JP US; 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 33/00, F21K 7/00**

(11) **WO 00/19546** (13) A1

(21) PCT/EP99/07015

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 98203247.6 **28 Sep/sep 1998** EP **(28.09.1998)**

(30) 99200723.7 **10 Mar/mar 1999** EP **(10.03.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LIGHTING SYSTEM
• SYSTEME D'ECLAIRAGE

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

(71) **PHILIPS CORPORATE INTELLECTUAL PROPERTY GMBH** [DE/DE]; Habsburgerallee 11, D–52066 Aachen (DE).
(only for / seulement pour DE)

(72) **BÖRNER, Herbert, F.**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **BUSSELT, Wolfgang**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **JÜSTEL, Thomas**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **NIKOL, Hans**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **RONDA, Cornelis, R.**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **HARBERS, Gerard**; 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 IN JP KR; 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 33/00, G02B 5/09, F21V 7/09**

(11) **WO 00/19547** (13) A1

(21) PCT/US99/19182

(22) **23 Aug/août 1999 (23.08.1999)**

(25) en (26) en

(30) 09/161,206 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BICONIC REFLECTOR FOR COLLECTING RADIATION FROM BOTH TOP AND SIDE SURFACES OF LED DIE
• REFLECTEUR BICONIQUE DESTINE A CAPTER LE RAYONNEMENT DES SURFACES A LA FOIS SUPERIEURES ET LATERALES D'UNE PUCE A DEL

(71) **MAXIM INTEGRATED PRODUCTS, INC.** [US/US]; 120 San Gabriel Drive, Sunnyvale, CA 94068 (US).

(72) **SHERWIN, James, S.**; 2141 Forest View Avenue, Burlingame, CA 94010 (US).

(74) **BLAKELY, Roger, W.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025–1026 (US).

(81) JP; 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 35/34**

(11) **WO 00/19548** (13) A1

(21) PCT/DE99/03136

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) de (26) de

(30) 198 45 104.0 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROCESS FOR PRODUCING A THERMOELECTRIC CONVERTER
• PROCEDE POUR PRODUIRE UN CONVERTISSEUR THERMOELECTRIQUE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHLERETH, Karl–Heinz** [DE/DE]; Akazienweg 21, D–93133 Burglengenfeld (DE). **SCHUBERT, Axel** [DE/DE]; Sommerstrasse 25, D–81543 München (DE). **ACKLIN, Bruno** [CH/DE]; Andreasstrasse 17c, D–93059 Regensburg (DE). **BÖTTNER, Harald** [DE/DE]; Seilerweg 5, D–79108 Freiburg (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) JP US; 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 41/04**

(11) **WO 00/19549** (13) A1

(21) PCT/DE99/03120

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) de (26) de

(30) 198 45 042.7 **30 Sep/sep 1998 (30.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND ARRANGEMENT FOR DIAGNOSING A CAPACITIVE ACTUATOR
• PROCEDE ET SYSTEME POUR DIAGNOSTIQUER UN ACTIONNEUR CAPACITIF

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GERKEN, Hartmut** [DE/DE]; Josef–Geller–Strasse 1, D–93152 Nittendorf (DE). **HOFFMANN, Christian** [DE/DE]; Am Nordheim 5, D–93057 Regensburg (DE). **FREUDENBERG, Hellmut** [DE/DE]; Mühlweg 13A, D–93080 Großberg (DE). **PIRKL, Richard** [DE/DE]; Brunhuberstrasse 27, D–93053 Regensburg (DE). **HECKER, Martin** [DE/DE]; Römerstrasse 3, D–93336 Laimerstadt (DE). **SCHROD, Walter** [DE/DE]; Nittenauer Strasse 8, D–93057 Regensburg (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

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

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(51)[6] **H01L 51/00**

(11) **WO 00/19550** (13) A1

(21) PCT/US99/23012

(22) **1 Oct/oct 1999 (01.10.1999)**

(25) en (26) en

(30) 60/102,597 **1 Oct/oct 1998 (01.10.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MAGNETIC SWITCHING OF CHARGE SEPARATION LIFETIMES IN ARTIFICIAL PHOTOSYNTHETIC REACTION CENTERS
• COMMUTATION MAGNETIQUE DES DUREES DE VIE DE SEPARATION DE CHARGES DANS DES CENTRES DE REACTION PHOTOSYNTHETIQUE ARTIFICIELLE

(71) **ARIZONA BOARD OF REGENTS acting on behalf of ARIZONA STATE UNIVERSITY** [US/US]; Tempe, AZ 85287 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GUST, John, D., Jr.** [US/US]; 621 East Grace Drive, Tempe, AZ 85281 (US). **MOORE, Ana, L.** [US/US]; 5721 East Edgemont Drive, Scottsdale, AZ 85257 (US). **MOORE, Thomas, A.** [US/US]; 5721 East Edgemont Drive, Scottsdale, AZ 85257 (US).

(74) **MYBECK, Richard, R.**; Suite 10, 8010 East Morgan Trail, Scottsdale, AZ 85258 (US).

(81) CA JP US; 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 00/19551** (13) A2

(21) PCT/US99/22612

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/162,328 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INTERNAL SELF HEAT PIPING AMTEC CELL
• CELLULE DE CONVERSION AMTEC A TUYAUTERIE INTERNE AUTOCHAUFFANTE

(71) **ADVANCED MODULAR POWER SYSTEMS, INC.** [US/US]; 4370 Varsity Drive, Ann Arbor, MI 48108 (US).

(72) **SIEVERS, Robert, K.**; 5567 Hearthstone Court, Ann Arbor, MI 48108 (US). **HUNT, Thomas, K.**; 3420 Andover Road, Ann Arbor, MI 48105 (US). **HENDRICKS, Terry, J.**; 6979 Sun Crest Drive, Saline, MI 48176 (US).

(74) **OBERHOLTZER, Steven, L.**; Harness, Dickey & Pierce, P.L.C., Suite 555, 301 E. Liberty, Ann Arbor, MI 48104 (US) et al. / etc.

(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 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; 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] **H01M 4/02, H01C 7/02, H01M 10/40**

(11) **WO 00/19552** (13) A1

(21) PCT/CA99/00863

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) en (26) en

(30) 09/161,664 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • COMPOSITE ELECTRODE INCLUDING PTC POLYMER
• ELECTRODE COMPOSITE COMPRENANT UN POLYMERE PTC

(71, 72) **DASGUPTA, Sankar** [IN/CA]; The Electrofuel Manufacturing Company Ltd., 21 Hanna Avenue, Toronto, Ontario M6K 1W9 (CA). **JACOBS, James, K.** [CA/CA]; 69 Albany Avenue, Toronto, Ontario M5R 3C2 (CA).

(81) AU BR CA CN IN JP KR SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **H01M 4/58**

(11) **WO 00/19553** (13) A1

(21) PCT/US99/22303

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 09/162,428 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HIGH–ENERGY DENSITY BORIDE BATTERIES
• ACCUMULATEURS DE BORURE A HAUTE DENSITE D'ENERGIE

(71) **MILLENIUM CELL CORPORATION** [US/US]; 8 Ceaderbrook Drive, Cranberry, NJ 08512 (US).

(72) **AMENDOLA, Steven**; 21 Eisele Avenue, Ocean, NJ 07712 (US).

(74) **FREEMAN, John, W.**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110–2804 (US).

(81) AU IN JP; 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 8/02, 8/24, C25B 15/08**

(11) **WO 00/19554** (13) A1

(21) PCT/GB99/03158

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 9821156.8 **29 Sep/sep 1998 (29.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ELECTROCHEMICAL CELL
• PILE ELECTROCHIMIQUE

(71) **NATIONAL POWER PLC** [GB/GB]; Windmill Hill Business Park, Whitehill Way, Swindon, Wiltshire SN5 6PB (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CLARK, Duncan, Guy** [GB/GB]; Westam House, Marlston Road, Hermitage, Berkshire RG18 9SU (GB). **HAMPDEN, Joseph, Stephen** [GB/GB]; 12 Grange Crescent Road, Sheffield S11 8FX (GB). **OATES, Herbert, Stephen** [GB/GB]; 27 Leverton Gate, Broome Manor, Swindon SN3 1ND (GB).

(74) **BOULT WADE TENNANT**; 27 Furnival Street, London EC4A 1PQ (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 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; 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] **H01M 8/02, 8/24**

(11) **WO 00/19555** (13) A1

(21) PCT/JP99/05151

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) en (26) en

(30) 10/270861 **25 Sep/sep 1998** JP **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FUEL CELL STACK WITH SEPARATOR OF A LAMINATE STRUCTURE
• EMPILEMENT DE PILES A COMBUSTIBLE POURVU D'UN SEPARATEUR A STRUCTURE LAMINEE

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

(72, 75) **MATSUMOTO, Toshihiro** [JP/JP]; Room 501, Towaveru–Kyouei, 8–31, Suehirocho, Ibaraki–shi, Osaka 567–0821 (JP). **HATOH, Kazuhito** [JP/JP]; Room 714, Suminodou Paaku–haitsu, 6, Akebonocho, Daito–shi, Osaka 574–0076 (JP). **GYOTEN, Hisaaki** [JP/JP]; 3–10–2, Tawaradai, Shijonawate–shi, Osaka 575–0013 (JP). **KANBARA, Teruhisa** [JP/JP]; 1–8–13, Hata, Ikeda–shi, Osaka 563–0021 (JP). **NISHIDA, Kazufumi** [JP/JP]; Room 202, Haitsu–Nishiguchi, 18–4, Dainichihigashimachi, Moriguchi–shi, Osaka 570–0016 (JP). **OHARA, Hideo** [JP/JP]; Room A–402, 4–38–407, Sengokunishimachi, Kadoma–shi, Osaka 571–0014 (JP).

(74) **ISHII, Kazuo**; Kitahama–Yamamoto Building, 3–6, Kitahama 2–chome, Chuo–ku, Osaka–shi, Osaka 541–0041 (JP).

(81) CN KR US; 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 8/10, 8/04**

(11) **WO 00/19556** (13) A2

(21) PCT/DE99/02987

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) de (26) de

(30) 198 44 983.6 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • WITHDRAWAL OF REACTION WATER IN POLYMER ELECTROLYTE MEMBRANE FUEL CELLS
• RETRAIT DE L'EAU DE REACTION DANS DES PILES A COMBUSTIBLE A MEMBRANE ELECTROLYTIQUE POLYMERE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GEBHARDT, Ulrich** [DE/DE]; Zedernstrasse 18, D–91094 Langensendelbach (DE). **WAIDHAS, Manfred** [DE/DE]; Schnieglinger Strasse 285, D–90427 Nürnberg (DE). **LIPINSKI, Matthias** [DE/DE]; Danziger Strasse 20, D–91052 Erlangen (DE). **LEUSCHNER, Rainer** [DE/DE]; Lindenweg 17, D–91091 Grossenseebach (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CA JP NO US; 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 10/54**

(11) **WO 00/19557** (13) A1

(21) PCT/JP99/05255

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) ja (26) ja

(30) 10/272973 **28 Sep/sep 1998** JP **(28.09.1998)**

(30) 11/117802 **26 Apr/avr 1999** JP **(26.04.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR CRUSHING CELL
• PROCEDE DE BROYAGE DE PILES

(71) **MITSUBISHI HEAVY INDUSTRIES, LTD.** [JP/JP]; 5–1, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8315 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TANII, Tadaaki** [JP/JP]; Takasago Research & Development Center, Mitsubishi Heavy Industries, Ltd., 1–1, Arai–cho Shinhama 2–chome, Takasago, Hyogo–ken 676–8686 (JP). **TSUZUKI, Satoshi** [JP/JP]; Takasago Research & Development Center, Mitsubishi Heavy Industries, Ltd., 1–1, Arai–cho Shinhama 2–chome, Takasago, Hyogo–ken 676–8686 (JP). **HONMURA, Shiro** [JP/JP]; Kobe Shipyard & Machinery Works, Mitsubishi Heavy Industries, Ltd., 1–1, Wadasaki–cho 1–chome, Hyogo–ku, Kobe, Hyogo–ken 652–8585 (JP). **KAMIMURA, Takeo** [JP/JP]; Koryo Engineering Co., Ltd., 1–1, Arai–cho Shinhama 2–chome, Takasago, Hyogo–ken 676–8686 (JP). **SASAKI, Kenji** [JP/JP]; Kobe Shipyard & Machinery Works, Mitsubishi Heavy Industries, Ltd., 1–1, Wadasaki–cho 1–chome, Hyogo–ku, Kobe, Hyogo–ken 652–8585 (JP). **YABUKI, Masakazu** [JP/JP]; Koryo Engineering Co., Ltd, 1–1, Arai–cho Shinhama 2–chome, Takasago, Hyogo–ken 676–8686 (JP). **NISHIDA, Kiyonori** [JP/JP]; Koryo Engineering Co., Ltd., 1–1, Arai–cho Shinhama 2–chome, Takasago, Hyogo–ken 676–8686 (JP).

(74) **TAKAHASHI, Masahisa**; Ambassador Roppongi Buildings, Room 1003, 16–13, Roppongi 3–chome, Minato–ku, Tokyo 106–0032 (JP).

(81) CA JP US; 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] **H01P 1/26**

(11) **WO 00/19558** (13) A1

(21) PCT/US99/20161

(22) **1 Sep/sep 1999 (01.09.1999)**

(25) en (26) en

(30) 09/162,411 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AIR COOLED TERMINATION FOR TRANSMISSION LINES
• TERMINAISON DE LIGNES DE TRANSMISSION A REFROIDISSEMENT PAR AIR

(71) **BIRD ELECTRONIC CORPORATION** [US/US]; 30303 Aurora Road, Solon, OH 44139–2794 (US).

(72) **LEXA, Jefferson, D.**; 7694 Oak Hill Drive, Chesterland, OH 44026 (US).

(74) **RANKIN, Carl, A.**; Rankin, Hill, Porter & Clark LLP, 700 Huntington Building, 925 Euclid Avenue, Cleveland, OH 44115–1405 (US).

(81) AU CA JP ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **H01Q 3/26, 13/10, 19/08, 21/06, 25/04**

(11) **WO 00/19559** (13) A1

(21) PCT/JP99/04354

(22) **11 Aug/août 1999 (11.08.1999)**

(25) ja (26) ja

(30) 10/278324 **30 Sep/sep 1998** JP **(30.09.1998)**

(30) 10/359692 **17 Dec/déc 1998** JP **(17.12.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PLANAR ANTENNA AND METHOD FOR MANUFACTURING THE SAME
• ANTENNE PLANE ET PROCEDE DE FABRICATION CORRESPONDANT

(71) **ANRITSU CORPORATION** [JP/JP]; 10–27, Minamiazabu 5–chome, Minato–ku, Tokyo 106–8570 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TESHIROGI, Tasuku** [JP/JP]; 4–13–14, Ogikubo, Suginami–ku, Tokyo 167–0051 (JP). **YAMAMOTO, Aya** [JP/JP]; 215, Anritsu–Cozy–Yurigaoka, 2–1236–5, Chiyogaoka, Asao–ku, Kawasaki–shi, Kanagawa 215–0005 (JP).

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

(81) JP US; EP (DE FR GB).

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(51)[7] **H01Q 3/26**

(11) **WO 00/19560** (13) A1

(21) PCT/SE99/01707

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 9803317–8 **30 Sep/sep 1998 (30.09.1998)** SE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND ARRANGEMENT FOR IMPROVING NULL DEPTHS
• PROCEDE ET DISPOSITIF PERMETTANT D'AMELIORER DES PROFONDEURS DE CREUX D'ANTENNE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S–126 25 Stockholm (SE).

(72) **PETERSSON, Sven**; Rotevägen 1, S–433 69 Sävedalen (SE). **JOHANNISSON, Björn**; Kaptensgatan 9, S–434 31 Kungsbacka (SE). **ANDERSSON, Sören**; Bergsätersvägen 9 D, S–191 40 Sollentuna (SE).

(74) **MOSSMARK , Anders** et al. / etc.; Albihns Patentbyrå Göteborg AB, P.O. Box 142, S–401 22 Göteborg (SE).

(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 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; 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 9/36, 9/40**

(11) **WO 00/19561** (13) A1

(21) PCT/US99/22637

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/162,549 **29 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DISK ANTENNA
• ANTENNE DISQUE

(71) **RICHARD HIRSCHMANN OF AMERICA, INC.** [US/US]; Industrial Row, P.O. Box 229, Rivervale, NJ 07457 (US).

(72) **COSENZA, John**; 116 Hobson Avenue, St. James, NY 11780 (US). **KRYSPIN, John**; 223 Dupont Avenue, Hopatcong, NJ 07843 (US).

(74) **COX, Donald, J.**; Klauber & Jackson, 411 Hackensack Avenue, Hackensack, NJ 07601 (US).

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

Published / Publiée : *(c)*

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(51)[6] **H01Q 11/08, 1/38**

(11) **WO 00/19562** (13) A1

(21) PCT/JP99/05260

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) ja (26) ja

(30) 10/273304 **28 Sep/sep 1998 (28.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ANTENNA FEEDING CIRCUIT
• CIRCUIT D'ALIMENTATION D'ANTENNE

(71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8310 (JP).

(72) **ENDO, Tsutomu**; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8310 (JP). **FUKASAWA, Toru**; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8310 (JP). **MIYAZAKI, Moriyasu**; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8310 (JP). **CHIBA, Isamu**; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8310 (JP).

(74) **TAZAWA, Hiroaki** et al. / etc.; 7th floor, Daito Building, 7–1, Kasumigaseki 3–chome, Chiyoda–ku, Tokyo 100–0013 (JP).

(81) CA CN IN KR; 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] **H01Q 11/08, 1/36, 21/29, 21/06**

(11) **WO 00/19563** (13) A1

(21) PCT/US99/22824

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/163,850 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • COMPACT ANTENNA FOR LOW AND MEDIUM EARTH ORBIT SATELLITE COMMUNICATION SYSTEMS
• ANTENNE COMPACTE POUR SYSTEMES DE COMMUNICATION SATELLITAIRE A ORBITES TERRESTRES BASSE ET MOYENNE

(71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121–1714 (US).

(72) **TASSOUDJI, Mohammad, A.**; 5240 Fiore Terrace #202, San Diego, CA 92122 (US). **OZAKI, Ernest, T.**; 13844 Sagewood Drive, Poway, CA 92064 (US). **PANTON, William, R.**; 12664 Mengibar Avenue, San Diego, CA 92129 (US).

(74) **OGROD, Gregory, D.**; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121–1714 (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 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; 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 21/24**

(11) **WO 00/19564** (13) A1

(21) PCT/SE99/01708

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 9803286–5 **28 Sep/sep 1998 (28.09.1998)** SE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A RADIO COMMUNICATION DEVICE AND AN ANTENNA SYSTEM
• APPAREIL DE COMMUNICATION RADIO ET ANTENNE A CET EFFET

(71) **ALLGON AB** [SE/SE]; P.O. Box 500, S–184 25 Åkersberga (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EDVARDSSON, Olle** [SE/SE]; Sandbrovägen 30A, S–183 30 Täby (SE).

(74) **AXEL EHRNERS PATENTBYRÅ AB**; P.O. Box 103 16, Gumshornsgatan 7, S–100 55 Stockholm (SE).

(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 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; 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] **H01R**

(11) **WO 00/19565** (13) A2

(21) PCT/CA99/00898

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 2,249,084 **29 Sep/sep 1998** CA **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INSULATION–PIERCING CONNECTOR FOR CONNECTING INSULATED CABLES TO AN LED LIGHT STRIP
• CONNECTEUR PERÇANT L'ISOLANT ET PERMETTANT DE CONNECTER DES CABLES ISOLES A UNE BARRETTE DE LAMPES DE TYPE DIODES ELECTROLUMINESCENTES

(71) **FRAMATOME CONNECTORS INTERNATIONAL** [FR/FR]; Tour Framatome, La Défense 6, F–92084 Paris La Défense Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BROMBERG, Eddie** [CA/CA]; 41 Rockford Road, Toronto, Ontario M2R 3A4 (CA). **GREEN, Richard** [CA/CA]; 32 Rodgers Road, Guelph, Ontario N1G 4V5 (CA).

(74) **DUBUC, Jean, H.**; Goudreau Gage Dubuc & Martineau Walker, The Stock Exchange Tower, Suite 3400, 800 Place Victoria, P.O. Box 242, Montreal, Quebec H4Z 1E9 (CA).

(81) CA MX US; 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**

(11) **WO 00/19566** (13) A2

(21) PCT/KR99/00572

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 1998/39823 **25 Sep/sep 1998** KR **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A GROUND STRUCTURE OF A PLUG
• STRUCTURE DE MISE A LA TERRE POUR FICHE

(71, 72) **KIM, Kyung, Bok** [KR/KR]; 1–99, Youngmun–dong, Youngsan–ku, Seoul 140–080 (KR).

(74) **YOON, Eui, Seoup**; 302 Namdo Building, 823–24, Yoksam–dong, Kangnam–gu, Seoul 135–080 (KR).

(81) CN JP US; 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 13/24, 12/22**

(11) **WO 00/19567** (13) A1

(21) PCT/DE99/03132

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) de (26) de

(30) 198 44 730.2 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • RF INTERFACE
• INTERFACE HF

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HELLER, Claus** [DE/DE]; Wilbrechtstrasse 51A, D–81477 München (DE). **METZNER, Norbert** [DE/DE]; Edenthalweg 53a, D–85296 Rohrbach (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CN US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **H01S 3/08**

(11) **WO 00/19568** (13) A1

(21) PCT/US99/21324

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 09/162,341 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LINE NARROWING APPARATUS WITH HIGH TRANSPARENCY PRISM BEAM EXPANDER
• APPAREIL DE REDUCTION DE LA LARGEUR DES RAIES A ELARGISSEUR PRISMATIQUE A TRANSPARENCE ELEVEE

(71) **CYMER, INC.** [US/US]; 16750 Via Del Campo Court, San Diego, CA 92127–1712 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DAS, Palash, P.** [US/US]; 2029 Paseo de Anza, Vista, CA 92084 (US). **ERSHOV, Alexander I.** [RU/US]; 11312 Meadow Flower Place, San Diego, CA 92127 (US). **MORTON, Richard, G.** [US/US]; 17786 Aguamiel Road, San Diego, CA 92127 (US).

(74) **ROSS, John, R.**; Cymer, Inc., Legal Dept. – MS/3–2A, 16750 Via Del Campo Court, San Diego, CA 92127–1712 (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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **H01S 3/0941, H04B 10/155, G01S 17/10**

(11) **WO 00/19569** (13) A1

(21) PCT/FR99/02299

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) fr (26) fr

(30) 98/12146 **29 Sep/sep 1998** FR **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MICROCHIP LASER WITH MODULATED PUMPING
• MICROLASER A POMPAGE MODULE

(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) **FERAUD, Christine** [FR/FR]; 2, rue Lafayette, F–38000 Grenoble (FR). **BESESTY, Pascal** [FR/FR]; 156, chemin des Bargeonniers, F–38410 Vaulnaveys le Haut (FR).

(74) **RICHARD, Patrick**; Brevatome, 3, rue du Docteur Lancereaux, F–75008 Paris (FR).

(81) US; 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] **H01T 13/32, 13/20**

(11) **WO 00/19570** (13) A1

(21) PCT/YU99/00008

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) P–429/98 **29 Sep/sep 1998** YU **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • UP–GRADED DEVICE AND THE COMBUSTION MIXTURE IGNITION PROCESS
• DISPOSITIF PERFECTIONNE ET PROCEDE D'ALLUMAGE DU MELANGE COMBUSTIBLE

(71, 72) **ISAKOVIĆ, Jakub** [YU/YU]; Kornetska 4, YU–11000 Beograd (YU).

(74) **DIMITRIJEVIC, Slobodan**; Ognjena Price 54, YU–11000 Beograd (YU).

(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; 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] **H01T 13/56**

(11) **WO 00/19571** (13) A1

(21) PCT/IB99/01531

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) en (26) en

(30) P981286 **25 Sep/sep 1998** ID **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SPARKPLUG
• BOUGIE D'ALLUMAGE

(71, 72) **AFFANDI, Moh.** [ID/ID]; Komp. Kostrad Rt.01/RW.06/22, Petukangan Utara, Jakarta Selatan, Jakarta 12260 (ID).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU ID IL IS JP 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 TJ TM TR TT UA UG US UZ VN; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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)[6] **H02H 3/18**

(11) **WO 00/19572** (13) A1

(21) PCT/US99/18902

(22) **20 Aug/août 1999 (20.08.1999)**

(25) en (26) en

(30) 09/164,199 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MONITORING OUTPUT POWER TO PROTECT A POWER AMPLIFIER
• CONTROLE DE LA PUISSANCE DE SORTIE POUR PROTEGER UN AMPLIFICATEUR DE PUISSANCE

(71) **MACKIE DESIGNS INC.** [US/US]; 16220 Woodinville–Redmond Road N.E., Woodinville, WA 98072 (US).

(72) **JONES, Cameron**; 1567 Sky Terrace S.E., Salem, OR 97306 (US). **PERKINS, Calvin, C.**; 12354 N.W. Kearney Street, Portland, OR 97229 (US).

(74) **ANDERSON, Ronald, M.**; Law Offices of Ronald M. Anderson, Suite 507, 600 – 108th Avenue, N.E., Bellevue, WA 98004 (US).

(81) BR CA CN JP; 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] **H02H 9/04**

(11) **WO 00/19573** (13) A1

(21) PCT/DE99/02731

(22) **1 Sep/sep 1999 (01.09.1999)**

(25) de (26) de

(30) 198 44 121.5 **25 Sep/sep 1998** DE **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROTECTIVE CIRCUIT ON AN INTEGRATED CIRCUIT
• CIRCUIT DE PROTECTION SUR UN CIRCUIT INTEGRE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAHL, Alexander** [AT/AT]; Jungnickelstrasse 5/1/6, A–9500 Vollach (AT). **HAUPTMANN, Jörg** [AT/AT]; Goritschacher Strasse 50, A–9241 Wernberg (AT).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CN JP KR US; 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] **H02H 9/04**

(11) **WO 00/19574** (13) A1

(21) PCT/US99/19048

(22) **23 Aug/août 1999 (23.08.1999)**

(25) en (26) en

(30) 09/161,157 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TRIGGERING CIRCUIT FOR ESD PROTECTION CLAMP
• CIRCUIT DE DECLENCHEMENT DE FIXATION DE NIVEAU DE PROTECTION CONTRE LES DECHARGES ELECTROSTATIQUES

(71) **CONEXANT SYSTEMS, INC.** [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660–3095 (US).

(72) **LI, Xiaoming**; 182 Stanford, Irvine, CA 92612 (US). **WORLEY, Eugene, R.**; 11 Bowditch, Irvine, CA 92620 (US).

(74) **TAKAHASHI, Mark, M.**; Snell & Wilmer L.L.P., One Arizona Center, 400 E. Van Buren, Phoenix, AZ 85004–0001 (US).

(81) JP; 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] **H02J 3/01, H01L 35/28**

(11) **WO 00/19575** (13) A1

(21) PCT/JP99/05180

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) ja (26) ja

(30) 10/274434 **29 Sep/sep 1998** JP **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE FOR REMOVING NOISE IN AC POWER WAVEFORM
• DISPOSITIF PERMETTANT D'ELIMINER LE BRUIT DANS UNE ONDE DE COURANT ALTERNATIF

(71, 72) **OHTSUBO, Kazuo** [JP/JP]; 23–2, Meguro 4–chome, Meguro–ku, Tokyo 153–0063 (JP).

(74) **TSUKUNI, Hajime**; Svax TS Building, 22–12, Toranomon 1–chome, Minato–ku, Tokyo 105–0001 (JP).

(81) CA CN KR RU US; 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] **H02J 3/18**

(11) **WO 00/19576** (13) A1

(21) PCT/DE99/02948

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) de (26) de

(30) 198 44 750.7 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SYSTEM FOR SUPPLYING POWER TO A LOAD CONNECTED TO A DISTRIBUTION NETWORK
• SYSTEME POUR ALIMENTER EN ENERGIE UNE CHARGE RELIEE A UN RESEAU DE DISTRIBUTION

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DOHT, Hans–Christian** [DE/DE]; Werner–von–Siemens–Str. 19, D–91052 Erlangen (DE). **HILSCHER, Martin** [DE/DE]; Paul–Gossen–Strasse 115, D–91052 Erlangen (DE). **WOKUSCH, Michael** [DE/DE]; Irrlrinnig 28, D–91301 Forchheim (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) US; 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] **H02J 7/00**

(11) **WO 00/19577** (13) A1

(21) PCT/JP99/05254

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 10/273607 **28 Sep/sep 1998** JP **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • POWER UNIT, ELECTRIC CURRENT SUPPLY METHOD, AND INTEGRATED CIRCUIT
• ALIMENTATION ELECTRIQUE, PROCEDE DE FOURNITURE DE COURANT ELECTRIQUE ET CIRCUIT INTEGRE

(71) **SONY COMPUTER ENTERTAINMENT, INC.** [JP/JP]; 1–1, Akasaka 7–chome, Minato–ku, Tokyo 107–0052 (JP).

(72) **KAWAI, Eiji**; Sony Computer Entertainment Inc., 1–1, Akasaka 7–chome, Minato–ku, Tokyo 107–0052 (JP). **FURUHASHI, Makoto**; Sony Computer Entertainment Inc., 1–1, Akasaka 7–chome, Minato–ku, Tokyo 107–0052 (JP).

(74) **YAMAMOTO, Toshitake**; 301, Ogikubo Sunny Garden, 28–9, Ogikubo 4–chome, Suginami–ku, Tokyo 167–0051 (JP).

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

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(51)[6] **H02J 7/00**

(11) **WO 00/19578** (13) A1

(21) PCT/US99/22962

(22) **1 Oct/oct 1999 (01.10.1999)**

(25) en (26) en

(30) 60/102,629 **1 Oct/oct 1998 (01.10.1998)** US

(30) 09/408,675 **30 Sep/sep 1999 (30.09.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND APPARATUS FOR MONITORING AND MAINTAINING A PLURALITY OF BATTERIES USING A FUZZY LOGIC
• PROCEDE ET DISPOSITIF PERMETTANT LE CONTROLE ET L'ENTRETIEN D'UNE PLURALITE DE BATTERIES AU MOYEN D'UNE LOGIQUE FLOUE

(71) **ALLIEDSIGNAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962–2245 (US).

(72) **MAIO, Stephen, T.**; 25 Kingsbrook Court, Mendham, NJ 07945 (US). **PALANISAMY, Thirumalai, G.**; 14 Canterbury Way, Morristown, NJ 07960 (US). **SINGH, Harmohan**; 35 Sherbrook Drive, Rockaway, NJ 07866 (US). **TEGGE, Rainer**; 6 Thoresen Road, Warren, NJ 07059 (US).

(74) **CRISS, Roger, H.** et al. / etc.; AlliedSignal Inc., (Law Dept., Attn: A. Olinger), 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; 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] **H02J 7/00**

(11) **WO 00/19579** (13) A1

(21) PCT/US99/22969

(22) **1 Oct/oct 1999 (01.10.1999)**

(25) en (26) en

(30) 60/102,623 **1 Oct/oct 1998 (01.10.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PORTABLE POWER SUPPLY
• BLOC D'ALIMENTATION PORTABLE

(71) **CENTURY MFG. CO.** [US/US]; 9231 Penn Avenue South, Bloomington, MN 55431 (US).

(72) **RELLER, Troy, M.**; 18272 Coneflower Lane, Eden Prairie, MN 55346 (US). **WHITING, John, S.**; 5230 Yorktown Lane, Plymouth, MN 55442 (US).

(74) **BRUESS, Steven, C.**; Merchant & Gould P.C., 3100 Norwest Center, 90 South Seventh Street, Minneapolis, MN 55402–4131 (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 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 UZ VN YU ZA ZW; 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] **H02J 7/35**

(11) **WO 00/19580** (13) A1

(21) PCT/EP99/07064

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) de (26) de

(30) 198 44 977.1 **30 Sep/sep 1998 (30.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROTECTIVE SYSTEM FOR A SOLAR MODULE
• SYSTEME DE PROTECTION D'UN MODULE SOLAIRE

(71) **SIEMENS SOLAR GMBH** [DE/DE]; Frankfurter Ring 152, D–80807 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GOLDACK, Daniel** [DE/DE]; Zwieslerbruck 32, D–94469 Deggendorf (DE).

(74) **ZANGS, Rainer** et al. / etc.; Hoffmann . Eitle, Arabellastrasse 4, D–81925 München (DE).

(81) ID IN JP US; 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] **H02J 9/00**

(11) **WO 00/19581** (13) A1

(21) PCT/EP99/06552

(22) **3 Sep/sep 1999 (03.09.1999)**

(25) en (26) en

(30) 98890272.2 **25 Sep/sep 1998 (25.09.1998)** EP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SIGNAL PROCESSING APPARATUS HAVING MEANS FOR REDUCING THE POWER CONSUMPTION
• APPAREIL DE TRAITEMENT DU SIGNAL DOTE D'UN DISPOSITIF DE REDUCTION DE LA CONSOMMATION DE COURANT

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

(72) **FRIEDREICH, Willibald**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **WEBER, Helmut**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(81) HU JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **H02K 5/00, 5/24, 7/116**

(11) **WO 00/19582** (13) A1

(21) PCT/JP98/04385

(22) **29 Sep/sep 1998 (29.09.1998)**

(25) ja (26) ja

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MOTOR SUPPORTING DEVICE
• DISPOSITIF SUPPORT DE MOTEUR

(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) **ASAI, Shigeki** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8310 (JP).

(74) **TAZAWA, Hiroaki** et al. / etc.; Kasumigaseki IHF Building, 4F, 5–1, Kasumigaseki 3–chome, Chiyoda–ku, Tokyo 100–0013 (JP).

(81) AU CA JP KR MX US; 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] **H02K 5/10, 7/14**

(11) **WO 00/19583** (13) A1

(21) PCT/DE99/02239

(22) **20 Jul/juil 1999 (20.07.1999)**

(25) de (26) de

(30) 198 44 601.2 **29 Sep/sep 1998 (29.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ELECTROMOTIVE DRIVE DEVICE

• DISPOSITIF D'ENTRAINEMENT ELECTROMOTEUR

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D–70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAUK, Detlef** [DE/DE]; Badstrasse 20, D–77871 Renchen (DE). **FISCHER, Ernst** [DE/DE]; Ludwig–Dill–Strasse 6, D–76593 Gernsbach (DE). **KARCHER, Hansjoerg** [DE/DE]; Buechelbachstrasse 6, D–77830 Buehlertal (DE). **HERP, Juergen** [DE/DE]; Am Neuen Weg 13, D–77815 Buehl (DE). **MAURER, Erik** [DE/DE]; Butschenbergweg 10, D–77815 Nuehlertal (DE). **WIEGERT, Andreas** [DE/DE]; Russhaldeweg 28, D–77876 Kappelrodeck (DE). **HURST, Richard** [DE/DE]; Gottswaldstrasse 8a, D–77656 Offenburg (DE). **WAIBEL, Anton** [DE/DE]; Dr.–FR.–Zimmermann–Strasse 39, D–88709 Hagnau (DE).

(81) BR JP KR US; 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] **H02K 5/14, H01R 39/38**

(11) **WO 00/19584** (13) A1

(21) PCT/DE99/03053

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) de (26) de

(30) 198 44 757.4 **29 Sep/sep 1998 (29.09.1998)** DE

(30) 299 01 843.1 **3 Feb/fév 1999 (03.02.1999)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BRUSH HOLDER FOR A COMMUTATOR MOTOR
• PORTE–BALAIS POUR MOTEUR A COLLECTEUR

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HARTEL, Gerd** [DE/DE]; Kieselgarten 6A, D–97273 Kürnach (DE). **ZIEGLER, Thomas** [DE/DE]; Georg–Leder–Strasse 8, D–97450 Arnstein (DE). **DREXLMAIER, Thomas** [DE/DE]; Georg–Engel–Strasse 14B, D–97076 Würzburg (DE). **REDELBERGER, Harald** [DE/DE]; Tannenstrasse 9, D–97273 Kürnach (DE). **WEILER, Theodor** [DE/DE]; Odenwaldstrasse 2, D–97076 Würzburg (DE). **HEIM, Norbert** [DE/DE]; Lindenstrasse 14, D–97228 Rottendorf (DE). **KÖNIG, Michael** [DE/DE]; Jägerstrasse 14A, D–97082 Würzburg (DE). **SKUTSCHIK, Viktor** [DE/DE]; Albertsplatz 5A, D–96450 Coburg (DE). **WIEDEMANN, Christian** [DE/DE]; Friedhofweg 16, D–95482 Gefrees (DE). **WAGNER, Michael** [DE/DE]; Dörfleser Anger 32, D–96317 Kronach (DE). **LAUMER, Stefan** [DE/DE]; Neue Flurstrasse 11, D–97320 Albertshofen (DE). **SEUFFERT, Werner** [DE/DE]; Mainstrasse 9, D–97493 Bergrheinfeld (DE). **STEEGMÜLLER, Horst** [DE/DE]; Vogelsangweg 7, D–97076 Würzburg (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) US; 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] **H02K 7/18, F02N 11/04**

(11) **WO 00/19585** (13) A1

(21) PCT/EP99/05853

(22) **12 Aug/août 1999 (12.08.1999)**

(25) de (26) de

(30) 198 45 019.2 **30 Sep/sep 1998 (30.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SUSPENSION FOR A SUBASSEMBLY THAT PRODUCES, RECEIVES AND/OR TRANSMITS TORQUE IN THE DRIVE TRAIN OF A MOTOR VEHICLE
• SYSTEME DE FIXATION D'UN COMPOSANT DE LA CHAINE CINEMATIQUE D'UN VEHICULE, CE COMPOSANT PRODUISANT, RECEVANT ET/OU TRANSMETTANT UN MOMENT DE COUPLE

(71) **GRÜNDL UND HOFFMANN GMBH GESELLSCHAFT FÜR ELEKTROTECHNISCHE ENTWICKLUNGEN** [DE/DE]; Gautinger Strasse 6, D–82319 Starnberg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RASCH, Reinhard** [DE/DE]; Breitbrunner Strasse 9, D–82229 Hechendorf (DE).

(74) **SCHMIDT, Steffen, J.**; Wuesthoff & Wuesthoff, Schweigerstrasse 2, D–81541 München (DE).

(81) JP US; 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] **H02K 9/19, 9/04, 17/30, D02J 13/00, D06B 23/02**

(11) **WO 00/19586** (13) A1

(21) PCT/EP99/06944

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) de (26) de

(30) 198 43 990.3 **25 Sep/sep 1998 (25.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INTEGRATED ROLLER UNIT
• ENSEMBLE A GALETTE INTEGRE

(71) **D.I.E.N.E.S APPARATEBAU GMBH** [DE/DE]; Philipp–Reis–Strasse 16, D–63165 Mühlheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GEHRMANN, Wolfgang** [DE/DE]; Sodener Strasse 18, D–63454 Hanau (DE). **BROSSMER, Max** [DE/DE]; Westerwaldstrasse 14, D–63454 Hanau (DE).

(74) **RENTZSCH, Heinz**; Schönbornring 1, D–63263 Neu–Isenburg (DE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **H02K 29/00**

(11) **WO 00/19587** (13) A1

(21) PCT/JP99/01970

(22) **14 Apr/avr 1999 (14.04.1999)**

(25) ja (26) ja

(30) 10/272625 **28 Sep/sep 1998 (28.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BRUSHLESS MOTOR
• MOTEUR SANS BALAIS

(71) **ZEXEL CORPORATION** [JP/JP]; 6–7, Shibuya 3–chome, Shibuya–ku, Tokyo 150–8360 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANDO, Koji** [JP/JP]; Zexel Corporation Konan Factory, 39, Aza Higashihara, Oaza Sendai, Konan–machi, Osato–gun, Saitama 360–0193 (JP). **HORIUCHI, Kazuyoshi** [JP/JP]; Zexel Corporation Konan Factory, 39, Aza Higashihara, Oaza Sendai, Konan–machi, Osato–gun, Saitama 360–0193 (JP). **ARAI, Kanta** [JP/JP]; Zexel Corporation Konan Factory, 39, Aza Higashihara, Oaza Sendai, Konan–machi, Osato–gun, Saitama 360–0193 (JP).

(74) **ONUKI, Kazuyasu** et al. / etc.; Shineimiyamasu Building 5F, 8–8, Shibuya 1–chome, Shibuya–ku, Tokyo 150–0002 (JP).

(81) KR US; 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] **H02M 3/07, H04M 19/00**

(11) **WO 00/19588** (13) A1

(21) PCT/US99/19638

(22) **27 Aug/août 1999 (27.08.1999)**

(25) en (26) en

(30) 09/161,209 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND APPARATUS FOR DERIVING POWER FROM A CLOCK SIGNAL COUPLED THROUGH CAPACITORS
• PROCEDE DE DERIVATION DE PUISSANCE D'UN SIGNAL D'HORLOGE A COUPLAGE PAR CONDENSATEURS ET DISPOSITIF A CET EFFET

(71) **CONEXANT SYSTEMS, INC.** [US/US]; Joseph King, 4311 Jamboree Road, Newport Beach, CA 92660–3095 (US).

(72) **RAHAMIM, Raphael**; 2717 North Vista Court, Orange, CA 92867 (US). **BEUTLER, Thomas, Grey**; 15732 Myrtle, Tustin, CA 92780 (US).

(74) **GESS, Albin, H.**; Price, Gess & Ubell, 2100 S.E. Main Street, Suite 250, Irvine, CA 92614 (US).

(81) CA JP; 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] **H02M 3/155**

(11) **WO 00/19589** (13) A1

(21) PCT/JP99/05252

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 10/273609 **28 Sep/sep 1998 (28.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • POWER SUPPLY DEVICE, POWER SUPPLY METHOD AND ELECTRONIC EQUIPMENT
• ALIMENTATION ELECTRIQUE, ET PROCEDE ET EQUIPEMENT ELECTRONIQUE ASSOCIES

(71) **SONY COMPUTER ENTERTAINMENT INC.** [JP/JP]; 1–1, Akasaka 7–chome, Minato–ku, Tokyo 107–0052 (JP).

(72) **KAWAI, Eiji**; Sony Computer Entertainment Inc., 1–1, Akasaka 7–chome, Minato–ku, Tokyo 107–0052 (JP).

(74) **YAMAMOTO, Toshitake**; 301, Ogikubo Sunny Garden, 28–9, Ogikubo 4–chome, Suginami–ku, Tokyo 167–0051 (JP).

(81) AU BR CA CN JP KR MX NZ RU SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **H02M 7/48**

(11) **WO 00/19590** (13) A1

(21) PCT/JP99/04292

(22) **9 Aug/août 1999 (09.08.1999)**

(25) ja (26) ja

(30) PCT/JP98/04414 **30 Sep/sep 1998 (30.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • POWER CONVERTER
• CONVERTISSEUR DE PUISSANCE

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4–chome, Chiyoda–ku, Tokyo 101–8010 (JP).

(72) **KOJIMA, Tetsuo**; Mito Administrative Division, Hitachi, Ltd., 1070, Ichige, Hitachinaka–shi, Ibaraki 312–0033 (JP). **TOYOTA, Eiichi**; Mito Administrative Division, Hitachi, Ltd., 1070, Ichige, Hitachinaka–shi, Ibaraki 312–0033 (JP). **NAKATA, Kiyoshi**; Mito Administrative Division, Hitachi, Ltd., 1070, Ichige, Hitachinaka–shi, Ibaraki 312–0033 (JP). **MIYAKE, Wataru**; Mito Administrative Division, Hitachi, Ltd., 1070, Ichige, Hitachinaka–shi, Ibaraki 312–0033 (JP). **TERUNUMA, Mutsuhiro**; Mito Administrative Division, Hitachi, Ltd., 1070, Ichige, Hitachinaka–shi, Ibaraki 312–0033 (JP). **SUZUKI, Masato**; Mito Administrative Division, Hitachi, Ltd., 1070, Ichige, Hitachinaka–shi, Ibaraki 312–0033 (JP). **INARIDA, Satoru**; Mito Administrative Division, Hitachi, Ltd., 1070, Ichige, Hitachinaka–shi, Ibaraki 312–0033 (JP).

(74) **SAKUTA, Yasuo**; Hitachi, Ltd., 5–1, Marunouchi 1–chome, Chiyoda–ku, Tokyo 100–8220 (JP).

(81) AU CN JP RU ZA.

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(51)[6] **H02M 7/5387**

(11) **WO 00/19591** (13) A1

(21) PCT/JP98/04436

(22) **30 Sep/sep 1998 (30.09.1998)**

(25) ja (26) ja

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INVERTER CIRCUIT
• CIRCUIT ONDULEUR

(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) **GORAB, Majumdar** [IN/JP]; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8310 (JP). **IWASAKI, Mitsutaka** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8310 (JP). **IWAGAMI, Tooru** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8310 (JP). **KHALID HASSAN, Hussein** [SD/JP]; Fukuryo Semi–con Engineering Corporation, 1–1, Imajuku–higashi 1–chome, Nishi–ku, Fukuoka–shi, Fukuoka 819–0161 (JP).

(74) **YOSHIDA, Shigeaki** et al. / etc.; Sumitomo–seimei OBP Plaza Building, 10th floor, 4–70, Shiromi 1–chome, Chuo–ku, Osaka–shi, Osaka 540–0001 (JP).

(81) JP US; 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] **H02N 13/00, H01L 21/00, 21/68**

(11) **WO 00/19592** (13) A1

(21) PCT/US99/20637

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/163,368 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DECHUCKING METHOD AND APPARATUS FOR WORKPIECES IN VACUUM PROCESSORS
• PROCEDE ET APPAREIL PERMETTANT DE RETIRER D'UN MANDRIN DES PIECES DANS DES DISPOSITIFS DE TRAITEMENT PAR LE VIDE

(71) **LAM RESEARCH CORPORATION** [US/US]; 4650 Cushing Parkway, Fremont, CA 94538–6470 (US).

(72) **HOWALD, Arthur, M.**; 4233 Cabernet Court, Pleasanton, CA 94566 (US). **HOLLAND, John, P.**; 1565 Calaveras Avenue, San Jose, CA 95126 (US).

(74) **LOWE, Allan, M.**; Lowe Hauptman Gopstein Gilman & Berner, LLP, Suite 310, 1700 Diagonal Road, Alexandria, VA 22314 (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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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)[6] **H02P 1/46**

(11) **WO 00/19593** (13) A1

(21) PCT/JP99/02541

(22) **14 May/mai 1999 (14.05.1999)**

(25) ja (26) ja

(30) 10/271823 **25 Sep/sep 1998 (25.09.1998)** JP

(30) 10/271829 **25 Sep/sep 1998 (25.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SYNCHRONOUS MOTOR
• MOTEUR SYNCHRONE

(71, 72) **KOMATSU, Fumito** [JP/JP]; 1632–12, Nomura, Hirooka, Shiojiri–shi, Nagano 399–0702 (JP).

(74) **WATANUKI, Takao**; Cre–A Center Building, 12–9, Nakagosho 3–chome, Nagano–shi, Nagano 380–0935 (JP).

(81) CN KR US; 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] **H02P 5/00, 7/00, 5/402, 5/408**

(11) **WO 00/19594** (13) A1

(21) PCT/SE99/01678

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) sv (26) en

(30) 9803290–7 **27 Sep/sep 1998 (27.09.1998)** SE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND DEVICE FOR CONTROLLING AN ELECTRIC MOTOR
• PROCEDE ET DISPOSITIF SERVANT A COMMANDER UN ELECTROMOTEUR

(71) **NORD 2000 INTRESSENTER AKTIEBOLAG** [SE/SE]; P.O. Box 6070, S–390 06 Kalmar (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ERICSSON, Hans, Birger** [SE/SE]; Carl Malmstens väg 25, S–386 93 Färjestaden (SE).

(74) **NORÉN, Per, Bo, Arne**; Swedpatent AB, P.O. Box 186, S–746 24 Balsta (SE).

(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 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 ZW; 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] **H02P 7/288**

(11) **WO 00/19595** (13) A1

(21) PCT/US99/22209

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/161,255 **26 Sep/sep 1998** US **(26.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CURRENT COMPENSATION SYSTEM FOR DRIVING ELECTRIC MOTOR
• SYSTEME DE COMPENSATION DE COURANT PERMETTANT D'ENTRAINER UN MOTEUR ELECTRIQUE

(71) **BAUSCH & LOMB SURGICAL, INC.** [US/US]; 555 West Arrow Highway, Claremont, CA 91711 (US).

(72) **McCARY, Brian, Douglas**; 6329 Alamo, St. Louis, MO 63105 (US).

(74) **SMITH, Michael, L.** et al. / etc.; Bausch & Lomb Incorporated, One Bausch & Lomb Place, Rochester, NY 14604–2701 (US).

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

Published / Publiée : *(c)*

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(51)[6] **H02P 7/63, 21/00**

(11) **WO 00/19596** (13) A1

(21) PCT/JP99/05261

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) ja (26) ja

(30) 10/275482 **29 Sep/sep 1998** JP **(29.09.1998)**

(30) 11/144460 **25 May/mai 1999** JP **(25.05.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CONTROL DEVICE OF INDUCTION MOTOR
• DISPOSITIF DE COMMANDE DE MOTEUR ASYNCHRONE

(71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8310 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KINPARA, Yoshihiko** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8310 (JP). **OKUYAMA, Miho** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8310 (JP). **KOYAMA, Masato** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8310 (JP). **SAKURAI, Hisao** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8310 (JP).

(74) **TAZAWA, Hiroaki** et al. / etc.; 7th floor, Daito Building, 7–1, Kasumigaseki 3–chome, Chiyoda–ku, Tokyo 100–0013 (JP).

(81) CN US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **H03B 1/00**

(11) **WO 00/19597** (13) A1

(21) PCT/US99/22223

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/162,243 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHODS AND APPARATUS FOR REDUCING MOSFET BODY DIODE CONDUCTION IN A HALF–BRIDGE CONFIGURATION
• PROCEDES ET DISPOSITIF DESTINES A REDUIRE LA CONDUCTION DIODIQUE D'UN CORPS MOSFET D'UNE STRUCTURE DEMI–PONT

(71) **TRIPATH TECHNOLOGY, INC.** [US/US]; 3900 Freedom Circle, Suite 20, Santa Clara, CA 95054 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERG, Steven, K.** [US/US]; 455 Navaro Way, #109, San Jose, CA 95134 (US). **DELANO, Cary, L.** [US/US]; 1531 Fairway Green Circle, San Jose, CA 95131 (US).

(74) **VILLENEUVE, Joseph, M.**; Beyer & Weaver, LLP, P.O. Box 61059, Palo Alto, CA 94306 (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 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; 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)[6] **H03D 1/04, H04B 1/10, G01S 13/00, 13/08, H04M 1/00**

(11) **WO 00/19598** (13) A1

(21) PCT/US99/15576

(22) **9 Jul/juil 1999 (09.07.1999)**

(25) en (26) en

(30) 09/161,921 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR SEPARATING A DESIRED SIGNAL FROM AN INTERFERING SIGNAL
• PROCEDE DE SEPARATION DU SIGNAL VOULU D'UN SIGNAL PARASITE

(71) **NORTHROP GRUMMAN CORPORATION** [US/US]; 1840 Century Park East, Los Angeles, CA 90067–2199 (US).

(72) **RICHARDSON, David, Livingstone**; 1824 North Walnut Avenue, Arlington Heights, IL 60004 (US). **HISCHKE, Mark, Douglas**; 4 Walnut Lane, Algonquin, IL 60102 (US). **RICHARDSON, Gregory, Paul**; 1002 North Cherry Street, Wheaton, IL 60187 (US).

(74) **ANDERSON, Terry, J.** et al. / etc.; Nothrop Grumman Corporation, 1840 Century Park East, Los Angeles, CA 90067–2199 (US).

(81) IL JP; 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] **H03D 7/14**

(11) **WO 00/19599** (13) A1

(21) PCT/DE99/03102

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) de (26) de

(30) 198 44 970.4 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CIRCUIT FOR MIXING AN INPUT SIGNAL AND AN OSCILLATOR SIGNAL WITH EACH OTHER
• CIRCUITERIE POUR MELANGER UN SIGNAL D'ENTREE ET UN SIGNAL D'OSCILLATEUR

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CATALA, Stephane** [FR/DE]; Konradstrasse 2, D–85737 Ismaning (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

(51)[7] **H03D 7/16, H04L 27/20**

(11) **WO 00/19600** (13) A1

(21) PCT/EP99/06663

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) en (26) en

(30) 9821088.3 **30 Sep/sep 1998** GB **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • RADIO TRANSMITTER
• EMETTEUR RADIO

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

(72) **MINNIS, Brian, J.**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **TANGENA, Antonius, G.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(81) CN JP KR; 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] **H03F 1/30**

(11) **WO 00/19601** (13) A1

(21) PCT/DE99/02725

(22) **1 Sep/sep 1999 (01.09.1999)**

(25) de (26) de

(30) 198 44 741.8 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CIRCUIT ARRANGEMENT FOR STABILIZING THE OPERATING POINT OF A TRANSISTOR
• CONFIGURATION DE CIRCUIT DESTINEE A LA STABILISATION D'UN POINT DE FONCTIONNEMENT D'UN TRANSISTOR

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MUSIOL, Lothar** [DE/DE]; Strehlerangger 11, D–81735 München (DE). **SCHÖPF, Klaus–Jürgen** [DE/US]; 1583 E. Oakland Street, Chandler, AZ 85225 (US).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[7] **H03F 1/30, H04B 1/04**

(11) **WO 00/19602** (13) A1

(21) PCT/US99/22358

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/161,940 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND APPARATUS FOR BASE TRANSCEIVER STATION COLD STARTS
• PROCEDE ET APPAREIL DE DEMARRAGE A FROID D'UNE STATION D'EMISSION ET DE RECEPTION DE BASE

(71, 72) **WRIGHT, Jonathan** [GB/US]; 4351 North O'Connor Blvd., Irving, TX 75062 (US).

(74) **LYNCH, David, W.**; Altera Law Group, 10749 Bren Road East, Opus 2, Minneapolis, MN 55343 (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; 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] **H03F 1/32, H03G 3/30, 3/00**

(11) **WO 00/19603** (13) A1

(21) PCT/US99/20994

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) en (26) en

(30) 09/161,014 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • APPARATUS AND METHOD FOR IMPROVING POWER CONTROL LOOP LINEARITY
• APPAREIL ET PROCEDE POUR AMELIORER LA LINEARITE D'UNE BOUCLE D'UN SYSTEME DE COMMANDE DE PUISSANCE

(71) **CONEXANT SYSTEMS, INC.** [US/US]; Dept. 927, MS E09–900, 4311 Jamboree Road, Newport Beach, CA 92660–3095 (US).

(72) **ROZENBLIT, Dmitriy**; 32 Cedar Tree Lane, Irvine, CA 92612 (US). **DOMINO, William, J.**; 4740 Via Corona, Yorba Linda, CA 92687 (US). **OSKOWSKY, Mark**; 250 White Cap Lane, Newport Coast, CA 92657 (US).

(74) **LAURENSON, Robert, C.**; Lyon & Lyon LLP, 633 West Fifth Street, Suite 4700, Los Angeles, CA 90071–2066 (US).

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

Published / Publiée : *(c)*

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(51)[6] **H03F 3/45**

(11) **WO 00/19604** (13) A1

(21) PCT/US99/21741

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) en (26) en

(30) 09/163,891 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LINEAR TRANSCONDUCTANCE CIRCUITS HAVING CLASS AB AMPLIFIERS PARALLEL COUPLED WITH CONCAVE COMPENSATION CIRCUITS
• CIRCUITS DE TRANSCONDUCTANCE AYANT DES AMPLIFICATEURS EN CLASSE AB PARALLELES COUPLES A DES CIRCUITS DE COMPENSATION CONCAVES

(71) **MAXIM INTEGRATED PRODUCTS, INC.** [US/US]; 120 San Gabriel Drive, Sunnyvale, CA 94086 (US). **GAIN TECHNOLOGY CORPORATION** [US/US]; 2700 West Broadway Boulevard, Tucson, AZ 85745 (US).

(72) **SMITH, Douglas, L.**; 2738 W. Avenida Azahar, Tucson, AZ 85745 (US). **MCCLEOD, Scott, C.**; 660 West Calle Alta Loma, Oro Valley, AZ 85737 (US).

(74) **COLEMAN, Brian, R.**; Hickman Stephens & Coleman, LLP, P.O. Box 52037, Palo Alto, CA 94303–0746 (US).

(81) JP; 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] **H03H 21/00**

(11) **WO 00/19605** (13) A2

(21) PCT/US99/22757

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,557 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BAND–LIMITED ADAPTIVE FEEDBACK CANCELLER FOR HEARING AIDS
• DISPOSITIF ADAPTATIF DE SUPPRESSION DE L'EFFET LARSEN A BANDE LIMITEE DESTINE AUX PROTHESES AUDITIVES

(71) **HOUSE EAR INSTITUTE** [US/US]; 5th floor, 2100 West Third Street, Los Angeles, CA 90057 (US).

(72) **GAO, Shawn**; 18304 Susan Place, Cerritos, CA 91024 (US). **SOLI, Sigfrid**; 2020 North Santa Anita Avenue, Sierra Madre, CA 91024 (US). **CHI, Hsiang–Feng**; 16907 Larbrook Drive, Hacienda Heights, CA 91745 (US).

(74) **HOOVER, George, W.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025–1026 (US).

(81) AE AL AM AT 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 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; 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)[6] **H03J 1/00**

(11) **WO 00/19606** (13) A1

(21) PCT/US99/22514

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,942 **30 Sep/sep 1998 (30.09.1998)** US

(30) Not furnished / non communiqué **27 Sep/sep 1999 (27.09.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CHANNEL SELECTION IN DIGITAL TELEVISION BACKGROUND
• SELECTION DE CANAUX DANS UN SYSTEME DE TELEVISION NUMERIQUE

(71) **SONY ELECTRONICS INC.** [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).

(72) **SHINTANI, Peter, Rae**; 15616 Bernardo Center Drive #3501, San Diego, CA 92127 (US). **KONDO, Shigeharu**; 14924 Avenida Venusto #117, San Diego, CA 92128 (US).

(74) **MILLER, Jerry, A.** et al. / etc.; 1 Sony Drive, MD T1–1, Park Ridge, NJ 07656 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; 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] **H03J 5/24, H03L 7/185, H04B 1/40**

(11) **WO 00/19607** (13) A1

(21) PCT/US99/22068

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 09/163,798 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DUAL BAND TRANSMITTER FOR A CELLULAR PHONE COMPRISING A PLL
• EMETTEUR A DEUX BANDES POUR TELEPHONE CELLULAIRE COMPRENANT UNE BOUCLE A PHASE ASSERVIE

(71) **CONEXANT SYSTEMS, INC.** [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660–3095 (US).

(72) **DAMGAARD, Morten**; 25451 Cadillac Drive, Laguna Hills, CA 92653 (US). **LI, Leo, L.**; 20902 Raintree Lane, Trabuco Canyon, CA 92679 (US).

(74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson & Bear, LLP, 16th Floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).

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

Published / Publiée : *(c)*

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(51)[7] **H03K**

(11) **WO 00/19608** (13) A2

(21) PCT/EP99/07452

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) de (26) de

(30) 198 44 929.1 **30 Sep/sep 1998 (30.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CIRCUIT FOR PROCESSING DATA SIGNALS
• CIRCUIT POUR TRAITER DES SIGNAUX DE DONNEES

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL–5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)

(71) **PHILIPS CORPORATE INTELLECTUAL PROPERTY GMBH** [DE/DE]; Habsburgerallee 11, D–52066 Aachen (DE).
(only for / seulement pour DE)

(72, 75) **MALZAHN, Ralf** [DE/NL]; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **PETERS, Carl, H.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(81) JP US; 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] **H03K 3/57**

(11) **WO 00/19609** (13) A1

(21) PCT/DE99/02952

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) de (26) de

(30) 198 44 619.5 **29 Sep/sep 1998 (29.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PULSE GENERATOR FOR GENERATING A VOLTAGE PULSE AND CORRESPONDING METHOD
• GENERATEUR D'IMPULSIONS DESTINE A PRODUIRE UNE IMPULSION DE TENSION ET PROCEDE CORRESPONDANT

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HARTMANN, Werner** [DE/DE]; Neue Strasse 28, D–91091 Grossenseebach (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) AU KR US ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[7] **H03K 17/10**

(11) **WO 00/19610** (13) A1

(21) PCT/DE99/02988

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) de (26) de

(30) 198 44 823.6 **30 Sep/sep 1998 (30.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • THYRISTOR CIRCUIT
• CIRCUIT A THYRISTORS

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ENDRES, Burkard** [DE/DE]; Saarstrasse 7, D–91052 Erlangen (DE). **UDER, Markus** [DE/DE]; Bodenfeld 8, D–91466 Gerhardshofen (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[7] **H03K 23/66, 3/037**

(11) **WO 00/19611** (13) A1

(21) PCT/US99/20995

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) en (26) en

(30) 09/163,862 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LOW VOLTAGE DUAL–MODULUS PRESCALER CIRCUIT USING MERGED PSEUDO–DIFFERENTIAL LOGIC
• CIRCUIT DE PREECHELONNEMENT BASSE TENSION A DOUBLE MODULE A LOGIQUE PSEUDO DIFFERENTIELLE FUSIONNEE

(71) **CONEXANT SYSTEMS, INC.** [US/US]; Dept.927, MS E09–900, 4311 Jamboree Road, Newport Beach, CA 92660–3095 (US).

(72) **JAYARAMAN, Arun**; 3737 Nobel Drive, Apartment 2308, San Diego, CA 92122 (US).

(74) **LYON & LYON LLP**; LAURENSON, Robert C., Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071–2066 (US).

(81) CA JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[7] **H03L 7/099, H03B 5/18**

(11) **WO 00/19612** (13) A1

(21) PCT/US99/22506

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/163,735 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DUAL FREQUENCY SYNTHESIS SYSTEM
• SYSTEME DE SYNTHESE A DEUX FREQUENCES

(71) **CONEXANT SYSTEMS, INC.** [US/US]; Joseph King, 4311 Jamboree Road, Newport Beach, CA 92660–3095 (US).

(72) **LAUB, Dana, Vincent**; 14 Rhone Island, Irvine, CA 92679 (US). **THAM, Julian, L.**; 15402 Toulouse, Irvine, CA 92604 (US). **FLADAGER, Roy, H.**; 2 Flagstone # 541, Irvine, CA 92606 (US).

(74) **GESS, Albin, H.**; Price, Gess & Ubell, 2100 S.E. Main Street, Suite 250, Irvine, CA 92614 (US).

(81) ; 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] **H03L 7/113, H04L 7/033**

(11) **WO 00/19613** (13) A1

(21) PCT/DE99/02766

(22) **1 Sep/sep 1999 (01.09.1999)**

(25) de (26) de

(30) 198 44 126.6 **25 Sep/sep 1998 (25.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FREQUENCY DETECTION METHOD FOR CLOCK SIGNAL ADJUSTMENT AND FREQUENCY DETECTION CIRCUIT FOR IMPLEMENTING SAID METHOD
• PROCEDE DE DETECTION DE FREQUENCE DESTINE A L'AJUSTEMENT D'UNE FREQUENCE DE SIGNAL D'HORLOGE ET CIRCUIT DE DETECTION DE FREQUENCE PERMETTANT DE METTRE EN OEUVRE LEDIT PROCEDE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **UNTERRICKER, Reinhold** [DE/DE]; Schubertstr. 12, D–85591 Vaterstetten (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[7] **H03M 3/00**

(11) **WO 00/19614** (13) A2

(21) PCT/EP99/07450

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 9821091.7 **30 Sep/sep 1998 (30.09.1998)** GB

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ANALOGUE TO DIGITAL CONVERTER
• CONVERTISSEUR ANALOGIQUE/NUMERIQUE

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

(72) **HUGHES, John, B.**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **REDMAN–WHITE, William**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **BRACEY, Mark**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **ANDREWS, Arthur, S.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(81) JP; 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] **H03M 3/02**

(11) **WO 00/19615** (13) A2

(21) PCT/US99/22621

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/163,235 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CORRECTION OF NONLINEAR OUTPUT DISTORTION IN A DELTA SIGMA DAC
• CORRECTION DE DISTORSION DE SORTIE NON LINEAIRE DANS UN CONVERTISSEUR NUMERIQUE–ANALOGIQUE DELTA–SIGMA

(71) **AUDIOLOGIC, INCORPORATED** [US/US]; 4870 Sterling Drive, Boulder, CO 80301 (US).

(72) **MELANSON, John, Laurence**; 7973 Sagebrush Court, Boulder, CO 80301 (US).

(74) **BALES, Jennifer, L.** et al. / etc.; Macheledt Bales & Johnson LLP, Mountain View Plaza, 1520 Euclid Circle, Lafayette, CO 80026–1250 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; 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] **H03M 13/00**

(11) **WO 00/19616** (13) A2

(21) PCT/US99/22441

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 60/102,168 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TURBO PRODUCT CODE DECODER
• TURBO–DECODEUR DE CODES DE PRODUIT

(71) **ADVANCED HARDWARE ARCHITECTURES, INC.** [US/US]; 2365 N.E. Hopkins Court, Pullman, WA 99163–5601 (US).

(72) **HEWITT, Eric**; 2505 N.W. Ravenna Court, Pullman, WA 99163 (US).

(74) **HAVERSTOCK, Thomas, B.** et al. / etc.; Haverstock & Owens LLP, Suite 420, 260 Sheridan Avenue, Palo Alto, CA 94306 (US).

(81) CA JP; 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] **H03M 13/00**

(11) **WO 00/19617** (13) A2

(21) PCT/US99/22455

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/165,592 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PERFORMING DIGITAL SUBSCRIBER LINE (DSL) MODEM COMMUNICATION OVER AN AC LINK BUS
• ETABLISSEMENT DE COMMUNICATION PAR MODEM DE LIGNE NUMERIQUE D'ABONNE (DSL) VIA UN BUS DE LIAISON CODEC AUDIO

(71) **CONEXANT SYSTEMS, INC.** [US/US]; Joseph King, 4311 Jamboree Road, Newport Beach, CA 92660–3095 (US).

(72) **MAXWELL, Conrad, A.**; 8 Foxcrest, Irvine, CA 92620 (US). **BRAUN, David, P.**; 15071 Humphrey Circle, Irvine, CA 92604 (US). **SNEED, George, Christopher**; 14 Ghiberti, Irvine, CA 92606 (US).

(74) **GESS, Albin, H.**; Price, Gess & Ubell, 2100 S.E. Main Street, Suite 250, Irvine, CA 92614 (US).

(81) CA JP; 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] **H03M 13/27, 13/29, 13/00**

(11) **WO 00/19618** (13) A1

(21) PCT/IB99/01594

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,250 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INTERLEAVER USING CO–SET PARTITIONING
• ENTRELACEUR UTILISANT LE PARTITIONNEMENT DE CO–ENSEMBLES

(71) **NORTEL NETWORKS CORPORATION** [CA/CA]; World Trade Center of Montreal, 8th floor, 380 St. Antoine Street West, Montreal, Quebec H2Y 3Y4 (CA).

(72) **LI, Bin**; 1908–1316 Carling Avenue, Ottawa, Ontario K1Z 7L1 (CA). **TONG, Wen**; #903–1000 Castle Hill Crest, Ottawa, Ontario K2C 3L7 (CA). **CUI, Jian**; #607–1218 Meadowlands Drive E., Nepean, Ontario K2E 6K1 (CA). **WANG, Rui, R.**; 1204–900 Dynes Road, Ottawa, Ontario K2C 3LS (CA).

(81) BR CA CN JP MX; 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] **H04B 1/04, 1/40**

(11) **WO 00/19619** (13) A1

(21) PCT/US99/22143

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/160,690 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE, SYSTEM AND METHOD FOR LOW NOISE RADIO FREQUENCY TRANSMISSION
• DISPOSITIF, SYSTEME ET PROCEDE DE TRANSMISSION HF A FAIBLE BRUIT

(71) **CONEXANT SYSTEMS, INC.** [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660–3095 (US).

(72) **ABDELGANY, MohyEldeen, F.**; 28 Field, Irvine, CA 92620 (US). **DOMINO, William, J.**; 4740 Via Corona, Yorba Linda, CA 92887 (US). **ROZENBLIT, Dmitriy**; 32 Cedar Tree Lane, Irvine, CA 92612 (US).

(74) **RITTMASTER, Ted, R.** et al. / etc.; Foley & Lardner, 2029 Century Park East, Los Angeles, CA 90067–3021 (US).

(81) CA CN JP; 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] **H04B 1/08, G09F 27/00**

(11) **WO 00/19620** (13) A1

(21) PCT/US99/22252

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/161,892 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • COMBINED ADVERTISING AND ENTERTAINMENT SYSTEM NETWORK
• RESEAU POUR SYSTEME COMBINE DE DIVERTISSEMENT ET DE PUBLICITE

(71) **E–ZONE NETWORKS INC.** [US/US]; Suite D, 630 Airpark Road, Napa, CA 94558 (US).

(72) **LOWE, Danny, D.**; 37 Woodhaven View SW, Calgary, Alberta T2W 5P6 (CA). **SIMPSON, Todd, G.**; 133 Edgebrook Court NW, Calgary, Alberta T3A 5A4 (CA).

(74) **TANNENBAUM, David, H.** et al. / etc.; Fulbright & Jaworski, L.L.P., Suite 2800, 2200 Ross Avenue, Dallas, TX 75201 (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 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; 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)[6] **H04B 1/10, 1/30, 1/40**

(11) **WO 00/19621** (13) A1

(21) PCT/JP98/04389

(22) **30 Sep/sep 1998 (30.09.1998)**

(25) ja (26) ja

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • EVEN HARMONIC DIRECT CONVERSION RECEIVER AND A TRANSCEIVER COMPRISING THE SAME
• RECEPTEUR A CONVERSION DIRECTE D'HARMONIQUE PAIRE, ET EMETTEUR–RECEPTEUR COMPRENANT CE RECEPTEUR

(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) **MORISHIGE, Hideki** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8310 (JP). **IKEMATSU, Hiroshi** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8310 (JP). **ITOH, Kenji** [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) JP US; 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] **H04B 1/16, 10/10, H04M 1/72**

(11) **WO 00/19622** (13) A1

(21) PCT/JP99/05253

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 10/273608 **28 Sep/sep 1998** JP **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND APPARATUS FOR TRANSCEIVING, RECEIVING AS WELL AS TRANSMITTING
• PROCEDE ET APPAREIL D'EMISSION/RECEPTION, DE RECEPTION ET D'EMISSION

(71) **SONY COMPUTER ENTERTAINMENT INC.** [JP/JP]; 1–1, Akasaka 7–chome, Minato–ku, Tokyo 107–0052 (JP).

(72) **KAWAI, Eiji**; Sony Computer Entertainment Inc., 1–1, Akasaka 7–chome, Minato–ku, Tokyo 107–0052 (JP).

(74) **YAMAMOTO, Toshitake**; 301, Ogikubo Sunny Garden, 28–9, Ogikubo 4–chome, Suginami–ku, Tokyo 167–0051 (JP).

(81) AU BR CA CN JP KR MX NZ RU SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **H04B 1/18, 17/02, 1/26**

(11) **WO 00/19623** (13) A1

(21) PCT/US99/22820

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/163,712 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • USING A SINGLE SIDE BAND MIXER TO REJECT IMAGE SIGNALS IN A WIRELESS STATION
• UTILISATION D'UN MELANGEUR DE BANDES LATERALES UNIQUES POUR ECARTER DES SIGNAUX D'IMAGE DANS UN APPAREIL SANS FIL

(71) **CONEXANT SYSTEMS, INC.** [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660 (US).

(72) **HUGHES, Simon**; Unit A102, 2554 Elden Avenue, Costa Mesa, CA 92627 (US). **ROWLAND, John, R., Jr.**; 28237 Shore, Mission Viejo, CA 92692 (US). **NGOMPE, Emmanuel**; 223 San Leon, Irvine, CA 92606 (US).

(74) **LAND, John**; Fish & Richardson, P.C., Suite 1400, 4225 Executive Square, La Jolla, CA 92037 (US).

(81) CA CN; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[7] **H04B 1/28, 1/30**

(11) **WO 00/19624** (13) A1

(21) PCT/DE99/02960

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) de (26) de

(30) 198 45 054.0 **30 Sep/sep 1998 (30.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • FILTERING OF A RECEIVE FREQUENCY BAND
• FILTRAGE D'UNE BANDE DE FREQUENCES DE RECEPTION

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOLINTH, Edgar** [DE/DE]; Rheindahlener Strasse 88, D–41189 Mönchengladbach (DE). **SCHWARK, Uwe** [DE/DE]; Freiheitstrasse 6, D–46399 Bocholt (DE). **BIENEK, Bernd** [DE/DE]; Ackerstrasse 3, D–46395 Bocholt (DE). **KALAYCI, Yusuf** [DE/DE]; Heerstrasse 117–119, D–47053 Duisburg (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CN US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[7] **H04B 1/38, H04M 1/02, H01Q 1/24, 1/08**

(11) **WO 00/19625** (13) A2

(21) PCT/US99/21698

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) en (26) en

(30) 09/161,183 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MOBILE TELEPHONE HAVING A FOLDING ANTENNA
• TELEPHONE MOBILE AVEC ANTENNE PLIABLE

(71) **ERICSSON, INC.** [US/US]; 7001 Development Drive, Research Triangle Park, NC 22709–3969 (US).

(72) **RYDBECK, Nils, R., C.**; 202 Rutherglen, Cary, NC 27511 (US).

(74) **COATS & BENNETT, P.L.L.C.**; Post Office Box 5, Raleigh, NC 27602 (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 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; 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, H03J 5/24, H04B 1/18**

(11) **WO 00/19626** (13) A1

(21) PCT/DE99/03079

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) de (26) de

(30) 198 44 142.8 **25 Sep/sep 1998 (25.09.1998)** DE

(30) 198 44 143.6 **25 Sep/sep 1998 (25.09.1998)** DE

(30) 199 19 368.1 **28 Apr/avr 1999 (28.04.1999)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PROGRAMMABLE MOBILE RADIOTELEPHONE TERMINAL
• TERMINAL RADIOTELEPHONIQUE MOBILE PROGRAMMABLE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PILLEKAMP, Klaus–Dieter** [DE/DE]; Galileistrasse 4, D–40699 Erkrath (DE). **TUO, Xihe** [CN/DE]; Grabenstrasse 133, D–47057 Duisburg (DE). **BIENEK, Bernd** [DE/DE]; Ackerstrasse 3, D–46395 Bocholt (DE). **GAPSKI, Dietmar** [DE/DE]; Prinz–Albrecht–Strasse 28, D–47058 Duisburg (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) AU BR CA CN JP KR NO PL RU TR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[7] **H04B 1/40, 1/48, 1/52**

(11) **WO 00/19627** (13) A1

(21) PCT/US99/22141

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/160,646 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE AND PROCESS FOR COUPLING MULTI–BAND TRANSMITTERS AND RECEIVERS
• DISPOSITIF ET PROCEDE PERMETTANT DE COUPLER DES EMETTEURS ET DES RECEPTEURS MULTIBANDES

(71) **CONEXANT SYSTEMS, INC.** [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660–3095 (US).

(72) **LI, Leo, L.**; 20902 Raintree Lane, Trabuco Canyon, CA 92679 (US).

(74) **RITTMASTER, Ted, R.** et al. / etc.; Foley & Lardner, 2029 Century Park East, Los Angeles, CA 90067–3021 (US).

(81) CA CN JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **H04B 1/40**

(11) **WO 00/19628** (13) A1

(21) PCT/US99/22835

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/164,574 **1 Oct/oct 1998 (01.10.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INTEGRATED ORTHOGONAL MODE TRANSDUCER/FILTER DESIGN FOR MICROWAVE FREQUENCY–DOMAIN
• CONFIGURATION DE TRANSDUCTEUR/FILTRE INTEGRE EN MODE ORTHOGONAL POUR DOMAINE DES HYPERFREQUENCES

(63) US 09/164,574 (CIP) 1 Oct/oct 1998 (01.10.1998)

(71) **WYTEC, INCORPORATED** [US/US]; 3385 Scott Boulevard, Santa Clara, CA 95054 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PETERSON, Dean, F.** [US/US]; 176 Whiley Road, Groton, MA 01450 (US).

(74) **KREBS, Robert, E.**; Burns, Doane, Swecker & Mathis, LLP, P.O. Box 1404, Alexandria, VA 22313–1404 (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 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; 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 : *(c)*

(51)[6] **H04B 1/50**

(11) **WO 00/19629** (13) A1

(21) PCT/US99/22751

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/164,168 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • USING A SINGLE LOW–NOISE AMPLIFIER IN A MULTI–BAND WIRELESS STATION
• UTILISATION D'UN AMPLIFICATEUR UNIQUE A FAIBLE BRUIT DANS UNE STATION SANS FIL MULTI–BANDES

(71) **CONEXANT SYSTEMS, INC.** [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660 (US).

(72) **HUGHES, Simon**; Unit A102, 2554 Elden Avenue, Costa Mesa, CA 92627 (US).

(74) **LAND, John**; Fish & Richardson P.C., Suite 1400, 4225 Executive Square, La Jolla, CA 92037 (US).

(81) CA CN; 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] **H04B 3/23**

(11) **WO 00/19630** (13) A1

(21) PCT/US99/22708

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/164,504 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ECHO CANCELLING METHOD AND APPARATUS FOR DIGITAL DATA COMMUNICATION SYSTEM
• PROCEDE DE SUPPRESSION DE L'ECHO ET APPAREIL POUR SYSTEME NUMERIQUE DE COMMUNICATION DE DONNEES

(71) **CONEXANT SYSTEMS, INC.** [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660–3095 (US).

(72) **KAPPES, Michael, S.**; 12468 Carmel Pointe, San Diego, CA 92130 (US).

(74) **FRALEY, R., Lee**; Snell & Wilmer L.L.P., One Arizona Center, 400 East Van Buren, Phoenix, AZ 85004–0001 (US).

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

Published / Publiée : *(c)*

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(51)[7] **H04B 7/00**

(11) **WO 00/19631** (13) A2

(21) PCT/DE99/03138

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) de (26) de

(30) 198 45 040.0 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR LOW–DISTURBANCE OPERATION OF AT LEAST TWO BASE STATIONS
• PROCEDE POUR FAIRE FONCTIONNER SANS PERTURBATION AU MOINS DEUX STATIONS DE BASE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHWARK, Uwe** [DE/DE]; Freiheitstrasse 6, D–46399 Bocholt (DE). **BOLINTH, Edgar** [DE/DE]; Rheindahlener Strasse 88, D–41189 Mönchengladbach (DE). **ARETZ, Kurt** [DE/DE]; Märkische Strasse 36, D–46419 Isselburg (DE). **KAMPERSCHROER, Erich** [DE/DE]; Am Königsbach 27, D–46499 Hamminkeln (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) BR CA CN IN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **H04B 7/00, 1/38, 1/06, 5/00, H04R 27/00, 25/00, 5/00**

(11) **WO 00/19632** (13) A1

(21) PCT/US98/20531

(22) **30 Sep/sep 1998 (30.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PERSONAL, SELF–PROGRAMMING, SHORT–RANGE TRANSCEIVER SYSTEM
• SYSTEME D'EMETTEUR–RECEPTEUR PERSONNEL, A PROGRAMMATION AUTOMATIQUE ET DE COURTE PORTEE

(71, 72) **DRESS, William, Alexander** [US/US]; 1216 Nighthawk Lane, Knoxville, TN 37923–2040 (US). **DRESS, William, Benjamin, Jr.** [US/US]; 1216 Nighthawk Lane, Knoxville, TN 37923–2040 (US). **COLLINS, Austin** [US/US]; 1811 Harbour View Drive, Lenoir City, TN 37772 (US).

(74) **DRESS, William, Benjamin, Jr.**; 1216 Nighthawk Lane, Knoxville, TN 37923–2040 (US).

(81) AU CA CN IL JP KR MX NZ US; 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] **H04B 7/005**

(11) **WO 00/19633** (13) A1

(21) PCT/DE99/02761

(22) **1 Sep/sep 1999 (01.09.1999)**

(25) de (26) de

(30) 198 44 736.1 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR REGULATING DOWNLINK TRANSMITTING POWER IN A MOBILE RADIOTELEPHONE NETWORK
• PROCEDE DE REGLAGE DE LA PUISSANCE D'EMISSION DE LA LIAISON DESCENDANTE DANS UN SYSTEME RADIOMOBILE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHULZ, Egon** [DE/DE]; Wittenberger Str. 3, D–80993 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) BR CN ID IN MX US; 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] **H04B 7/005**

(11) **WO 00/19634** (13) A1

(21) PCT/EP99/06631

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) en (26) en

(30) 9821089.1 **30 Sep/sep 1998** GB **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR THE COMMUNICATION OF INFORMATION AND APPARATUS EMPLOYING THE METHOD
• PROCEDE DE TRANSMISSION D'INFORMATIONS ET APPAREIL ASSOCIE

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

(72) **MOULSLEY, Timothy, J.**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **DEGUELLE, Wilhelmus, H., G.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(81) CN JP KR; 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] **H04B 7/005, 7/26**

(11) **WO 00/19635** (13) A1

(21) PCT/FI99/00763

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) fi (26) en

(30) 982121 **30 Sep/sep 1998** FI **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • POWER CONTROL IN A RADIO SYSTEM
• REGULATION DE LA PUISSANCE DANS UN SYSTEME RADIO

(71) **NOKIA NETWORKS OY** [FI/FI]; Keilalahdentie 4, FIN–02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SALONAHO, Oscar** [FI/FI]; Oksasenkatu 4bA 8, FIN–00100 Helsinki (FI). **LAPPETELÄINEN, Antti** [FI/FI]; Vallikuja 4 B 12, FIN–02600 Espoo (FI).

(74) **PATENT AGENCY COMPATENT LTD.**; Pitkänsillanranta 3B, FIN–00530 Helsinki (FI).

(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 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; 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 7/005**

(11) **WO 00/19636** (13) A1

(21) PCT/US99/22251

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/162,967 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SYSTEM AND METHOD OF CONTROLLING CO–CHANNEL INTERFERENCE IN POINT TO POINT COMMUNICATIONS
• SYSTEME ET PROCEDE PERMETTANT DE CONTROLER LES INTERFERENCES INTER–CANAL DANS DES COMMUNICATIONS POINT A POINT

(71) **TRITON NETWORK SYSTEMS, INC.** [US/US]; 4th floor, 8529 Southpark Circle, Orlando, FL 32819 (US).

(72) **CHOW, Peter, El Kwan**; 10616 Emerald Chase Drive, Orlando, FL 32836 (US).

(74) **TANNENBAUM, David, H.** et al. / etc.; Fulbright & Jaworski L.L.P., Suite 2800, 2200 Ross Avenue, Dallas, TX 75201 (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 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; 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 7/08**

(11) **WO 00/19637** (13) A1

(21) PCT/US99/22822

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/163,872 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ARCHITECTURE FOR DEPENDABILITY ENHANCEMENT OF WIRELESS BASE STATIONS
• ARCHITECTURE RENFORÇANT LA SURETE DE FONCTIONNEMENT DE STATIONS DE BASE SANS FIL

(71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121–1714 (US).

(72) **BURKE, Joseph, P.**; 2411 La Plancha Lane, Carlsbad, CA 92009 (US).

(74) **MILLER, Russell, B.** et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121–1714 (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 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; 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 7/185**

(11) **WO 00/19638** (13) A1

(21) PCT/GB99/03256

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 98307974.0 **30 Sep/sep 1998** EP **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SATELLITE DATA COMMUNICATIONS WITH RADIO PATH INTERRUPTION IN A NON TRANSMISSION MODE FOR MAINTENANCE
• COMMUNICATIONS DE DONNEES PAR SATELLITE AVEC INTERRUPTION DU TRAJET RADIOELECTRIQUE ET SON PLACEMENT EN MODE MAINTENANCE PENDANT UNE SUSPENSION DE LA TRANSMISSION

(71) **ICO SERVICES LTD.** [GB/GB]; 1 Queen Caroline Street, London W6 9BN (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MULLINS, Dennis, Roy** [GB/GB]; 23 Kennington Palace Court, Sancroft Street, London SE11 5UL (GB). **GOERKE, Thomas** [GB/GB]; 32 The Highway, Stanmore, Middlesex HA7 3PN (GB).

(74) **READ, Matthew, Charles** et al. / etc.; Venner, Shipley & Co., 20 Little Britain, London EC1A 7DH (GB).

(81) JP US.

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(51)[7] **H04B 7/185**

(11) **WO 00/19639** (13) A1

(21) PCT/US99/22821

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/163,851 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • APPARATUS AND METHOD FOR SENDING COMMON INFORMATION ON COMMON DATA CHANNELS
• APPAREIL ET PROCEDE PERMETTANT D'ENVOYER UNE INFORMATION COMMUNE SUR DES CANAUX DE DONNEES COMMUNES

(71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121–1714 (US).

(72) **SCHIFF, Leonard, N.**; 13689 Winstanley Way, San Diego, CA 92130 (US).

(74) **OGROD, Gregory, D.**; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121–1714 (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 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; 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 7/26, H04L 5/02**

(11) **WO 00/19640** (13) A1

(21) PCT/DE99/02921

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) de (26) de

(30) 198 45 057.5. **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR FDMA TRANSMISSION
• PROCEDE DE TRANSMISSION ACCES MULTIPLE PAR REPARTITION EN FREQUENCE (AMRF)

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHWARK, Uwe** [DE/DE]; Freiheitstrasse 6, D–46399 Bocholt (DE). **BOLINTH, Edgar** [DE/DE]; Rheindahlener Strasse 88, D–41189 Mönchengladbach (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CN US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **H04B 7/26**

(11) **WO 00/19641** (13) A1

(21) PCT/US98/14387

(22) **21 Jul/juil 1998 (21.07.1998)**

(25) en (26) en

(30) 08/900,329 **25 Jul/juil 1997** US **(25.07.1997)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • APPARATUS FOR LOW POWER RADIO COMMUNICATIONS
• APPAREIL POUR COMMUNICATIONS RADIO A FAIBLE PUISSANCE

(71) **CLEVELAND MEDICAL DEVICES INC.** [US/US]; Suite 130, 11000 Cedar Avenue, Cleveland, OH 44106 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DACUS, Farron, L.** [US/US]; 3031 Trent, Irving, TX 75061 (US). **SCHMIDT, Robert, N.** [US/US]; 1721 Fulton Road, Cleveland, OH 44113 (US). **HENDRIX, Steven, P.** [US/US]; 8660 Brandywine, Sagamore Hills, OH 44067 (US).

(74) **VYNALEK, John, H.**; Suite 461, 11000 Cedar Avenue, Cleveland, OH 44106 (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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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)[6] **H04B 10/10, 10/22, G06K 7/10, G08C 23/04, G01C 21/04**

(11) **WO 00/19642** (13) A1

(21) PCT/EP98/06426

(22) **9 Oct/oct 1998 (09.10.1998)**

(25) de (26) de

(30) 198 44 809.0 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • INFORMATION SYSTEM
• SYSTEME D'INFORMATIONS

(71) **SENNHEISER ELECTRONIC GMBH & CO. KG** [DE/DE]; Am Labor 1, D–30900 Wedemark (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MEYER, Rolf** [DE/DE]; Leoschachtstrasse 13, D–30974 Wennigsen (DE). **NIEHOFF, Wolfgang** [DE/DE]; Auf der Horst 9C, D–30900 Wedemark (DE). **ROTH, Bernd** [DE/DE]; Kastanienallee 29b, D–30851 Langenhagen (DE). **SANDERS, Klaus** [DE/DE]; Meiendorfer Strasse 53, D–22145 Hamburg (DE). **KÜHN, Hans** [DE/DE]; Gartenstrasse 21, D–30900 Wedemark (DE).

(74) **GÖKEN, Klaus, G.**; Eisenführ, Speiser & Partner, Martinistrasse 24, D–28195 Bremen (DE).

(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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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)[6] **H04B 17/00, H04J 3/14**

(11) **WO 00/19643** (13) A1

(21) PCT/US99/20969

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 09/162,033 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A TERMINAL UNIT AND A METHOD FOR LOCATING A TERMINAL UNIT
• UNITE TERMINALE ET SON PROCEDE DE POSITIONNEMENT

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

(72) **KING, Steven, Elliot**; 5129 White Hills Drive, Fort Worth, TX 76137 (US). **REIF, Warren**; 7029 Club Creek Drive, Fort Worth, TX 76137 (US). **REED, John, Douglas**; 1101 Briarcliff Drive, Arlington, TX 76012 (US).

(74) **DONATO, Mario, J., Jr.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 5401 North Beach Street/MS E230, Fort Worth, TX 76137 (US).

(81) BR CA CN ID IL IN JP KR PL RU SG; 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] **H04B 17/00, 1/707**

(11) **WO 00/19644** (13) A1

(21) PCT/US99/22080

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 09/163,797 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ADAPTIVE WIRELESS COMMUNICATION RECEIVER
• RADIORECEPTEUR ADAPTATIF

(71) **CONEXANT SYSTEMS, INC.** [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660–3095 (US).

(72) **COX, Earl, C.**; 2501 Olive Avenue, La Crescenta, CA 91214 (US). **ANDERTON, David, O.**; 18 Sillero, Rancho Santa Margarita, CA 92688 (US). **KOMAILI, Jaleh**; 64 Canyon Ridge, Irvine, CA 92612 (US). **WAN, Yongbing**; 33 Vetrina, Irvine, CA 92606 (US). **WALLEY, Kenneth, S.**; 19262 Shadow Oak Drive, Portola Hills, CA 92679 (US).

(74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson & Bear, LLP, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).

(81) ; 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] **H04H 1/00, H04N 7/26**

(11) **WO 00/19645** (13) A1

(21) PCT/JP99/05339

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 10/277183 **30 Sep/sep 1998** JP **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEMODULATOR FOR DEMODULATING DIGITAL BROADCAST SIGNALS
• DEMODULATEUR PERMETTANT DE DEMODULER DES SIGNAUX DE DIFFUSION NUMERIQUES

(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) **NINOMIYA, Kunio** [JP/JP]; 1–9–151, Shonai–cho, Niihama–shi, Ehime 792–0811 (JP). **SAKASHITA, Seiji** [JP/JP]; 2–60–1–801, Minaminakaburi, Hirakata–shi, Osaka 573–0094 (JP). **KATO, Hisaya** [JP/JP]; 16–1–5, Hikaridai 8–chome, Seika–cho, Soraku–gun, Kyoto 619–0237 (JP).

(74) **IWAHASHI, Fumio** et al. / etc.; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma–shi, Osaka 571–8501 (JP).

(81) CN ID KR SG US.

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(51)[7] **H04H 1/02**

(11) **WO 00/19646** (13) A1

(21) PCT/US99/21231

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 09/163,297 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SYSTEM AND METHOD FOR REPRODUCING SUPPLEMENTAL INFORMATION IN ADDITION TO INFORMATION TRANSMISSIONS
• SYSTEME ET PROCEDE DE REPRODUCTION D'INFORMATIONS SUPPLEMENTAIRES S'AJOUTANT A DES INFORMATIONS DIFFUSEES

(71) **RADIOWAVE.COM, INC.** [US/US]; Suite 310 South, 1501 Woodfield Road, Schaumburg, IL 60173 (US).

(72) **MACKINTOSH, Gregory, B.**; 10 Meadowlark Court, Roselle, IL 60172 (US). **KIM, Mike, H.**; 816 Ramsgate Court, Naperville, IL 60540 (US). **PRICE, Edwin, C.**; 3270 N. Lake Shore Drive #14E, Chicago, IL 60657 (US). **STOJAKOVIC, Edward, C.**; 2125 W. Pierce, #3c, Chicago, IL 60622 (US).

(74) **LAURENSON, Robert, C.**; Lyon & Lyon LLP, Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071–2066 (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 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; 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] **H04H 1/02**

(11) **WO 00/19647** (13) A2

(21) PCT/US99/21234

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 09/163,288 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SYSTEM AND METHOD FOR COORDINATING COMMUNICATIONS NETWORK ADVERTISING MATERIAL
• SYSTEME ET PROCEDE DE COORDINATION DU MATERIEL PUBLICITAIRE SUR UN RESEAU DE TELECOMMUNICATIONS

(71) **RADIOWAVE.COM, INC.** [US/US]; Suite 310 South, 1501 Woodfield Road, Schaumburg, IL 60173 (US).

(72) **CAO, XiWei**; 230 E. Ontario #2206, Chicago, IL 60611 (US). **PRICE, Edwin, C.**; 3270 N. Lake Shore Drive #14E, Chicago, IL 60657 (US). **KIM, Mike, H.**; 816 Ramsgate Court, Naperville, IL 60540 (US). **WALSH, John, S.**; 3946 N. Fremont #3, Chicago, IL 60613 (US).

(74) **LAURENSON, Robert, C.**; Lyon & Lyon LLP, Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071–2066 (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 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; 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] **H04H 1/02**

(11) **WO 00/19648** (13) A2

(21) PCT/US99/22050

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 09/163,293 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SYSTEM AND METHOD FOR COORDINATING SUPPLEMENTAL MATERIALS WITH BROADCAST MATERIAL
• ADJONCTION DE MATERIAU EN COORDINATION AVEC UN MATERIAU DE RADIODIFFUSION, ET SYSTEME A CET EFFET

(71) **RADIOWAVE.COM, INC.** [US/US]; Suite 310 South, 1501 Woodfield Road, Schaumburg, IL 60173 (US).

(72) **MACKINTOSH, Gregory, B.**; 10 Meadowlark Court, Roselle, IL 60172 (US). **KIM, Mike, H.**; 816 Ramsgate Court, Naperville, IL 60540 (US). **PRICE, Edwin, C.**; 3270 N. Lake Shore Drive #14E, Chicago, IL 60657 (US). **STOJAKOVIC, Edward, C.**; 2125 W. Pierce #3c, Chicago, IL 60622 (US).

(74) **LAURENSON, Robert, C.**; Lyon & Lyon LLP, Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071–2066 (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 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; 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)[6] **H04J 3/06**

(11) **WO 00/19649** (13) A1

(21) PCT/EP98/06119

(22) **25 Sep/sep 1998 (25.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ACCESS NODE IN A TELECOMMUNICATION SYSTEM
• NOEUD D'ACCES DANS UN SYSTEME DE TELECOMMUNICATIONS

(71) **NOKIA TELECOMMUNICATIONS OY** [FI/FI]; Keilalahdentie 4, FIN–02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **POUTANEN, Antti** [FI/FI]; Nuijavuori 2A8, FIN–02630 Espoo (FI).

(74) **COHAUSZ & FLORACK**; Kanzlerstrasse 8a, D–40472 Düsseldorf (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 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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 3/08, H04L 12/64**

(11) **WO 00/19650** (13) A1

(21) PCT/US99/21714

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) en (26) en

(30) 09/162,375 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND SYSTEM FOR COMMUNICATION WITH A NETWORK
• PROCEDE ET SYSTEME DE COMMUNICATION AVEC UN RESEAU

(71) **RAYTHEON COMPANY** [US/US]; 141 Spring Street, Lexington, MA 02173 (US).

(72) **DARNELL, B., Scott**; 11 Pringle Lane, Rockwall, TX 75087 (US). **JENNINGS, William, T.**; 6714 Sayle, Greenville, TX 75402 (US). **LENGEL, Bradley, D.**; 737 Cowboys Parkway #1108, Irving, TX 75063 (US). **REDDY, Praveen, S.**; 3201 Duval Road #915, Austin, TX 78759 (US).

(74) **MEIER, Harold, E.**; Baker & Botts, L.L.P., 2001 Ross Avenue, Dallas, TX 75201–2980 (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) 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 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 UZ VN YU ZA ZW; 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 14/02**

(11) **WO 00/19651** (13) A2

(21) PCT/SE99/01719

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 9803296–4 **28 Sep/sep 1998** SE **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IMPROVEMENT IN OPTICAL MULTI-CHANNEL SYSTEMS
• AMELIORATIONS CONCERNANT DES SYSTEMES OPTIQUES MULTI-CANAUX

(71) **TELIA AB (publ)** [SE/SE]; Mårbackagatan 11, S–123 86 Farsta (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LARSSON, Stefan** [SE/SE]; Spelvägen 23, S–142 62 Trångsund (SE).

(74) **PRAGSTEN, Rolf**; Telia Research AB, Vitsandsgatan 9, S–123 86 Farsta (SE).

(81) EE JP LT LV NO US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **H04K 1/00**

(11) **WO 00/19652** (13) A1

(21) PCT/US99/22710

(22) **1 Oct/oct 1999 (01.10.1999)**

(25) en (26) en

(30) 60/102,633 **1 Oct/oct 1998** US **(01.10.1998)**

(30) 60/131,833 **29 Apr/avr 1999** US **(29.04.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DISTRIBUTED SHARED KEY GENERATION AND MANAGEMENT USING FRACTIONAL KEYS
• GENERATION ET GESTION DES CLES PARTAGEES REPARTIES AU MOYEN DE CLES FRACTIONNAIRES

(71, 72) **POOVENDRAN, Raadhakrishnan** [LK/US]; P.O. Box 474, Greenbelt, MD 20768 (US). **CORSON, Mathew, Scott** [US/US]; 10122 Ashwood Drive, Kensington, MD 20895 (US). **BARAS, John, S.** [US/US]; 10912 Burbank Drive, Potomac, MD 20854 (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 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 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; 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)[6] **H04K 1/02, H04B 1/04, H04L 23/02**

(11) **WO 00/19653** (13) A1

(21) PCT/US99/22157

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/160,934 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND APPARATUS PROVIDING IMPROVED INTERMODULATION DISTORTION PROTECTION
• PROCEDE ET DISPOSITIF AMELIORANT LA PROTECTION CONTRE LA DISTORSION D'INTERMODULATION

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

(72) **BAUTISTA, Edwin, E.**; 116 North 13th Avenue #306, Hollywood, FL 33160 (US). **BASTANI, Babak**; 802 Garnet Circle, Weston, FL 33326 (US). **HECK, Joseph, P.**; 1940 East Oak Knoll Circle, Ford Lauderdale, FL 33324 (US).

(74) **GHOMESHI, M., Mansour** et al. / etc.; Motorola Inc., Intellectual Property Dept., 8000 West Sunrise Boulevard, Fort Lauderdale, FL 33322 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; 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 5/06, H03H 17/02**

(11) **WO 00/19654** (13) A1

(21) PCT/SE99/01693

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/163,298 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • REDUCED COMPLEXITY AND INCREASED FLEXIBILITY MODIFIED FAST CONVOLUTION ALGORITHM
• ALGORITHME DE CONVOLUTION RAPIDE MODIFIE PRESENTANT UNE COMPLEXITE LIMITEE ET UNE FLEXIBILITE ACCRUE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S–126 25 Stockholm (SE).

(72) **HELLBERG, Richard**; Forellvägen 14, 111, S–141 47 Huddinge (SE).

(74) **ERICSSON RADIO SYSTEMS AB**; Patent Support/Ericsson Research, S–164 80 Stockholm (SE).

(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 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; 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 7/02, 25/49, 25/03**

(11) **WO 00/19655** (13) A1

(21) PCT/US99/22458

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/162,493 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TIMING RECOVERY FOR A HIGH SPEED DIGITAL DATA COMMUNICATION SYSTEM BASED ON ADAPTIVE EQUALIZER IMPULSE RESPONSE CHARACTERISTICS
• RECUPERATION DE RYTHME DANS UN SYSTEME DE COMMUNICATIONS DE DONNEES NUMERIQUES A GRANDE VITESSE EN UTILISANT DES CARACTERISTIQUES DE REPONSE IMPULSIONNELLE D'EGALISEUR ADAPTATIF

(71) **CONEXANT SYSTEMS, INC.** [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660–3095 (US).

(72) **JONSSON, Ragnar**; Breidavik 39, ib, 203, IS–112 Reykjavik (IS). **OLAFSSON, Sverrir**; Thingholtsstraeti 14, IS–101 Reykjavik (IS). **BJARNASON, Elias**; Baughies 19, IS–112 Reykjavik (IS).

(74) **TAKAHASHI, Mark, M.**; Snell & Wilmer L.L.P., One Arizona Center, 400 East Van Buren, Phoenix, AZ 85004–0001 (US).

(81) JP; 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 9/06**

(11) **WO 00/19656** (13) A1

(21) PCT/EP99/07012

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) de (26) de

(30) 198 45 095.8 **30 Sep/sep 1998 (30.09.1998)** DE

(30) 199 36 918.6 **5 Aug/août 1999 (05.08.1999)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ENCODING METHOD FOR CARRYING OUT CRYPTOGRAPHIC OPERATIONS
• PROCEDE DE CODAGE PERMETTANT DE REALISER DES OPERATIONS CRYPTOGRAPHIQUES

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL–5621 BA Eindhoven (NL).
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(71) **PHILIPS CORPORATE INTELLECTUAL PROPERTY GMBH** [DE/DE]; Habsburgerallee 11, D–52066 Aachen (DE).
(only for / seulement pour DE)

(72, 75) **PHILIPP, Stefan** [DE/NL]; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **PETERS, Carl, H.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[7] **H04L 9/06, G06F 1/00**

(11) **WO 00/19657** (13) A1

(21) PCT/EP99/07019

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) de (26) de

(30) 198 45 096.6 **30 Sep/sep 1998 (30.09.1998)** DE

(30) 199 36 890.2 **5 Aug/août 1999 (05.08.1999)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ENCODING METHOD FOR CARRYING OUT CRYPTOGRAPHIC OPERATIONS
• PROCEDE DE CODAGE PERMETTANT D'EXECUTER DES OPERATIONS CRYPTOGRAPHIQUES

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL–5621 BA Eindhoven (NL).
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(71) **PHILIPS CORPORATE INTELLECTUAL PROPERTY GMBH** [DE/DE]; Habsburgerallee 11, D–52066 Aachen (DE).
(only for / seulement pour DE)

(72, 75) **PHILIPP, Stefan** [DE/NL]; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **PETERS, Carl, H.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[7] **H04L 9/32**

(11) **WO 00/19658** (13) A1

(21) PCT/RU99/00197

(22) **16 Jun/juin 1999 (16.06.1999)**

(25) ru (26) ru

(30) 98117706 **29 Sep/sep 1998 (29.09.1998)** RU

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR THE BLIND GENERATION OF A DIGITAL RSA SIGNATURE AND DEVICE FOR REALISING THE SAME
• PROCEDE DE GENERATION D'UNE SIGNATURE RSA NUMERIQUE EN AVEUGLE ET DISPOSITIF DE MISE EN OEUVRE DE CE PROCEDE

(71, 72) **ZOLOTOREV, Oleg Anatolievich** [RU/RU]; ul. Molodezhnaya, 25–20, Sosnovy Bor, Leningradskaya obl., 188537 (RU). **KUZNETSOV, Ivan Vladimirovich** [RU/RU]; ul. Saltykova–Schedrina, 48–56, St.Petersburg, 191123 (RU). **MOSHONKIN, Andrei Gennadievich** [RU/RU]; ul. Shpalernaya, 44a–5, St.Petersburg, 191123 (RU). **SMIRNOV, Alexandr Leonidovich** [RU/RU]; ul. Dostoevskogo, 36–8, St.Petersburg, 191126 (RU). **KHAMITOV, Ildar Magafurovich** [RU/RU]; ul. Babushkina, 29–2–45, St.Petersburg, 193029 (RU).

(74) **MATVEEVA, Tatjana Ivanovna**; Patent and License Department, University, Universitetskaya Nab., 7/9, St.Petersburg, 199034 (RU).

(81) US; 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 12/00**

(11) **WO 00/19659** (13) A2

(21) PCT/DE99/03119

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) de (26) de

(30) 198 45 076.1 **30 Sep/sep 1998 (30.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR COMMUNICATING PACKET–ORIENTED INFORMATION OVER A TIME MULTIPLEX–ORIENTED RADIO ROUTE
• PROCEDE POUR TRANSMETTRE DES DONNEES ORIENTEES PAQUETS PAR L'INTERMEDIAIRE D'UNE LIAISON RADIOTELEPHONIQUE ORIENTEE MULTIPLEXAGE PAR REPARTITION DANS LE TEMPS

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
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(72, 75) **MORPER, Hans–Jochen** [DE/DE]; Nussstrasse 10, D–85253 Erdweg (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CN US; 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 12/00**

(11) **WO 00/19660** (13) A2

(21) PCT/US99/20790

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 09/163,336 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AN INTEGRATED SYSTEM FOR THE MANAGEMENT OF NETWORK USER MESSAGE INFORMATION ACROSS VARIOUS COMMUNICATION SYSTEMS
• SYSTEME INTEGRE DE GESTION D'INFORMATIONS PAR MESSAGERIE D'UTILISATEURS RESEAU DANS DIVERS SYSTEMES DE COMMUNICATIONS

(71) **TELIGENT, INC.** [US/US]; Suite 400, 8065 Leesburg Pike, Vienna, VA 22182 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MCKINNEY, Philip** [US/US]; 3669 Bull Run Mountain Road, The Plains, VA 20198 (US).

(74) **SCHWARTZ, Jeff** et al. / etc.; Suite 400K, 1801 K Street, NW, Washington, DC 20006 (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 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; 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 12/00**

(11) **WO 00/19661** (13) A2

(21) PCT/US99/22325

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 60/102,066 **28 Sep/sep 1998 (28.09.1998)** US

(30) 09/404,091 **23 Sep/sep 1999 (23.09.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TAGGING FOR DEMULTIPLEXING IN A NETWORK TRAFFIC SERVER
• ETIQUETAGE POUR DEMULTIPLEXAGE DANS UN SERVEUR DE TRAFIC DU RESEAU

(71) **INFOLIBRIA, INC.** [US/US]; 411 Waverly Oaks Road, Waltham, MA 02454 (US).

(72) **AMICANGIOLI, Anthony, D.**; 839 Boylston Street, Newton, MA 02461 (US).

(74) **THIBODEAU, David, J., Jr.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02421 (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 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; 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 12/18, H04N 5/00, H04L 29/06**

(11) **WO 00/19662** (13) A1

(21) PCT/US99/21232

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 09/163,292 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SYSTEM AND METHOD FOR PROVIDING BROADCAST MATERIAL HISTORY
• SYSTEME ET PROCEDE DE FOURNITURE DES ANTECEDENTS DE MATERIEL DE DIFFUSION

(71) **RADIOWAVE.COM, INC.** [US/US]; Suite 310 South, 1501 Woodfield Road, Schaumburg, IL 60173 (US).

(72) **MACKINTOSH, Gregory, B.**; 10 Meadowlark Court, Roselle, IL 60172 (US). **KIM, Mike, H.**; 816 Ramsgate Court, Naperville, IL 60540 (US). **PRICE, Edwin, C.**; 3270 N. Lake Shore Drive, #14E, Chicago, IL 60657 (US). **STOJAKOVIC, Edward, C.**; 2125 W. Pierce, #3c, Chicago, IL 60622 (US).

(74) **LAURENSON, Robert, C.**; Lyon & Lyon LLP, Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071–2066 (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 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; 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 12/24, H04Q 11/04**

(11) **WO 00/19663** (13) A1

(21) PCT/CA99/00872

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/101,857 **25 Sep/sep 1998 (25.09.1998)** US

(30) 2,264,407 **4 Mar/mar 1999 (04.03.1999)** CA

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND SYSTEM FOR NEGOTIATING TELECOMMUNICATION RESOURCES
• PROCEDE ET SYSTEME POUR NEGOCIER DES RESSOURCES DE TELECOMMUNICATIONS

(71) **WIRELESS SYSTEM TECHNOLOGIES, INC.** [CA/CA]; Suite 601, 205 Richmond Street West, Toronto, Ontario M5V 1V3 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SNELGROVE, William, Martin** [CA/CA]; Apartment #603, 90 Sherbourne Street, Toronto, Ontario M5A 2R1 (CA). **STUMM, Michael** [CA/CA]; 3 Belvale Avenue, Toronto, Ontario M8X 2A6 (CA). **DE SIMONE, Mauricio** [CA/CA]; Apartment 702, 10 Queen's Quay West, Toronto, Ontario M5J 2R9 (CA).

(74) **O'NEILL, T., Gary** et al. / etc.; Gowling, Strathy & Henderson, Suite 2600, 160 Elgin Street, Ottawa, Ontario K1P 1C3 (CA).

(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 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; 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 12/24**

(11) **WO 00/19664** (13) A2

(21) PCT/US99/22534

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,579 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MANAGING COMPUTER RESOURCES
• GESTION DE RESSOURCES INFORMATIQUES

(71) **NEXTPOINT NETWORKS** [US/US]; 68 Tadmuck Road, Westford, MA 01886 (US).

(72) **SWEET, Bruce**; 19 Kings Row, North Reading, MA 01864 (US). **KELLEY, Bruce, A., Jr.**; 8 Hyacinth Drive, Westford, MA 01886 (US). **HUANG, Yuming**; 3 Rio Grande Drive, Chelmsford, MA 01824 (US). **LEVIN, Andrew, M.**; Apartment 31, 48 Great Road, Acton, MA 01886 (US). **MAYO, Gregory**; 8 Rabbit Run, Salem, NH 03709 (US).

(74) **REYES, Jason, A.** et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (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 UZ VN YU ZW; 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)[6] **H04L 12/28, 12/46, 12/66**

(11) **WO 00/19665** (13) A1

(21) PCT/US99/22773

(22) **1 Oct/oct 1999 (01.10.1999)**

(25) en (26) en

(30) 60/102,656 **1 Oct/oct 1998 (01.10.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NETWORK TO NETWORK BANDWIDTH ON DEMAND
• LARGEUR DE BANDE SUR DEMANDE POUR INTERCONNEXIONS DE RESEAU A RESEAU

(71) **CORNICE COMMUNICATIONS, INC.** [US/US]; Andover Tech Center, Suite 135, One Tech Drive, Andover, MA 01810–2452 (US).

(72) **LENROW, David, R.**; 12 Phinney Road, Lexington, MA 02421 (US). **MILLER, Mark, W.**; 15 Oak Ridge Drive, Artkinson, NH 03811 (US).

(74) **STEWART, David, L.** et al. / etc.; McDermott, Will & Emery, 600 13th Street, N.W., Washington, DC 20005 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CZ DE DK DM 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 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; 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 12/423, 12/42, 12/64**

(11) **WO 00/19666** (13) A1

(21) PCT/US99/21648

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) en (26) en

(30) 09/162,370 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND SYSTEM FOR SCHEDULING NETWORK COMMUNICATION
• PROCEDE ET SYSTEME POUR PROGRAMMER UNE TRANSMISSION PAR RESEAU

(71) **RAYTHEON COMPANY** [US/US]; 141 Spring Street, Lexington, MA 02173 (US).

(72) **DARNELL, B., Scott**; 11 Pringle Lane, Rockwall, TX 75087 (US). **JENNINGS, William, T.**; 6714 Sayle, Greenville, TX 75402 (US). **LENGEL, Bradley, D.**; 737 Cowboys Parkway #1108, Irving, TX 75063 (US). **REDDY, Praveen, S.**; 3201 Duval Road #915, Austin, TX 78759 (US).

(74) **MEIER, Harold, E.**; Baker & Botts, L.L.P., 2001 Ross Avenue, Dallas, TX 75201–2980 (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) 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 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 UZ VN YU ZA ZW; 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)[6] **H04L 12/437**

(11) **WO 00/19667** (13) A1

(21) PCT/JP98/04341

(22) **28 Sep/sep 1998 (28.09.1998)**

(25) ja (26) ja

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND SYSTEM FOR DETECTING FAILURE OF RING NETWORK
• PROCEDE ET SYSTEME SERVANT A DETECTER LA DEFAILLANCE D'UN RESEAU ANNULAIRE

(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)*

(71) **TOSHIBA COMMUNICATION TECHNOLOGY CORPORATION** [JP/JP]; 1–21, Asahigaoka 3–chome, Hino–shi, Tokyo 191–0065 (JP). *(only for / seulement pour JP)*

(72, 75) **SUZUKI, Muneyuki** [JP/JP]; 58–509, Hirao–jutaku, 3–7–5, Hirao, Inagi–shi, Tokyo 206–0823 (JP). **NAGAI, Hiroki** [JP/JP]; E631, Kureare–Toshiba–Fuchu, 2–1, Toshibacho, Fuchu–shi, Tokyo 183–0043 (JP). **NOGAMI, Kazuo** [JP/JP]; 1–17–1–515, Higashi–Hashimoto, Sagamihara–shi, Kanagawa 229–1104 (JP). **KUNIKYO, Tomoo** [JP/JP]; 6–1–19, Kugahara, Ota–ku, Tokyo 146–0085 (JP). **KUNIMUNE, Masanori** [JP/JP]; 999–153–703, Mogusa, Hino–shi, Tokyo 191–0033 (JP).

(74) **KIMURA, Takahisa**; Sendai Building, 6F, 8–11, Minato 1–chome, Chuo–ku, Tokyo 104–0043 (JP).

(81) CA CN JP US.

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(51)[7] **H04L 12/56**

(11) **WO 00/19668** (13) A1

(21) PCT/DE99/02926

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) de (26) de

(30) 198 44 993.3 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR MODIFYING THE TRANSMISSION–ORIENTED VARIABLES OF A MONITORING PROCESS
• PROCEDE PERMETTANT DE MODIFIER LES VARIABLES ORIENTEES TRANSMISSION D'UNE PROCEDURE DE SURVEILLANCE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HEISS, Herbert** [DE/DE]; Bussardstrasse 32, D–82008 Unterhaching (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **H04L 12/56, 29/06**

(11) **WO 00/19669** (13) A1

(21) PCT/JP98/04315

(22) **25 Sep/sep 1998 (25.09.1998)**

(25) ja (26) ja

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR REPEATING QUALITY REPORT INFORMATION IN ATM NETWORK
• PROCEDE POUR REPETER LES INFORMATIONS RELATIVES AU RAPPORT SUR LA QUALITE DANS UN RESEAU A MTA

(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) **ITOH, Jun** [JP/JP]; Fujitsu Communication Systems Limited, 9–18, Shinyokohama 3–chome, Kohoku–ku, Yokohama–shi, Kanagawa 222–0033 (JP).

(74) **HAYASHI, Tsunenori** et al. / etc.; Hayashi, Doi & Associates, Toshou–Building No. 3,3–9–5, Shin–yokohama, Kohoku–ku, Yokahama–shi, Kanagawa 222–0033 (JP).

(81) JP US; EP (DE FR).

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(51)[6] **H04L 12/56**

(11) **WO 00/19670** (13) A1

(21) PCT/US98/20356

(22) **30 Sep/sep 1998 (30.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ACTIVE CHANNEL VIRTUAL OFFICE
• BUREAU VIRTUEL A CANAUX ACTIFS

(71) **HARRIS CORPORATION** [US/US]; 1025 West NASA Boulevard, Melbourne, FL 32919 (US).

(72) **PAK, Wai**; 2787 11th Street, San Pablo, CA 94806 (US).

(74) **ROGERS, L., Lawton, III** et al. / etc.; Rogers & Killeen, Suite 400, 510 King Street, Alexandria, VA 22314 (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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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 12/56**

(11) **WO 00/19671** (13) A1

(21) PCT/US99/21553

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 09/161,923 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A ROUTING ARRANGEMENT
• DISPOSITIF D'ACHEMINEMENT

(71) **SITERA, INC.** [US/US]; 1820 Lefthand Circle, Longmont, CO 80501 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHEAFOR, Stephen, J.** [US/US]; 132 Wildcat Lane, Boulder, CO 80304 (US). **KOERNER, Christopher** [US/US]; 5699 Boulder Hills Drive, Longmont, CO 80503 (US). **LINCOLN, Bradford, C.** [US/US]; 4570 Martin Drive, Boulder, CO 80303 (US). **SUGAR, Robert** [US/US]; 2113 Bluff Street, Boulder, CO 80304 (US). **HUIE, Jonathan, L.** [US/US]; 2432 Ginny Way, Lafayette, CO 80026 (US).

(74) **GALLENSON, Mavis, S.** et al. / etc.; Ladas & Parry, Suite 2100, 5670 Wilshire Boulevard, Los Angeles, CA 90036–5679 (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 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; 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 12/64**

(11) **WO 00/19672** (13) A1

(21) PCT/US99/21721

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) en (26) en

(30) 09/162,317 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND SYSTEM FOR COMMUNICATING INFORMATION IN A NETWORK
• PROCEDE ET SYSTEME POUR TRANSMETTRE DES INFORMATIONS DANS UN RESEAU

(71) **RAYTHEON COMPANY** [US/US]; 141 Spring Street, Lexington, MA 02173 (US).

(72) **DARNELL, B., Scott**; 11 Pringle Lane, Rockwall, TX 75087 (US). **JENNINGS, William, T.**; 6714 Sayle, Greenville, TX 75402 (US). **LENGEL, Bradley, D.**; 737 Cowboys Parkway #1108, Irving, TX 75063 (US). **REDDY, Praveen, S.**; 3201 Duval Road #915, Austin, TX 78759 (US).

(74) **MEIER, Harold, E.**; Baker & Botts, L.L.P., 2001 Ross Avenue, Dallas, TX 75201–2980 (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) 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 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 UZ VN YU ZA ZW; 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)[6] **H04L 27/06**

(11) **WO 00/19673** (13) A1

(21) PCT/JP99/05213

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) ja (26) ja

(30) 10/273385 **28 Sep/sep 1998** JP **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • VSB RECEIVER
• RECEPTEUR A BANDE LATERALE RESIDUELLE

(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) **KONISHI, Takaaki** [JP/JP]; 15–44, Higashinara 2–chome, Ibaraki–shi, Osaka 567–0861 (JP). **UEDA, Kazuya** [JP/JP]; C73–201, Senriaoyamadaidanchi, 3, Aoyamadai 1–chome, Suita–shi, Osaka 565–0875 (JP). **AZAKAMI, Hiroshi** [JP/JP]; 9–105, Ikuno 4–chome, Katano–shi, Osaka 576–0054 (JP).

(74) **OGASAWARA, Shiro**; Daisan–Longev' Building, 3–11, Enokicho, Suita–shi, Osaka 564–0053 (JP).

(81) BR CA KR MX US.

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(51)[7] **H04L 27/20, 27/22**

(11) **WO 00/19674** (13) A1

(21) PCT/DE99/03057

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) de (26) de

(30) 198 44 165.7 **25 Sep/sep 1998** DE **(25.09.1998)**

(30) 198 44 097.9 **25 Sep/sep 1998** DE **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CONVERSION OF GFSK–MODULATED SIGNALS INTO QPSK–MODULATED SIGNALS
• TRANSMODULATION ENTRE LES SIGNAUX GMSK–MODULES ET DES SIGNAUX MDPQ–MODULES

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SYDON, Uwe** [DE/DE]; Amsterdamerstr. 32, D–40474 Düsseldorf (DE). **KOCKMANN, Jürgen** [DE/DE]; Oststr. 52, D–48599 Gronau–Epe (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CA CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(51)[7] **H04L 27/26, H03K 9/00**

(11) **WO 00/19675** (13) A1

(21) PCT/DE99/02752

(22) **1 Sep/sep 1999 (01.09.1999)**

(25) de (26) de

(30) 198 44 460.5 **28 Sep/sep 1998** DE **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DIGITAL RECEIVER FOR A SIGNAL GENERATED WITH DISCRETE MULTI–TONE MODULATION
• RECEPTEUR NUMERIQUE POUR UN SIGNAL PRODUIT A L'AIDE DE LA MODULATION DISCRETE A TONALITES MULTIPLES

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHENK, Heinrich** [DE/DE]; Fatimastrasse 3, D–81476 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CN JP KR US; 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 27/26, 1/12**

(11) **WO 00/19676** (13) A1

(21) PCT/EP99/06795

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 98118471.6 **30 Sep/sep 1998** EP **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TIME–FREQUENCY DIFFERENTIAL ENCODING FOR MULTICARRIER SYSTEM
• CODAGE DIFFERENTIEL TEMPS–FREQUENCE POUR UN SYSTEME A MULTIPORTEUSES

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S–126 25 Stockholm (SE).

(72) **HUBER, Johannes**; Waldstrasse 1c, D–91094 Langensendelbach (DE). **MÜLLER–WEINFURTNER, Stefan**; Goethestrasse 15, D–90409 Nürnberg (DE).

(74) **VON FISCHERN, Bernhard** et al. / etc.; Hoffmann . Eitle, Arabellastrasse 4, D–81925 Munich (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 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; 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 29/00**

(11) **WO 00/19677** (13) A2

(21) PCT/CA99/00876

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/101,857 **25 Sep/sep 1998 (25.09.1998)** US

(30) 2,264,407 **4 Mar/mar 1999 (04.03.1999)** CA

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CONNECTION MANAGER FOR TELECOMMUNICATIONS
• GESTIONNAIRE DE CONNEXION POUR TELECOMMUNICATIONS

(71) **WIRELESS SYSTEM TECHNOLOGIES, INC.** [CA/CA]; Suite 601, 205 Richmond Street West, Toronto, Ontario M5V 1V3 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SNELGROVE, William, Martin** [CA/CA]; Apartment #603, 90 Sherbourne Street, Toronto, Ontario M5A 2R1 (CA). **STUMM, Michael** [CA/CA]; 3 Belvale Avenue, Toronto, Ontario M8X 2A6 (CA). **DE SIMONE, Mauricio** [CA/CA]; Apartment 702, 10 Queens Quay West, Toronto, Ontario M5J 2R9 (CA). **TRUDEAU, Chris** [CA/CA]; Suite 908, 424 Yonge Street, Toronto, Ontario M5N 2H3 (CA).

(74) **O'NEILL, T., Gary** et al. / etc.; Gowling, Strathy & Henderson, Suite 2600, 160 Elgin Street, Ottawa, Ontario K1P 1C3 (CA).

(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 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; 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 29/00**

(11) **WO 00/19678** (13) A2

(21) PCT/DE99/03061

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) de (26) de

(30) 198 44 998.4 **30 Sep/sep 1998 (30.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ARRANGEMENT AND METHOD FOR ENCODING AND DECODING DIGITAL DATA ACCORDING TO THE INTERNET PROTOCOL
• SYSTEME ET PROCEDE POUR CODER ET DECODER DES DONNEES NUMERIQUES SELON LE PROTOCOLE INTERNET

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PFAFF, Oliver** [DE/DE]; Grossgörschenstr. 5, D–10827 Berlin (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) US; 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 29/00**

(11) **WO 00/19679** (13) A2

(21) PCT/SE99/01650

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) en (26) en

(30) 09/164,243 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DATA LINK LAYER MANAGER FOR NETWORK ACCESS
• GESTIONNAIRE DE COUCHES LIAISON DE DONNEES POUR ACCES AU RESEAU

(71) **TELEFONAKTIEBOLAGET L M ERICSSON (publ)** [SE/SE]; S–126 25 Stockholm (SE).

(72) **SCHMID, Glen**; 90 Rue Upper Cambridge, Baie d'Urfe, Quebec H9X 2V6 (CA). **LACHANCE, Matthieu**; 716 de L'Epee #8, Outremont, Quebec H2V 3T9 (CA).

(74) **ERICSSON RADIO SYSTEMS AB**; Common Patent Department, S–164 80 Stockholm (SE).

(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 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; 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 29/00**

(11) **WO 00/19680** (13) A2

(21) PCT/US99/21684

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 60/100,723 **17 Sep/sep 1998 (17.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SYSTEM AND METHOD FOR NETWORK FLOW OPTIMIZATION USING TRAFFIC CLASSES
• SYSTEME ET PROCEDE D'OPTIMISATION D'INTENSITE DE TRAFIC SUR UN RESEAU, AU MOYEN DE CLASSES DE TRAFIC

(71, 72) **MCNAMARA, Tod** [US/US]; 45 Waterhouse Lane, Rowley, MA 01969 (US).

(74) **MICHAELIS, Brian, L.** et al. / etc.; Brown, Rudnick, Freed & Gesmer, P.C., Box IP, 18th floor, One Financial Center, Boston, MA 02111 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; 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 29/00**

(11) **WO 00/19681** (13) A2

(21) PCT/US99/22523

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/163,906 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SYSTEM FOR BUILDING AND DYNAMICALLY RECONFIGURING PROTOCOL STACKS

- SYSTEME DE CONSTRUCTION ET DE RECONFIGURATION DYNAMIQUE DE PILES DE PROTOCOLES

(71) **XBIND, INC.** [US/US]; Suite 13C, 55 Broad Street, New York, NY 10004 (US).

(72) **HUARD, Jean–François**; Apartment #37, 200 Claremont Avenue, New York, NY 10027 (US). **LAZAR, Aurel, A.**; Suite 32A, 410 Riverside Drive, New York, NY 10025 (US).

(74) **NUGENT, Elizabeth, E.**; Choate, Hall & Stewart, Exchange Place, 53 State Street, Boston, MA 02109 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC 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; 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 29/06, 29/12**

(11) **WO 00/19682** (13) A1

(21) PCT/US99/20720

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/161,326 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AN APPARATUS AND METHOD FOR IMPROVING PERFORMANCE OF PROXY ARRAYS THAT USE PERSISTENT CONNECTIONS
• APPAREIL ET PROCEDE POUR AMELIORER LES PERFORMANCES DE RESEAUX DE PROXIMITE UTILISANT DES CONNEXIONS PERSISTANTES

(71) **SUN MICROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, MS PAL1–521, Palo Alto, CA 94303 (US).

(72) **GUPTA, Amit**; 2000 Walnut Street, Apartment J–207, Fremont, CA 94538 (US).

(74) **SOCKOL, Marc, A.**; Graham & James LLP, 600 Hansen Way, Palo Alto, CA 94304–1043 (US) et al. / etc.

(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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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 29/06, 12/64**

(11) **WO 00/19683** (13) A1

(21) PCT/US99/21722

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) en (26) en

(30) 09/162,372 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND SYSTEM FOR MANAGING STORAGE OF DATA
• PROCEDE ET SYSTEME DE GESTION DU STOCKAGE DE DONNEES

(71) **RAYTHEON COMPANY** [US/US]; 141 Spring Street, Lexington, MA 02173 (US).

(72) **DARNELL, B., Scott**; 11 Pringle Lane, Rockwall, TX 75087 (US). **JENNINGS, William, T.**; 6714 Sayle, Greenville, TX 75402 (US). **LENGEL, Bradley, D.**; 737 Cowboys Parkway, #1108, Irving, TX 75063 (US). **REDDY, Praveen, S.**; 3201 Duval Road, #915, Austin, TX 78759 (US).

(74) **MEIER, Harold, E.**; Baker & Botts, L.L.P., 2001 Ross Avenue, Dallas, TX 75201–2980 (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) 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 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 UZ VN YU ZA ZW; 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] **H04M**

(11) **WO 00/19684** (13) A2

(21) PCT/IL99/00517

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 60/102,068 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A METHOD FOR DIALING FROM COMPUTER APPLICATIONS
• PROCEDE DE COMPOSITION A PARTIR D'APPLICATIONS INFORMATIQUES

(71, 72) **TZIRIN, Amatzia** [IL/IL]; Nachum Kesselman Street 10, 76573 Rehovot (IL).

(74) **EITAN, PEARL, LATZER & COHEN–ZEDEK**; Gav Yam Center 2, Shenkar Street 7, 46725 Herzlia (IL).

(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 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; 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] **H04M 1/05, H04R 1/10**

(11) **WO 00/19685** (13) A1

(21) PCT/US99/22239

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/101,838 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HEADSET WITH ADJUSTABLE EARPIECE
• CASQUE A ECOUTEUR AJUSTABLE

(71) **HELLO DIRECT, INC.** [US/US]; 5893 Rue Ferrari, San Jose, CA 95138 (US).

(72) **LATHROP, Robert, L., III**; 2345 Benton Street, Santa Clara, CA 95050 (US). **LUTZINGER, Richard, J.**; 647 Choctaw Drive, Fremont, CA 94539 (US). **OLSON, Kenneth, G.**; 24105 Schulties Road, Los Gatos, CA 95033 (US). **MAGNASCO, John, H.**; 1851 McBain Avenue, San Jose, CA 95125 (US).

(74) **HAVERSTOCK, Thomas, B.** et al. / etc.; Haverstock & Owens LLP, Suite 420, 260 Sheridan Avenue, Palo Alto, CA 94306 (US).

(81) CA CN DE DK GB JP KR.

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(51)[7] **H04M 1/60, H03G 7/00, 3/32**

(11) **WO 00/19686** (13) A1

(21) PCT/EP99/06787

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 98/12159 **29 Sep/sep 1998 (29.09.1998)** FR

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TELEPHONE WITH MEANS FOR ENHANCING THE SUBJECTIVE SIGNAL IMPRESSION IN THE PRESENCE OF NOISE
• TELEPHONE AVEC DISPOSITIF PERMETTANT D'AMELIORER L'IMPRESSION DE SIGNAL SUBJECTIVE EN PRESENCE DE BRUIT

(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) **CHARKANI EL HASSANI, Ahmed, N.** [MA/NL]; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **PARAYRE–MITZOVA, Daniela** [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 JP KR US; 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] **H04M 1/72**

(11) **WO 00/19687** (13) A1

(21) PCT/FR99/02315

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) fr (26) fr

(30) 98/12228 **30 Sep/sep 1998** FR **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MOBILE STATION FOR PROCESSING DATA WITH LOCAL COMMUNICATION MODULE
• POSTE MOBILE DE TRAITEMENT DE DONNEES A MODULE DE COMMUNICATION LOCALE

(71) **INRIA INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE** [FR/FR]; Domaine de Voluceau, Rocquencourt, Boîte postale 105, F–78153 Le Chesnay Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BANATRE, Michel** [FR/FR]; 28, rue de La Masse, F–35111 La Fresnais (FR). **WEIS, Frédéric** [FR/FR]; 54, rue de la Fontaine aux Pélerins, F–35400 Saint Malo (FR).

(74) **PLAÇAIS, Jean–Yves**; Cabinet Netter, 40, rue Vignon, F–75009 Paris (FR).

(81) JP US; 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] **H04M 1/725**

(11) **WO 00/19688** (13) A1

(21) PCT/EP99/07449

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 09/160,491 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MOBILE TELEPHONE WITH SILENT ANSWER
• TELEPHONE MOBILE AVEC REPONSE SILENCIEUSE

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

(72) **HIRSCH, Olaf, J.**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **DEGUELLE, Wilhelmus, H., G.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(81) CN JP KR; 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] **H04M 1/738, 11/06**

(11) **WO 00/19689** (13) A1

(21) PCT/DE99/02911

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) de (26) de

(30) 198 45 123.7 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE FOR ESTABLISHING A GALVANICALLY SEPARATE CONNECTION BETWEEN A TELEPHONE LINE AND A SIGNAL PROCESSING UNIT AT THE SUBSCRIBER END OF THE TELEPHONE LINE
• DISPOSITIF PERMETTANT LA LIAISON GALVANIQUEMENT SEPAREE D'UNE LIGNE TELEPHONIQUE ET D'UN DISPOSITIF DE TRAITEMENT DES SIGNAUX PLACE A L'EXTREMITE ABONNE DE LA LIGNE TELEPHONIQUE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZWICK, Thomas** [DE/DE]; Ottobrunner Strasse 82, D–85635 Höhenkirchen–Siegertsbrunn (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CN JP KR US; 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] **H04M 3/30**

(11) **WO 00/19690** (13) A1

(21) PCT/DE99/03101

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) de (26) de

(30) 198 45 072.9 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR TESTING SUBSCRIBER LINES
• PROCEDE DE VERIFICATION DE LIGNES DE CONNEXION D'ABONNES

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHRISTENSEN, Svend** [DK/DE]; Peter–Rosegger–Str. 24, D–82178 Puchheim (DE). **LIEFLÄNDER, Ulrich** [DE/DE]; Greppenstr. 11, D–82239 Alling (DE). **SCHMÖLLER, Franz** [AT/DE]; Marsstr. 5, D–82110 Germering (DE). **DIRSCHERL, Ludwig** [DE/DE]; Birthälmerstr. 65, D–81829 München (DE). **RUDOLF, Hans–Werner** [DE/DE]; Wörthstr. 13, D–81667 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) BR CA CN JP RU US; 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] **H04M 3/50, 3/56, G06F 17/60**

(11) **WO 00/19691** (13) A1

(21) PCT/CA99/00871

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/101,857 **25 Sep/sep 1998** US **(25.09.1998)**

(30) 2,264,407 **4 Mar/mar 1999** CA **(04.03.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SYSTEM AND METHOD FOR CONDUCTING AN AUCTION OVER A COMMUNICATIONS NETWORK
• SYSTEME ET PROCEDE POUR EFFECTUER UNE VENTE AUX ENCHERES SUR UN RESEAU DE COMMUNICATION

(71) **WIRELESS SYSTEM TECHNOLOGIES, INC.** [CA/CA]; Suite 601, 205 Richmond Street West, Toronto, Ontario M5V 1V3 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SNELGROVE, William, Martin** [CA/CA]; Apartment #603, 90 Sherbourne Street, Toronto, Ontario M5A 2R1 (CA). **STUMM, Michael** [CA/CA]; 3 Belvale Avenue, Toronto, Ontario M8X 2A6 (CA). **DE SIMONE, Mauricio** [CA/CA]; Apartment 702, 10 Queen's Quay West, Toronto, Ontario M5J 2R9 (CA).

(74) **O'NEILL, T., Gary** et al. / etc.; Gowling, Strathy & Henderson, Suite 2600, 160 Elgin Street, Ottawa, Ontario K1P 1C3 (CA).

(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 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; 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] **H04M 3/533**

(11) **WO 00/19692** (13) A1

(21) PCT/US99/22099

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 09/161,214 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MULTIPLE NODE MESSAGING SYSTEM WHEREIN NODES HAVE SHARED ACCESS TO MESSAGE STORES OF OTHER NODES
• SYSTÈME DE MESSAGERIE À NOEUDS MULTIPLES EN ACCÈS PARTAGÉ AUX MÉMOIRES DE MESSAGES DES AUTRES NOEUDS

(71) **UNISYS CORPORATION** [US/US]; Township Line and Union Meeting Roads, P.O. Box 500, Blue Bell, PA 19424–0001 (US).

(72) **KRUESI, Frederick, C.**; 703 Brooke Road, Exton, PA 19341 (US). **RUSSELL, Gary, P.**; 670 Coates Lane, King of Prussia, PA 19406–2560 (US). **HAHN, Linda, K.**; 2119 Beaver Hill Road, Chester Springs, PA 19425–2617 (US).

(74) **STARR, Mark, T.** et al. / etc.; Unisys Corporation, Township Line and Union Meeting Roads, P.O. Box 500, Blue Bell, PA 19424–0001 (US).

(81) AU BR CA CN JP MX NZ; 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] **H04M 3/56**

(11) **WO 00/19693** (13) A1

(21) PCT/CA99/00875

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/101,857 **25 Sep/sep 1998 (25.09.1998)** US

(30) 2,264,407 **4 Mar/mar 1999 (04.03.1999)** CA

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND SYSTEM OF TELECONFERENCING
• SYSTEME DE TELECONFERENCE ET PROCEDE AFFERENT

(71) **WIRELESS SYSTEM TECHNOLOGIES, INC.** [CA/CA]; Suite 601, 205 Richmond Street West, Toronto, Ontario M5V 1V3 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SNELGROVE, William, Martin** [CA/CA]; Apartment 603, 90 Sherbourne Street, Toronto, Ontario M5A 2R1 (CA). **STUMM, Michael** [CA/CA]; 3 Belvale Avenue, Toronto, Ontario M8X 2A6 (CA). **DE SIMONE, Mauricio** [CA/CA]; Apartment 702, 10 Queen's Quay West, Toronto, Ontario M5J 2R9 (CA).

(74) **O'NEILL, Gary** et al. / etc.; Gowling, Strathy & Henderson, Suite 2600, 160 Elgin Street, Ottawa, Ontario K1P 1C3 (CA).

(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 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; 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] **H04M 7/00**

(11) **WO 00/19694** (13) A2

(21) PCT/FI99/00790

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 982073 **25 Sep/sep 1998 (25.09.1998)** FI

(30) 982368 **30 Oct/oct 1998 (30.10.1998)** FI

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SIGNALLING IN A TELECOMMUNICATIONS SYSTEM
• SIGNALISATION DANS UN SYSTEME DE TELECOMMUNICATIONS

(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) **MECKLIN, Tomas** [FI/FI]; Laaksolahdentie 11 E, FIN–02720 Espoo (FI). **HEINONEN, Veli–Pekka** [FI/FI]; Ajurinkuja 5 D 32, FIN–02600 Espoo (FI). **FÖRSTRÖM, Roger, Raimond** [FI/FI]; Skolängsvägen 8, FIN–10410 Åminnefors (FI). **BJÖRKLUND, Leif, Erik** [FI/FI]; Avaruuskatu 3 H 150, FIN–02210 Espoo (FI).

(74) **BORENIUS & CO OY AB**; Kansakoulukuja 3, FIN–00100 Helsinki (FI).

(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 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; 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] **H04M 11/00, H04L 12/28**

(11) **WO 00/19695** (13) A1

(21) PCT/IB99/01592

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) it (26) en

(30) MI98A002104 **30 Sep/sep 1998 (30.09.1998)** IT

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE AND PROCESS FOR REMOTE CONTROL OF TELESCOPES FOR ASTRONOMICAL OBSERVATIONS
• DISPOSITIF ET PROCEDE DE TELECOMMANDE DE TELESCOPES POUR OBSERVATIONS ASTRONOMIQUES

(71, 72) **TOMEI, Luca** [IT/IT]; Podere Poggiolo, 97/A, I–53020 Trequanda (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 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; 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)[6] **H04M 11/00, A63F 9/22**

(11) **WO 00/19696** (13) A1

(21) PCT/IL99/00493

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 126382 **28 Sep/sep 1998 (28.09.1998)** IL

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LOTTERY SYSTEM AND METHOD
• SYSTEME ET PROCEDE DE LOTERIE

(71, 72) **TAMIR, Gary** [IL/IL]; 105/6 Stern Street, 55602 Kiron (IL).

(74) **ZUTA, Mark**; 19 Ben Yehuda Street, 49373 Petah Tikva (IL).

(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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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)[6] **H04M 11/00**

(11) **WO 00/19697** (13) A1

(21) PCT/IL99/00516

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 60/102,321 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A METHOD OF SENDING AND FORWARDING E–MAIL MESSAGES TO A TELEPHONE
• PROCEDE POUR ENVOYER ET RETRANSMETTRE DES MESSAGES ELECTRONIQUES VERS UN TELEPHONE

(71) **VERITAS TECHNOLOGY SOLUTIONS LTD.** [IL/IL]; P.O. Box 6086, 84160 Beer Sheva (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAFRI, Oded** [IL/IL]; Ehud Street 3, 84160 Beer Sheva (IL).

(74) **EITAN, PEARL, LATZER & COHEN–ZEDEK**; Gav Yam Center 2, Shenkar Street 7, 46725 Herzlia (IL).

(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 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; 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)[6] **H04M 11/04, 7/16**

(11) **WO 00/19698** (13) A1

(21) PCT/US99/22764

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,474 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CIRCUIT FOR TRANSMITTING SIGNALS ACROSS A CURRENT LEAKAGE BARRIER AND TELECOMMUNICATIONS EQUIPMENT UTILIZING SAME
• CIRCUIT POUR TRANSMETTRE DES SIGNAUX A TRAVERS UNE BARRIERE DE FUITE DE COURANT ET EQUIPEMENT DE TELECOMMUNICATION UTILISANT CE CIRCUIT

(71) **POLYCOM, INC.** [US/US]; 2584 Junction Avenue, San Jose, CA 95134 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RODMAN, Jeffrey** [US/US]; Polycom, Inc., 2584 Junction Avenue, San Jose, CA 95134 (US). **ANDERSON, Jeffrey** [US/US]; Polycom, Inc., 2584 Junction Avenue, San Jose, CA 95134 (US).

(74) **KATZ, Charles** et al. / etc.; Carr & Ferrell LLP, 2225 East Bayshore Road, Suite 200, Palo Alto, CA 94303 (US).

(81) CA JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **H04M 11/06**

(11) **WO 00/19699** (13) A1

(21) PCT/NL98/00563

(22) **29 Sep/sep 1998 (29.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SUPERPOSITION OF DATA OVER VOICE
• SUPERPOSITION DONNEES/VOIX

(71) **SUN MICROSYSTEMS, INC.** [US/US]; Javasoft DIV. 901 San Antonio Road, MS UPALO1–521, Palo Alto, CA 94303 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DE JONG, Eduard, Karel** [NL/NL]; Maliebaan 4, NL–1097 HS Amsterdam (NL).

(74) **DE BRUIJN, Leendert, C.**; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL–2502 LS The Hague (NL).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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] **H04M 15/00, H04Q 7/22 // 7/38**

(11) **WO 00/19700** (13) A1

(21) PCT/FI99/00796

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 982098 **29 Sep/sep 1998 (29.09.1998)** FI

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • REPORTING CREDIT/CHARGING INFORMATION TO A MOBILE SUBSCRIBER
• COMMUNICATION D'INFORMATIONS CREDIT/DEBIT A UN ABONNE DU SERVICE MOBILE

(71) **NOKIA NETWORKS OY** [FI/FI]; Keilalahdentie 4, FIN–02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LINDEMANN, Klaus** [DK/DK]; Martenses Alle 5 4 th, DK–1828 Frederiksberg C (DK).

(74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FIN–00121 Helsinki (FI).

(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 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; 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)[6] **H04M 15/00, 3/24**

(11) **WO 00/19701** (13) A1

(21) PCT/US98/20599

(22) **30 Sep/sep 1998 (30.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • THREE TIER CLIENT/SERVER MODEL FOR LEGACY SWITCHES
• MODELE CLIENT/SERVEUR EN TROIS PARTIES POUR COMMUTATEURS EXISTANTS

(71) **HARRIS CORPORATION** [US/US]; 1025 West NASA Boulevard, Melbourne, FL 32919 (US).

(72) **BAILIS, Jason**; 40 Bridle Path Lane, Novato, CA 94945 (US).

(74) **ROGERS, L., Lawton, III** et al. / etc.; Rogers & Killeen, Suite 400, 510 King Street, Alexandria, VA 22314 (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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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] **H04M 17/00, 15/18, 3/487**

(11) **WO 00/19702** (13) A2

(21) PCT/FI99/00807

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 982117 **30 Sep/sep 1998 (30.09.1998)** FI

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PREPAID SERVICES IN A COMMUNICATIONS SYSTEM
• SERVICES PREPAYES DANS UN SYSTEME DE COMMUNICATIONS

(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) **AHOLA, Kalevi** [FI/FI]; Kotiniityntie 16, FIN–02400 Kirkkonummi (FI). **TIURI, Markku** [FI/FI]; Elsankuja 2 F 55, FIN–02230 Espoo (FI). **KESKITALO, Pasi** [FI/FI]; Framnäsintie 3 C 16, FIN–02430 Masala (FI).

(74) **BORENIUS & CO OY AB**; Kansakoulukuja 3, FIN–00100 Helsinki (FI).

(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 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; 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] **H04N**

(11) **WO 00/19703** (13) A2

(21) PCT/US99/22250

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/161,355 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • NONLINEAR FLASH ANALOG TO DIGITAL CONVERTER USED IN AN ACTIVE PIXEL SYSTEM
• NUMERISEUR NON LINEAIRE EN TECHNOLOGIE FLASH UTILISE DANS UN SYSTEME A PIXELS ACTIFS

(71) **PHOTOBIT CORPORATION** [US/US]; 7th floor, 135 North Los Robles Avenue, Pasadena, CA 91101 (US).

(72) **FOSSUM, Eric, R.**; 5556 Pinecone Road, La Crescenta, CA 91214 (US). **BARNA, Sandor**; 163 North Morengo Avenue #302, Pasadena, CA 91101 (US). **VAN BLERKOM, Daniel**; 23841 Arroyo Park Drive #810, Valencia, CA 91366 (US).

(74) **HARRIS, Scott, C.**; Fish & Richardson P.C., Suite 1400, 4225 Executive Square, La Jolla, CA 92037 (US).

(81) CN JP; 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] **H04N 1/405, G06T 5/00**

(11) **WO 00/19704** (13) A1

(21) PCT/JP99/05241

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) ja (26) ja

(30) 10/288748 **25 Sep/sep 1998 (25.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IMAGE PROCESSING DEVICE AND METHOD, AND PRINTER
• DISPOSITIF ET PROCEDE DE TRAITEMENT D'IMAGES, ET IMPRIMANTE

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4–1, Nishi–Shinjuku 2–chome, Shinjuku–ku, Tokyo 163–0811 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAKUTANI, Toshiaki** [JP/JP]; Seiko Epson Corporation, 3–5, Owa 3–chome, Suwa–shi, Nagano 392–8502 (JP). **YOSHO, Saburo** [JP/JP]; Seiko Epson Corporation, 3–5, Owa 3–chome, Suwa–shi, Nagano 392–8502 (JP).

(74) **IGARASHI, Takao** et al. / etc.; Chuo Fushimi Building 3F, 3–2, Nishiki 1–chome, Naka–ku, Nagoya–shi, Aichi 460–0003 (JP).

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

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(51)[6] **H04N 3/15, G01S 17/08, H04N 5/217**

(11) **WO 00/19705** (13) A1

(21) PCT/IL98/00476

(22) **28 Sep/sep 1998 (28.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DISTANCE MEASUREMENT WITH A CAMERA
• MESURE DE DISTANCES A L'AIDE D'UNE CAMERA

(71) **3DV SYSTEMS, LTD.** [IL/IL]; P.O. Box 249, 20692 Yokneam (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IDDAN, Gavriel, J.** [IL/IL]; Einstein Street 44A, 34620 Haifa (IL). **YAHAV, Giora** [IL/IL]; Beiliss Street 11, 34814 Haifa (IL). **BRAUN, Ori, J.** [IL/IL]; Boyer Street 12/7, 69127 Tel Aviv (IL).

(74) **FENSTER, Paul** et al. / etc.; Fenster & Company Patent Attorneys, Ltd., P.O. Box 10256, 49002 Petach Tikva (IL).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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 3/15**

(11) **WO 00/19706** (13) A1

(21) PCT/US99/22562

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/164,923 **1 Oct/oct 1998 (01.10.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LOW–NOISE ACTIVE–PIXEL SENSOR FOR IMAGING ARRAYS WITH HIGH SPEED ROW RESET
• DETECTEUR DE PIXELS ACTIFS A FAIBLE BRUIT POUR MATRICE D'IMAGERIE AVEC REINITIALISATION DE RANGEE ULTRA–RAPIDE

(71) **CONEXANT SYSTEMS, INC.** [US/US]; Joseph King, 4311 Jamboree Road, Newport Beach, CA 92660–3095 (US).

(72) **KOZLOWSKI, Lester, J.**; 212 Golden Fern Court, Simi Valley, CA 93065 (US). **STANDLEY, David, L.**; 563 Hampshire Road, No. 165–G, Westlake Village, CA 91361 (US).

(74) **GESS, Albin, H.**; Price, Gess & Ubell, 2100 S.E. Main Street, Suite 250, Irvine, CA 92614 (US).

(81) CA JP; 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] **H04N 3/20, 5/63**

(11) **WO 00/19707** (13) A1

(21) PCT/US99/22660

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,213 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • VIDEO DISPLAY PROTECTION CIRCUIT
• CIRCUIT SERVANT A PROTEGER UN AFFICHAGE VIDEO

(71) **THOMSON CONSUMER ELECTRONICS, INC.** [US/US]; 10330 North Meridian Street, Indianapolis, IN 46290–1024 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JACKSON, David, Ross** [US/US]; 4422 Abby Creek Lane, Indianapolis, IN 46205 (US). **GRIEPENTROG, Dal, Frank**

[US/US]; 5204 N. Mosswood Court, Indianapolis, IN 46254 (US).

(74) **TRIPOLI, Joseph, S.** et al. / etc.; Thomson Multimedia Licensing Incorporated, P.O. Box 5312, Princeton, NJ 08543 (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 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; 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] **H04N 5/00, 7/52, 7/24**

(11) **WO 00/19708** (13) A2

(21) PCT/IB99/01637

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 98402375.4 **25 Sep/sep 1998 (25.09.1998)** EP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • APPLICATION DATA TABLE FOR A MULTISERVICE DIGITAL TRANSMISSION SYSTEM
• TABLE DE DONNEES D'APPLICATION POUR UN SYSTEME DE TRANSMISSION NUMERIQUE MULTISERVICE

(71) **CANAL+ SOCIETE ANONYME** [FR/FR]; 85/89, quai André Citroën, F–75711 Paris Cedex 15 (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **REY, François** [FR/FR]; 10, avenue du Professeur Calmette, F–92130 Issy–les–Moulineaux (FR). **FURET, Thierry** [FR/FR]; 63, avenue du Général Leclerc, F–78120 Rambouillet (FR). **POULAIN, Philippe** [FR/FR]; 23 rue Alain Chartier, F–75015 Paris (FR).

(74) **COZENS, Paul, Dennis** et al. / etc.; Mathys & Squire, 100 Gray's Inn Road, London WC1X 8AL (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 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; 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] **H04N 5/14, 17/04**

(11) **WO 00/19709** (13) A1

(21) PCT/US99/22759

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,429 **30 Sep/sep 1998 (30.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • VIDEO AMPLIFIER WITH INTEGRATED DC LEVEL SHIFTING
• AMPLIFICATEUR VIDEO AVEC DEPLACEMENT INTEGRE DE L'INTENSITE DU C.C.

(71) **THOMSON CONSUMER ELECTRONICS, INC.** [US/US]; 10330 North Meridian Street, Indianapolis, IN 46290–1024 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HUTCHINSON, Daniel, Mark** [US/US]; 13790 Laredo Drive, Carmel, IN 46032 (US).

(74) **TRIPOLI, Joseph, S.** et al. / etc.; Thomson Multimedia Licensing Incorporated, P.O. Box 5312, Princeton, NJ 08543 (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 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; 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)[6] **H04N 5/217, 3/15**

(11) **WO 00/19710** (13) A1

(21) PCT/AU99/00824

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/161,445 **25 Sep/sep 1998 (25.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CCD READOUT METHOD
• PROCEDE D'AFFICHAGE UTILISANT DES DISPOSITIFS A COUPLAGE DE CHARGE

(71) **UNISEARCH LIMITED** [AU/AU]; 76 Wentworth Street, Randwick, NSW 2031 (AU).

(72) **ASHLEY, Michael, C., B.**; Department of Astrophysics, University of New South Wales, Sydney, NSW 2052 (AU).

(74) **F B RICE & CO**; 605 Darling Street, Balmain, NSW 2041 (AU).

(81) AU JP KR; 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] **H04N 5/217**

(11) **WO 00/19711** (13) A1

(21) PCT/DE99/02991

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) de (26) de

(30) 198 45 067.2 **30 Sep/sep 1998 (30.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND DEVICE FOR THE EXPOSURE–DEPENDENT NOISE CORRECTION IN IMAGE SENSORS WHICH CAN BE ADDRESSED IN LINES AND COLUMNS
• PROCEDE ET DISPOSITIF POUR LA CORRECTION DU BRUIT EN FONCTION DE L'EXPOSITION A LA LUMIERE DANS DES CAPTEURS D'IMAGES ADRESSABLES PAR LIGNES ET COLONNES

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOREN, Ivo** [CZ/DE]; Birkenau 18, D–81543 München (DE). **GEIB, Heribert** [DE/DE]; Kranzhornstrasse 9B, D–85567 Grafing (DE). **RAMACHER, Ulrich** [DE/DE]; Autharistrasse 50, D–81545 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) JP KR US; 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] **H04N 5/217**

(11) **WO 00/19712** (13) A1

(21) PCT/DE99/02992

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) de (26) de

(30) 198 45 002.8 **30 Sep/sep 1998 (30.09.1998)** DE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND DEVICE FOR CORRECTING DEFECTIVE PIXELS OF AN IMAGE SENSOR
• PROCEDE ET DISPOSITIF POUR LA CORRECTION DE POINTS D'IMAGE DEFECTUEUX D'UN CAPTEUR D'IMAGES

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOREN, Ivo** [CZ/DE]; Birkenau 18, D–81543 München (DE). **GEIB, Heribert** [DE/DE]; Kranzhornstr. 9 B, D–85567 Grafing (DE). **RAMACHER, Ulrich** [DE/DE]; Autharistr. 50, D–81545 München (DE). **KIRMSER, Stephane** [FR/DE]; Schleissheimerstr. 14, D–80333 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) JP KR US; 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] **H04N 5/44**

(11) **WO 00/19713** (13) A1

(21) PCT/DE99/02938

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) de (26) de

(30) 198 44 937.2 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CIRCUIT FOR TRANSFORMING AN IMAGE RATE
• CIRCUIT PERMETTANT DE TRANSFORMER UN DEBIT BINAIRE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHEFFLER, Günter** [DE/DE]; Carl–Orff–Bogen 83, D–80939 München (DE). **SCHU, Markus** [DE/DE]; Rennweg 25, D–85435 Erding (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CN JP KR US; 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] **H04N 5/45, 9/64**

(11) **WO 00/19714** (13) A1

(21) PCT/DE99/02917

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) de (26) de

(30) 198 44 940.2 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CIRCUIT SYSTEM FOR IMAGE–IN–IMAGE REPRESENTATION
• CIRCUITERIE DESTINEE A UNE REPRESENTATION IMAGE–EN–IMAGE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NIE, Xiaoning** [DE/DE]; Luitpoldring 41, D–85591 Vaterstetten (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CN JP KR US; 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] **H04N 5/45, G06T 3/40**

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(21) PCT/DE99/03010

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) de (26) de

(30) 198 44 404.4 **28 Sep/sep 1998** DE **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR MODIFYING THE IMAGE SIZE OF VIDEO IMAGES
• PROCEDE DE MODIFICATION DE LA GRANDEUR D'IMAGES VIDEO

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRETT, Maik** [DE/DE]; Schlesierweg 3, D–65719 Hofheim A. Ts (DE). **NIE, Xiaoning** [DE/DE]; Luitpoldring 41, D–85591 Vaterstetten (DE). **WENDEL, Dirk** [DE/DE]; Adejeweg 12, D–82008 Unterhaching (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **H04N 5/45, 7/10, H04H 1/02**

(11) **WO 00/19716** (13) A1

(21) PCT/US99/21537

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) 09/166,134 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND APPARATUS FOR DISPLAYING VIDEO DATA AND CORRESPONDING ENTERTAINMENT DATA FOR MULTIPLE ENTERTAINMENT SELECTION SOURCES
• PROCEDE ET APPAREIL POUR AFFICHER DES DONNEES VIDEO ET LES DONNEES DE DIVERTISSEMENT CORRESPONDANTES POUR PLUSIEURS SOURCES DE PRODUITS DE DIVERTISSEMENT$I()

(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) **IKI, Jean, M., Goldschmidt** [US/US]; 475 Milan Drive #107, San Jose, CA 95134 (US). **WILLIAMS, Christopher, D.** [GB/US]; 687 Pau Hana Drive, Soquel, CA 95073 (US). **SHAH–NAZAROFF, Anthony, A.** [US/US]; 779 Hilmar Street, Santa Clara, CA 95050 (US). **HACKSON, David, N.** [US/US]; 1533 Ashcroft Way, Sunnyvale, CA 94087 (US).

(74) **MILLIKEN, Darren, J.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (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 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; 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] **H04N 5/52, 17/04, 5/44**

(11) **WO 00/19717** (13) A1

(21) PCT/US99/22760

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 60/102,429 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • APPARATUS FOR PROVIDING TELEVISION RECEIVER ALIGNMENT FUNCTIONS
• APPAREIL DESTINE A ASSURER LES FONCTIONS D'ALIGNEMENT DANS UN POSTE DE TELEVISION

(71) **THOMSON CONSUMER ELECTRONICS, INC.** [US/US]; 10330 North Meridian Street, Indianapolis, IN 46290–1024 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HUTCHINSON, Daniel, Mark** [US/US]; 13790 Laredo Drive, Carmel, IN 46032 (US).

(74) **TRIPOLI, Joseph, S.** et al. / etc.; Thomson Multimedia Licensing Incorporated, P.O. Box 5312, Princeton, NJ 08543 (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 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; 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] **H04N 5/91, 7/01**

(11) **WO 00/19718** (13) A1

(21) PCT/JP99/05247

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) ja (26) ja

(30) 10/274055 **28 Sep/sep 1998** JP **(28.09.1998)**

(30) 10/361407 **18 Dec/déc 1998** JP **(18.12.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DATA PROCESSING METHOD, DATA PROCESSOR, AND PROGRAM RECORDED MEDIUM
• PROCEDE DE TRAITEMENT DE DONNEES, PROCESSEUR DE DONNEES ET SUPPORT D'ENREGISTREMENT DE PROGRAMMES

(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) **ONO, Tadashi** [JP/JP]; 3–6–9, Kasumizaka, Kyotanabe–shi, Kyoto 610–0352 (JP). **JURI, Tatsuro** [JP/JP]; 1–5–8–2804, Tomobuchi–cho, Miyakojima–ku, Osaka–shi, Osaka 534–0016 (JP).

(74) **MATSUDA, Masamichi**; Shin–osaka Ikushima Building, 1–3, Miyahara 5–chome, Yodogawa–ku, Osaka–shi, Osaka 532–0003 (JP).

(81) CN US; 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] **H04N 7/035**

(11) **WO 00/19719** (13) A1

(21) PCT/DE99/02886

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) de (26) de

(30) 198 44 700.0 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MULTISTANDARD CLOCK RECOVERY CIRCUIT
• CIRCUIT MULTISTANDARD D'EXTRACTION DU SIGNAL D'HORLOGE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ENGLERT, Ulrich** [DE/DE]; Balanstr. 330, D–81549 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CN JP KR US; 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] **H04N 7/088, 7/16, 5/44**

(11) **WO 00/19720** (13) A1

(21) PCT/DE99/02953

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) de (26) de

(30) 198 44 403.6 **28 Sep/sep 1998** DE **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR RECEIVING AND PRESENTING TELEVISION BROADCASTS WITH BROADCAST–TYPE INDICATORS
• PROCEDE PERMETTANT DE RECEVOIR ET DE PRESENTER DES EMISSIONS DE TELEVISION AVEC IDENTIFICATEURS DE TYPES D'EMISSION

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRETT, Maik** [DE/DE]; Schlesierweg 3, D–65719 Hofheim a. Ts (DE). **WENDEL, Dirk** [DE/DE]; Adejeweg 12, D–82008 Unterhaching (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CN JP KR US; 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] **H04N 7/088, 5/445**

(11) **WO 00/19721** (13) A1

(21) PCT/DE99/03036

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) de (26) de

(30) 198 44 697.7 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND DEVICE FOR SELECTING AND STORING PREFERRED TELETEXT NUMBERS
• PROCEDE ET DISPOSITIF POUR SELECTIONNER ET MEMORISER DES NUMEROS PREFERENTIELS DE PAGES DE TELETEXTE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HÖCK, Günter** [DE/DE]; Bachstrasse 43 A, D–83673 Bichl (DE). **SCHWARZ, Ronald** [DE/DE]; Grünwalder Strasse 101, D–81547 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **H04N 7/14, 7/13, H04J 3/16**

(11) **WO 00/19722** (13) A1

(21) PCT/US99/22907

(22) **1 Oct/oct 1999 (01.10.1999)**

(25) en (26) en

(30) 09/164,660 **1 Oct/oct 1998** US **(01.10.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND COMPUTER PROGRAM FOR OPERATING AN INTERACTIVE THEMED ATTRACTION ACCESSIBLE BY COMPUTER USERS
• PROCEDE ET PROGRAMME INFORMATIQUE PERMETTANT D'ACTIONNER UNE ATTRACTION INTERACTIVE A THEME, ACCESSIBLE PAR DES UTILISATEURS D'ORDINATEURS

(71) **FULL MOON PRODUCTIONS, INC.** [US/US]; 1401 West 13th Street, Kansas City, MO 64102 (US).

(72) **SUMMERS, Monty**; 1308 N.E. Piedemont, Lee's Summit, MO 64064 (US).

(74) **LUEBBERING, Thomas, B.**; Hovey, Williams, Timmons & Collins, Suite 400, 2405 Grand Boulevard, Kansas City, MO 64108 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN 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 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; 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] **H04N 7/26, 7/01**

(11) **WO 00/19723** (13) A1

(21) PCT/EP99/06697

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 98402394.5 **29 Sep/sep 1998** EP **(29.09.1998)**

(30) 98402728.4 **30 Oct/oct 1998** EP **(30.10.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CONVERSION OF CODED VIDEO DATA
• CONVERSION DE DONNEES VIDEO CODEES

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

(72) **BAILLEUL, Nicolas**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **DEN BRABER, Gerard, P.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(81) CN JP KR; 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] **H04N 7/32, 1/387, G06T 1/00**

(11) **WO 00/19724** (13) A1

(21) PCT/JP99/05384

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) ja (26) ja

(30) 10/278593 **30 Sep/sep 1998 (30.09.1998)** JP

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ARITHMETIC DEVICE, CONVERTER, AND THEIR METHODS
• DISPOSITIF ARITHMETIQUE, CONVERTISSEUR ET PROCEDES Y RELATIFS

(71) **SONY CORPORATION** [JP/JP]; 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141–0001 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KONDO, Tetsujiro** [JP/JP]; Sony Corporation, 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141–0001 (JP). **HORISHI, Takashi** [JP/JP]; Sony Corporation, 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141–0001 (JP).

(74) **TANABE, Shigemoto**; Green–Fantasia Building, 5th floor, 11–11–508, Jingumae 1–chome, Shibuya–ku, Tokyo 150–0001 (JP).

(81) JP KR US; EP (DE FR GB).

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(51)[7] **H04N 7/36**

(11) **WO 00/19725** (13) A1

(21) PCT/US99/22635

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 60/102,214 **29 Sep/sep 1998 (29.09.1998)** US

(30) 60/121,531 **25 Feb/fév 1999 (25.02.1999)** US

(30) 09/388,701 **2 Sep/sep 1999 (02.09.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • BLOCK MOTION VIDEO CODING AND DECODING
• CODAGE ET DECODAGE D'IMAGES VIDEO EN BLOCS

(71) **SARNOFF CORPORATION** [US/US]; 201 Washington Road, CN 5300, Princeton, NJ 08543 (US).

(72) **HURST, Robert, N.**; 68 Hart Avenue, Hopewell, NJ 08525 (US).

(74) **BURKE, William, J.** et al. / etc.; Sarnoff Corporation, 201 Washington Road, CN5300, Princeton, NJ 08543 (US).

(81) CN IN JP KR; 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] **H04N 7/50, 7/26**

(11) **WO 00/19726** (13) A1

(21) PCT/US99/19804

(22) **27 Aug/août 1999 (27.08.1999)**

(25) en (26) en

(30) 60/102,234 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND APPARATUS FOR DETECTING SCENE CHANGES AND ADJUSTING PICTURE CODING TYPE IN A HIGH DEFINITION TELEVISION ENCODER
• TECHNIQUE ET DISPOSITIF PERMETTANT DE DETECTER DES MODIFICATIONS SCENIQUES ET D'ADAPTER LE TYPE DE CODAGE D'IMAGE DANS UN CODEUR DE TELEVISION HAUTE DEFINITION

(71) **GENERAL INSTRUMENT CORPORATION** [US/US]; 101 Tournament Drive, Horsham, PA 19044 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WU, Siu–Wai** [CN/US]; 12655 Fairbrook Road, San Diego, CA 92131 (US).

(74) **LIPSITZ, Barry, R.**; Building No. 8, 755 Main Street, Monroe, CT 06468 (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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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)[6] **H04N 9/64, 9/72**

(11) **WO 00/19727** (13) A1

(21) PCT/SG98/00076

(22) **25 Sep/sep 1998 (25.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A DIGITAL CUT–OFF CONTROL LOOP FOR TV USING SPEEDING AND BLANKING CIRCUITS
• BOUCLE DE COMMANDE DE COUPURE NUMERIQUE POUR TELEVISION UTILISANT DES CIRCUITS D'ACCELERATION ET DE SUPPRESSION

(71) **STMICROELECTRONICS ASIA PACIFIC PTE LTD** [SG/SG]; 28 Ang Mo Kio Industrial Park 2, Singapore 569508 (SG). **STMICROELECTRONICS S.A.** [FR/FR]; 7, avenue Gallieni, F–94253 Gentilly Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DESPREZ–LE GOARANT, Yann** [FR/SG]; 28 Ang Mo Kio Industrial Park 2, Singapore 569508 (SG). **JAFFARD, Jean–Luc** [FR/SG]; 4 bis, rue du Cotaire, F–38120 Saint Egrève (FR). **MICHON, Christian** [FR/FR]; 28 Ang Mo Kio Industrial Park 2, Singapore 569508 (SG).

(74) **DONALDSON & BURKINSHAW**; P.O. Box 3667, Singapore 905667 (SG).

(81) JP SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **H04N 9/74**

(11) **WO 00/19728** (13) A1

(21) PCT/US99/21538

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) 09/163,022 **29 Sep/sep 1998 (29.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A NEW SCALING ALGORITHM FOR EFFICIENT COLOR REPRESENTATION/RECOVERY IN VIDEO
• NOUVEL ALGORITHME DE MISE A L'ECHELLE POUR UNE REPRESENTATION/UN RENDU EFFICACES EN VIDEO

(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) **ACHARYA, Tinku** [IN/US]; 7292 South Roberts Road, Tempe, AZ 85283 (US). **METZ, Werner** [US/US]; 4854 W. Buffalo Street, Chandler, AZ 98226 (US).

(74) **MILLIKEN, Darren, J.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (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 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; 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] **H04N 13/04**

(11) **WO 00/19729** (13) A1

(21) PCT/US99/22348

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 60/101,990 **28 Sep/sep 1998 (28.09.1998)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND APPARATUS FOR DISPLAYING THREE–DIMENSIONAL IMAGES
• PROCEDE ET APPAREIL D'AFFICHAGE D'IMAGES TRIDIMENSIONNELLES

(71) **ROSE RESEARCH, L.L.C.** [US/US]; Suite 181, LB 24, 14850 Montfort Road, Dallas, TX 75240 (US).

(72) **GENOE, Jan**; Testelsebaan 88, B–3272 Messelbroek (BE).

(74) **SLATER, Steven, H.** et al. / etc.; Slater & Matsil, L.L.P., Suite 300, 15150 Preston Road, Dallas, TX 75248 (US).

(81) AU CA JP KR; 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) **WO 00/19730** (13) A2

(21) PCT/KR99/00578

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 1998/40408 **25 Sep/sep 1998** KR **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE AND METHOD FOR GENERATING QUASI–ORTHOGONAL CODE AND SPREADING CHANNEL SIGNALS IN MOBILE COMMUNICATION SYSTEM
• DISPOSITIF POUR GENERER DES SIGNAUX DE CODES QUASI–ORTHOGONAUX ET POUR ETALER DES SIGNAUX DE VOIE DANS UN SYSTEME DE COMMUNICATION MOBILE

(71) **SAMSUNG ELECTRONICS CO., LTD.** [KR/KR]; 416, Maetan–dong, Paldal–gu, Suwon–shi, Kyungki–do 442–370 (KR).

(72) **YANG, Kyeong–Cheol**; 50, Youido–dong, Yongdungpo–gu, Seoul 150–010 (KR). **KIM, Jae–Yoel**; Backdu Apt. #960–1401 Sanpon 2–dong, Sanpon 9–danji, Kunpo–shi, Kyonggi–do 435–042 (KR). **KANG, Hee–Won**; 1499, Myonmok 7–dong, Chungnang–gu, Seoul 131–207 (KR). **KIM, Young–Ky**; Seonkyung Apt., #12–1401, Taechi–dong, Kangnam–gu, Seoul 135–280 (KR).

(74) **LEE, Keon–Joo**; Mihwa Bldg., 110–2, Myongryun–dong 4–ga, Chongro–gu, Seoul 110–524 (KR).

(81) AU BR CA CN RU; 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) **WO 00/19731** (13) A2

(21) PCT/KR99/00582

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) en (26) en

(30) 1998–40165 **26 Sep/sep 1998** KR **(26.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE AND METHOD FOR IMPLEMENTING HANDOFF IN MOBILE COMMUNICATION SYSTEM
• DISPOSITIF ET PROCEDE D'EXECUTION D'UN TRANSFERT DANS UN SYSTEME DE TELECOMMUNICATION MOBILE

(71) **SAMSUNG ELECTRONICS CO., LTD.** [KR/KR]; 416, Maetan–dong, Paldal–gu, Suwon–shi, Kyungki–do 442–370 (KR).

(72) **PARK, Su–Won**; 1662–9, Shillim 8–dong, Kwanak–gu, Seoul 151–018 (KR). **YOON, Soon–Young**; 165, Karak–dong, Songpa–gu, Seoul 138–160 (KR). **CHOI, Ho–Kyu**; 5602, Chamwon–dong, Socho–gu, Seoul 137–030 (KR).

(74) **LEE, Keon–Joo**; Mihwa Building ,, 110–2, Myongryun–dong 4–ga, Chongro–gu, Seoul 110–524 (KR).

(81) AU BR CA CN RU; 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) **WO 00/19732** (13) A2

(21) PCT/KR99/00590

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 1998/40507 **29 Sep/sep 1998** KR **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE AND METHOD FOR GENERATING SPREADING CODE AND SPREADING CHANNEL SIGNALS USING SPREADING CODE IN CDMA COMMUNICATION SYSTEM
• DISPOSITIF ET PROCEDE POUR GENERER DES SIGNAUX DE CODES D'ETALEMENT ET DE CANAUX D'ETALEMENT A L'AIDE D'UN CODE D'ETALEMENT DANS UN SYSTEME DE COMMUNICATION AMRC

(71) **SAMSUNG ELECTRONICS CO., LTD.** [KR/KR]; 416, Maetan–dong, Paldal–gu, Suwon–shi, Kyungki–do 442–370 (KR).

(72) **KIM, Je–Woo**; Grandbill #405–304, Kumi–dong, Puntang–gu Songnam–shi, Kyonggi–do 463–500 (KR). **WOO, Jung–Hyo**; 113–11, Chilsan–dong, Tongnae–gu, Pusankwangyok–shi 607–030 (KR). **PARK, Chang–Soo**; 72–2, Munjong–dong, Songpa–gu, Seoul 138–200 (KR). **AHN, Jae–Min**; Puleun Samho Apartment #109–303 Irwonpon–dong, Kangnam–gu, Seoul 135–239 (KR).

(74) **LEE, Keon–Joo**; Mihwa Building, 110–2, Myongryun–dong 4–ga, Chongro–gu, Seoul 110–524 (KR).

(81) AU BR CA CN RU; 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) **WO 00/19733** (13) A2

(21) PCT/US98/20428

(22) **30 Sep/sep 1998 (30.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND APPARATUS FOR A UNIT LOCKED AGAINST USE UNTIL UNLOCKED AND/OR ACTIVATED ON A SELECTED NETWORK
• PROCEDE ET APPAREIL CONCERNANT UNE UNITE VERROUILLEE CONTRE L'UTILISATION JUSQU'A CE QU'ELLE SOIT DEVERROUILLEE ET/OU ACTIVEE SUR UN RESEAU CHOISI

(71) **BELLSOUTH INTELLECTUAL PROPERTY CORPORATION** [US/US]; Suite 501, 824 Market Street, Wilmington, DE 19801 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LINK, Charles, M., II** [US/US]; 465 Abbeywood Drive, Roswell, GA 30075 (US). **BATSON, Donald, Lee, Jr.** [US/US]; 280 River Valley Road, Atlanta, GA 30328 (US).

(74) **PRATT, John, S.** et al. / etc.; Kilpatrick Stockton LLP, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309–4530 (US).

(81) AU CA US.

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(51)[7] **H04Q**

(11) **WO 00/19734** (13) A2

(21) PCT/US99/21539

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) 09/165,006 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A THERMAL CONNECTOR FOR JOINING MOBILE ELECTRONIC DEVICES TO DOCKING STATIONS
• CONNECTEUR THERMIQUE POUR RACCORDER DES DISPOSITIFS ELECTRONIQUES MOBILES A DES STATIONS D'ACCUEIL

(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) **O'CONNOR, Michael** [US/US]; 11127 Palos Verdes Drive, Cupertino, CA 95014 (US). **HALEY, Kevin, J.** [US/US]; 7197 Silver Lode Lane, San Jose, CA 95120 (US).

(74) **MILLIKEN, Darren, J.** et al. / etc.; Blakeley, Sokoloff, Taylor & Zafman, LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (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 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; 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 3/00**

(11) **WO 00/19735** (13) A1

(21) PCT/CA99/00873

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/101,857 **25 Sep/sep 1998** US **(25.09.1998)**

(30) 2,264,407 **4 Mar/mar 1999** CA **(04.03.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TELECOMMUNICATION SERVICES
• SERVICES DE TELECOMMUNICATIONS

(71) **WIRELESS SYSTEM TECHNOLOGIES, INC.** [CA/CA]; Suite 601, 205 Richmond Street West, Toronto, Ontario M5V 1V3 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SNELGROVE, William, Martin** [CA/CA]; Apartment #603, 90 Sherbourne Street, Toronto, Ontario M5A 2R1 (CA). **STUMM, Michael** [CA/CA]; 3 Belvale Avenue, Toronto, Ontario M8X 2A6 (CA). **DE SIMONE, Mauricio** [CA/CA]; Apartment 702, 10 Queen's Quay West, Toronto, Ontario M5J 2R9 (CA). **PREISS, Bruno, P.** [CA/CA]; 53 Thornbush Cres., Waterloo, Ontario N2T 1A9 (CA).

(74) **O'NEILL, T., Gary** et al. / etc.; Gowling, Strathy & Henderson, Suite 2600, 160 Elgin Street, Ottawa, Ontario K1P 1C3 (CA).

(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 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; 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 3/00**

(11) **WO 00/19736** (13) A1

(21) PCT/CA99/00874

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/101,857 **25 Sep/sep 1998** US **(25.09.1998)**

(30) 2,264,407 **4 Mar/mar 1999** CA **(04.03.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • OPERATING SYSTEM FOR TELECOMMUNICATIONS
• SYSTEME D'EXPLOITATION POUR COMMUNICATIONS

(71) **WIRELESS SYSTEM TECHNOLOGIES, INC.** [CA/CA]; Suite 601, 205 Richmond Street West, Toronto, Ontario M5V 1V3 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SNELGROVE, William, Martin** [CA/CA]; Apartment #603, 90 Sherbourne Street, Toronto, Ontario M5A 2R1 (CA). **STUMM, Michael** [CA/CA]; 3 Belvale Avenue, Toronto, Ontario M8X 2A6 (CA). **DE SIMONE, Mauricio** [CA/CA]; Apartment 702, 10 Queen's Quay West, Toronto, Ontario M5J 2R9 (CA).

(74) **O'NEILL, T., Gary** et al. / etc.; Gowling, Strathy & Henderson, Suite 2600, 160 Elgin Street, Ottawa, Ontario K1P 1C3 (CA).

(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 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; 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 3/00**

(11) **WO 00/19737** (13) A2

(21) PCT/DE99/02982

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) de (26) de

(30) 198 45 109.1 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR EVALUATING A PRESENTATION LAYER DATA UNIT
• PROCEDE D'EVALUATION D'UNE UNITE DE DONNEES D'UNE COUCHE PRESENTATION

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHILD, Bernhard** [DE/DE]; Passauerstrasse 56, D–81369 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) BR CN ID US; 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 3/00, H04L 12/24**

(11) **WO 00/19738** (13) A1

(21) PCT/EP99/06662

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) de (26) de

(30) 98118505.1 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR ACCESSING DATA IN NETWORK ELEMENTS
• PROCEDE D'ACCES A DES DONNEES DANS DES ELEMENTS DE RESEAU

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DÖRR, Franz** [AT/AT]; Jubiläumsstrasse 23, A–3493 Hadersdorf (AT).

(81) BR CN US.

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(51)[7] **H04Q 3/00**

(11) **WO 00/19739** (13) A1

(21) PCT/EP99/07067

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 982074 **25 Sep/sep 1998** FI **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SIGNALLING IN A TELECOMMUNICATIONS SYSTEM
• SIGNALISATION DANS UN SYSTEME DE TELECOMMUNICATION

(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) **GARCIA–MARTIN, Miguel–Angel** [ES/ES]; Pase Esperanza 8, esc. 3, 7–B, E–28005 Madrid (ES). **GARCIA GONZALES, Juan, Maria** [ES/ES]; Banos de Montemayor 6, 1 B, E–28005 Madrid (ES).

(74) **BORENIUS & CO OY AB**; Kansakoulukuja 3, FIN–00100 Helsinki (FI).

(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 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; 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 3/66, 3/62**

(11) **WO 00/19740** (13) A1

(21) PCT/DE99/03137

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) de (26) de

(30) 198 45 036.2 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR ESTABLISHING A TELEPHONE CONNECTION BETWEEN TWO TELEPHONE NETS USING A CENTRAL CONTROL UNIT
• PROCEDE DE COMMUTATION DE CONVERSATIONS TELEPHONIQUES ENTRE DEUX RESEAUX TELEPHONIQUES AU MOYEN D'UN ORGANE DE COMMANDE CENTRAL

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STEINBACH, Holger** [DE/DE]; Ostallee 63, D–33106 Paderborn (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CN US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **H04Q 7/00**

(11) **WO 00/19741** (13) A1

(21) PCT/US99/19215

(22) **24 Aug/août 1999 (24.08.1999)**

(25) en (26) en

(30) 09/163,969 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR IMPROVING PERFORMANCE IN A COMMUNICATION SYSTEM
• PROCEDE D'AMELIORATION DES PERFORMANCES D'UN SYSTEME DE COMMUNICATION

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

(72) **PREGONT, Gary, John**; 35W730 Old Barn Road, Dundee, IL 60118–9200 (US). **BONTA, Jeffrey, D.**; 130 E. Mayfair, Arlington Heights, IL 60004 (US).

(74) **MACINTYRE, John, B.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, Il 60196 (US).

(81) ; 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 7/00**

(11) **WO 00/19742** (13) A2

(21) PCT/US99/23002

(22) **1 Oct/oct 1999 (01.10.1999)**

(25) en (26) en

(30) 09/164,554 **1 Oct/oct 1998** US **(01.10.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND APPARATUS FOR PROVIDING OVERLAY TO SUPPORT POST–SECOND GENERATION CELLULAR SERVICES
• PROCEDE ET APPAREIL PRODUISANT UNE SURCOUCHE DESTINEE A ASSURER DES SERVICES CELLULAIRES DE POST DEUXIEME GENERATION

(71, 72) **LE, Khiem** [US/US]; 607 St–Andrews Place, Coppell, TX 75019 (US). **HSU, Liangchi, Alan** [–/US]; 2614 Tillman Drive, Arlington, TX 76006 (US). **LANSISALMI, Atte** [FI/FI]; Otakallio 4 A 10, FIN–02150 Espoo (FI).

(74) **LYNCH, David, W.**; Altera Law Group, 10749 Bren Road East, Minneapolis, MN 55343 (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; 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)[6] **H04Q 7/20**

(11) **WO 00/19743** (13) A1

(21) PCT/US99/21998

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 09/160,305 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MOBILE TELEPHONE LOCATION–BASED DIRECTORY SYSTEM
• SYSTEME DE RENSEIGNEMENTS TELEPHONIQUES BASE SUR L'EMPLACEMENT D'UN TELEPHONE MOBILE

(71) **CALL TECHNOLOGIES, INC.** [US/US]; 11490 Commerce Park Drive, Reston, VA 20191 (US).

(72) **HELLMAN, Glen**; 7412 Brickyard Road, Potomac, MD 20854 (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) CA CN JP MX.

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(51)[6] **H04Q 7/20**

(11) **WO 00/19744** (13) A1

(21) PCT/US99/22351

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/162,891 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • EMERGENCY TELEPHONE SYSTEM RING SUPPRESSOR APPARATUS AND METHOD
• APPAREIL ET PROCEDE DE SUPPRESSION DE LA SONNERIE D'UN SYSTEME TELEPHONIQUE DE SECURITE

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

(72) **CARLISLE, Andrew, Guy**; Apartment 1, 23 Judity Lane, Waltham, MA 02452 (US).

(74) **KING, John, J.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

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

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(51)[6] **H04Q 7/20**

(11) **WO 00/19745** (13) A1

(21) PCT/US99/22648

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/163,972 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AVOIDING INTERFERENCE FROM A POTENTIALLY INTERFERING TRANSMITTER IN A WIRELESS COMMUNICATION SYSTEM

• EQUIPEMENT PERMETTANT D'EVITER LES BROUILLAGES D'UN EMETTEUR POTENTIELLEMENT PARASITE DANS UN SYSTEME DE COMMUNICATION HERTZIEN

(71) **CONEXANT SYSTEMS, INC.** [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660–3095 (US).

(72) **Eidson, Donald, B.**; 7150 Shoreline Dr., #3201, San Diego, CA 92122 (US). **FLORES, William, R.**; 308 Ocean View Dr., San Marcos, CA 92069 (US).

(74) **ROURK, Christopher, J.**; Akin, Gump, Strauss, Hauer & Feld, LLP, Suite 4100, 1700 Pacific Avenue, Dallas, TX 74201 (US).

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

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(51)[6] **H04Q 7/20**

(11) **WO 00/19746** (13) A1

(21) PCT/US99/22978

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 09/163,606 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SYSTEM AND METHOD FOR ENCIPHERING AND COMMUNICATING VEHICLE TRACKING INFORMATION
• SYSTEME ET PROCEDE DE CHIFFRAGE ET DE TRANSMISSION D'INFORMATIONS DE POURSUITE DE VEHICULE

(71) **GLOBAL RESEARCH SYSTEMS, INC.** [US/US]; 886 Horseleg Creek Road, S.W., Rome, GA 30165 (US).

(72) **JONES, Martin, Kelly**; 2417 Third Street, Dalton, GA 30720 (US). **HICKS, David**; 2600 Spencers Trace, N.E., Marietta, GA 30062 (US).

(74) **HOLLAND, Jon, E.**; Thomas, Kayden, Horstemyer & Risley LLP, 100 Galleria Parkway, Suite 1500, Atlanta, GA 30339 (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 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; 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 7/22, 7/32**

(11) **WO 00/19747** (13) A1

(21) PCT/DE99/01991

(22) **1 Jul/juil 1999 (01.07.1999)**

(25) de (26) de

(30) 198 43 884.2 **24 Sep/sep 1998** DE **(24.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MOBILE TELEPHONE TERMINAL AND MOBILE UNIT
• TERMINAL TELEPHONIQUE MOBILE ET UNITE MOBILE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
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(72, 75) **PRANGE, Stefan** [DE/DE]; Forstenrieder Allee 134, D–81476 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CN US; 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 7/22, G07F 5/18, G06F 17/60, G08B 25/10**

(11) **WO 00/19748** (13) A1

(21) PCT/ES99/00302

(22) **27 Sep/sep 1999 (27.09.1999)**

(25) es (26) es

(30) P 9802016 **28 Sep/sep 1998** ES **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MANAGEMENT AND CONTROL OF DISPENSING MACHINES THROUGH THE DIGITAL MOBILE TELEPHONE CONTROL CHANNELS
• GESTION ET CONTROLE DES DISTRIBUTEURS AUTOMATIQUES A TRAVERS LES CANAUX DE CONTROLE DE LA TELEPHONIE MOBILE NUMERIQUE

(71) **VENELENTE SOCIEDAD LIMITADA** [ES/ES]; Calle Ignacio Ellacuria, 3, E–28017 Madrid (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARCOS CARTAS, Vicente Angel** [ES/ES]; Calle Ignacio Ellacuria, 3, E–28017 Madrid (ES). **JIMENEZ RIVERO, Jose Luis** [ES/ES]; Calle Ignacio Ellacuria, 3, E–28017 Madrid (ES). **VIGIL MORANT, Jose Ramon** [ES/ES]; Calle Ignacio Ellacuria, 3, E–28017 Madrid (ES).

(81) AU BR CA HU IL MX NO PL SG SI SK US; 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 7/22**

(11) **WO 00/19749** (13) A1

(21) PCT/IB99/01603

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) en (26) en

(30) 98/8913 **30 Sep/sep 1998** ZA **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DATA NETWORK
• RESEAU DE DONNEES

(71) **CLOVERBANK TRUST** [ZA/ZA]; Suite 1, Sunpark, 178 Smit Street, 2195 Fairland (ZA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DANIEL, Frederick, Coenraad** [ZA/ZA]; 123 Grosvenor Street, 2021 Bryanston (ZA). **WELTHAGEN, Johannes, Christiaan, Frederik** [ZA/ZA]; Portion 27, Hartebeesfontein, 2600 District Cullinan (ZA). **VAN RENSBURG, Deetlift, Christiaan** [ZA/ZA]; 87 Baard Avenue, Wierdapark, 0149 Centurion (ZA). **PIETERSE, Jacobus, Johannes** [ZA/ZA]; Plot 69, Donkerhoek, 1000 Cullinan (ZA).

(74) **DE VILLIERS, Christopher, Murray** et al. / etc.; Spoor and Fisher, Rochester Place, 173 Rivonia Road, Morningside, Sandton, P.O. Box 41312, 2024 Craighall (ZA).

(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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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 7/24, 3/00, H04M 7/00**

(11) **WO 00/19750** (13) A1

(21) PCT/US99/21529

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 09/163,265 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SYSTEM AND METHOD FOR MOBILITY MANAGEMENT FOR AN INTERNET TELEPHONE CALL TO A MOBILE TERMINAL
• SYSTEME ET PROCEDE DE GESTION DE LA MOBILITE POUR UNE COMMUNICATION TELEPHONIQUE INTERNET A UN TERMINAL MOBILE

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **SALLBERG, Krister**; Flygelv. 156, S–224 72 Lund (SE). **PATEL, Mahesh**; 6529 Roundrock Trail, Plano, TX 75023 (US).

(74) **MOORE, Stanley, R.** et al. / etc.; Jenkens & Gilchrist, P.C., Suite 3200, 1445 Ross Avenue, Dallas, TX 75202 (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 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; 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, 7/38**

(11) **WO 00/19751** (13) A1

(21) PCT/US99/22153

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/162,589 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ADAPTIVE SITE SCANNING BASED ON FADE RATE ESTIMATION
• BALAYAGE ADAPTATIF DE SITES BASE SUR L'ESTIMATION DE LA VITESSE D'EVANOUISSEMENT

(71) **ERICSSON, INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **HARTLESS, Mac**; 301 Swan Lane, Forest, VA 23551 (US). **JANKY, William, O.**; 124 Foxwood Drive, Goode, VA 24556 (US).

(74) **O'SULLIVAN, Timothy, J.** et al. / etc.; Myers, Bigel, Sibley, & Sajovec, P.A., P.O. Box 37428, Raleigh, NC 27627 (US).

(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 EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG UZ VN YU ZA ZW; 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 7/34, H04B 7/26**

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(21) PCT/EP99/07009

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) en (26) en

(30) MI98A002068 **25 Sep/sep 1998** IT **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND SYSTEM TO DIAGNOSE THE FUNCTIONAL STATE OF RADIO BASE STATIONS IN A DIGITAL TELECOMMUNICATION SYSTEM
• DIAGNOSTIC DE L'ETAT FONCTIONNEL DES STATIONS A BASE RADIO DANS UN SYSTEME DE TELECOMMUNICATIONS NUMERIQUE, ET SYSTEME A CET EFFET

(71) **ITALTEL S.P.A.** [IT/IT]; Via A. di Tocqueville, 13, I–20154 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). **MAGOTTI, Matteo** [IT/IT]; Via Roma, 3, I–46020 Pegognana (IT).

(74) **GIUSTINI, Delio**; Italtel s.p.a., Cascina Castelletto, I–20019 Settimo Milanese (IT).

(81) CA US; 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 7/34, H04B 3/48**

(11) **WO 00/19753** (13) A1

(21) PCT/US99/22357

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/161,789 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND APPARATUS FOR PROVIDING FEEDER CABLE INSERTION LOSS DETECTION IN A TRANSMISSION SYSTEM WITHOUT INTERFERING WITH NORMAL OPERATION
• PROCEDE ET APPAREIL DE DETECTION DE PERTE D'INSERTION DU CABLE D'ALIMENTATION DANS UN SYSTEME DE TRANSMISSION SANS PERTURBATION DU FONCTIONNEMENT NORMAL

(71, 72) **WRIGHT, Jonathan** [GB/US]; 4351 North O'Connor Boulevard, Irving, TX 75062 (US).

(74) **LYNCH, David, W.**; Altera Law Group, 10749 Bren Road East, Opus 2, Minneapolis, MN 55343 (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; 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 7/36**

(11) **WO 00/19754** (13) A1

(21) PCT/DE99/03045

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) de (26) de

(30) 198 44 099.5 **25 Sep/sep 1998** DE **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • IN–HOUSE SUBSYSTEM IN A MOBILE RADIO TELEPHONE NETWORK
• SOUS–SYSTEME INTERNE DANS UN RESEAU RADIOTELEPHONIQUE MOBILE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOLINTH, Edgar** [DE/DE]; Rheindahlener Strasse 88, D–41189 Mönchengladbach (DE). **SCHWARK, Uwe** [DE/DE]; Freiheitstrasse 6, D–46399 Bocholt (DE). **KAMPERSCHROER, Erich** [DE/DE]; Am Königsbach 27, D–46499 Hamminkeln (DE). **ARETZ, Kurt** [DE/DE]; Märkische Strasse 36, D–46419 Isselburg (DE). **KREUL, Theo** [DE/DE]; Meke–Van–Heiden–Strasse 9, D–46325 Borken (DE). **NASSHAN, Markus** [DE/DE]; Gartenweg 27, D–46395 Bocholt (DE). **FRANZEN, Michael** [DE/DE]; Elbestrasse 33, D–46395 Bocholt (DE). **JARBOT, Lutz** [DE/DE]; Im Amseltal 45, D–46395 Bocholt (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) AU BR CA CN IN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **H04Q 7/36**

(11) **WO 00/19755** (13) A1

(21) PCT/JP98/04391

(22) **30 Sep/sep 1998 (30.09.1998)**

(25) ja (26) ja

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TDMA RADIO COMMUNICATION SYSTEM, AND A BASE STATION AND SUBSCRIBER STATIONS FOR RADIO COMMUNICATION
• SYSTEME DE COMMUNICATION RADIO AMRT; STATION DE BASE ET STATIONS D'ABONNES POUR COMMUNICATION RADIO

(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) **HAMADA, Tomokazu** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8310 (JP). **MORITANI, Youichi**

[JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8310 (JP). **KAWABATA, Takashi** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8310 (JP). **ITO, Shuji** [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) JP US; 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 00/19756** (13) A1

(21) PCT/SE99/01649

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) en (26) en

(30) 09/162,122 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • A METHOD FOR ACQUISITION OF CELL RELATIONS IN A CELLULAR RADIOCOMMUNICATION SYSTEM
• OBTENTION DE RELATIONS INTRA–CELLULAIRES DANS UN SYSTEME DE RADIOCOMMUNICATIONS CELLULAIRES

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S–126 25 Stockholm (SE).

(72) **DESGAGNE, Michel**; 6606 des Marronniers, St. Hubert, Quebec J3Y 8T4 (CA). **CUFFARO, Angelo**; 4247 Becket Street, Pierrefonds, Quebec H9H 4W8 (CA). **MINICHIELLO, Pat**; 246 de Beauharnois, Montreal, Quebec H2N 1K3 (CA). **SAMMOUR, Mohammed**; Apartment #1011, 1100 Dr. Penfield, Montreal, Quebec H3A 1A8 (CA).

(74) **ERICSSON RADIO SYSTEMS AB**; Common Patent Dept., S–164 80 Stockholm (SE).

(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 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; 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 7/36**

(11) **WO 00/19757** (13) A1

(21) PCT/US99/18180

(22) **11 Aug/août 1999 (11.08.1999)**

(25) en (26) en

(30) 09/163,810 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SYSTEMS AND METHODS FOR TRACKING OF A PRIVATE COMMUNICATION SYSTEM SUBJECT TO RETUNING
• SYSTEMES ET PROCEDES DE POURSUITE D'UN SYSTEME DE COMMUNICATION PRIVE SOUMIS A RESYNTONISATION

(71) **ERICSSON, INC.** [US/US]; 7001 Development Drive, P.O. Box 23969, Research Triangle Park, NC 27709 (US).

(72) **WALLSTEDT, Kenneth**; 302–S Copperline Drive, Chapel Hill, NC 27516 (US).

(74) **GLATZ, Robert, W.** et al. / etc.; Myers, Bigel, Sibley & Sajovec, P.A., P.O. Box 37428, Raleigh, NC 27627 (US).

(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 EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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 7/38**

(11) **WO 00/19758** (13) A2

(21) PCT/EP99/07066

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 982071 **25 Sep/sep 1998** FI **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SIGNALLING IN A TELECOMMUNICATIONS SYSTEM
• SIGNALISATION DANS UN SYSTEME DE TELECOMMUNICATION

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; SE–126 25 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GARCIA–MARTIN, Miguel–Angel** [ES/ES]; Pase Esperanza 8, esc. 3, 7–B, E–28005 Madrid (ES). **GARCIA GONZALES, Juan, Maria** [ES/ES]; Banos de Montemayor 6, 1 B, E–28005 Madrid (ES).

(74) **BORENIUS & CO OY AB**; Kansakoulukuja 3, FIN–00100 Helsinki (FI).

(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 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; 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 7/38**

(11) **WO 00/19759** (13) A1

(21) PCT/FI99/00735

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 982093 **29 Sep/sep 1998** FI **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CALL FORWARDING IN A TELECOMMUNICATIONS NETWORK
• TRANSFERT D'APPEL DANS UN RESEAU DE TELECOMMUNICATIONS

(71) **NOKIA NETWORKS OY** [FI/FI]; Keilalahdentie 4, FIN–02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PALVIAINEN, Keijo** [FI/FI]; Halmetie 6 A 2, FIN–00700 Helsinki (FI). **KESKINEN, Matti** [FI/FI]; Retiisikuja 4, FIN–04400 Järvenpää (FI). **OJALA, Erkki** [FI/FI]; Vanha Turuntie 2, FIN–02880 Veikkola (FI). **YLÄ–OUTINEN, Petteri** [FI/FI]; Päivöläntie 26, FIN–03250 Ojakkala (FI).

(74) **PATENT AGENCY COMPATENT LTD.**; Pitkänsillanranta 3 B, FIN–00530 Helsinki (FI).

(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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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 7/38**

(11) **WO 00/19760** (13) A1

(21) PCT/FI99/00794

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 982091 **29 Sep/sep 1998** FI **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ADMISSION CONTROL METHOD
• PROCEDE SE RAPPORTANT A UN CONTROLE D'ADMISSIONS

(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) **LAAKSONEN, Niina** [FI/FI]; Nuottaniementie 25 B 5, FIN–02230 Espoo (FI).

(74) **BERGGREN OY AB**; P.O. Box 16, FIN–00101 Helsinki (FI).

(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 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; 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)[6] **H04Q 7/38, H04J 3/00**

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(21) PCT/JP98/04390

(22) **30 Sep/sep 1998 (30.09.1998)**

(25) ja (26) ja

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • AN INTERFERENCE DETECTION METHOD AND AN INTERFERENCE AVOIDANCE METHOD
• TECHNIQUES PERMETTANT DE DETECTER ET D'EVITER LES INTERFERENCES

(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) **HAMADA, Tomokazu** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8310 (JP). **MORITANI, Youichi** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8310 (JP). **KAWABATA, Takashi** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chidoya–ku, Tokyo 100–8310 (JP). **ITO, Shuji** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chidoya–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) JP US; 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 00/19762** (13) A1

(21) PCT/SE99/01695

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/163,299 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND SYSTEM FOR IMPROVED TRAFFIC MANAGEMENT IN WIRELESS TELECOMMUNICATION SYSTEMS
• PROCEDE ET SYSTEME SERVANT A AMELIORER LA GESTION DU TRAFIC DANS UN RESEAU DE TELECOMMUNICATIONS SANS FIL

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S–126 25 Stockholm (SE).

(72) **CORBETT, Eddie**; Norr Mälarstrand 76, 7tr, S–112 35 Stockholm (SE).

(74) **ERICSSON RADIO SYSTEMS AB**; Common Patent Dept., S–164 80 Stockholm (SE).

(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 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; 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 7/38**

(11) **WO 00/19763** (13) A1

(21) PCT/US99/21822

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) en (26) en

(30) 09/163,028 **29 Sep/sep 1998** US **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PREVENTION OF ALTERATION OF LOCATION INFORMATION FOR MOBILE–BASED LOCATION CALCULATION
• PREVENTION D'ALTERATION D'INFORMATIONS DE POSITION POUR LE CALCUL DE POSITION D'UN TERMINAL MOBILE

(71) **ERICSSON INC.** [US/US]; P.O. Box 13969, 7001 Development Drive, Research Triangle Park, NC 27709 (US).

(72) **HAVINIS, Theodore**; Apartment 427, 1520 Preston Road, Plano, TX 75093 (US). **BOLTZ, David**; 901 Lochness Lane, Garland, TX 75044 (US).

(74) **BACON, Jeffery, E.** et al. / etc.; Jenkens & Gilchrist, P.C., Suite 3200, 1445 Ross Avenue, Dallas, TX 75202 (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 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; 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 11/04, H04L 12/64**

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(21) PCT/DE99/03055

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) de (26) de

(30) 198 45 031.1 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR CONNECTING EXCHANGES VIA A PACKET–ORIENTED COMMUNICATIONS NETWORK
• PROCEDE POUR CONNECTER DES CENTRAUX TELEPHONIQUES PAR L'INTERMEDIAIRE D'UN RESEAU DE COMMUNICATION ORIENTE PAQUETS

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
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(72, 75) **FRAAS, Wolfgang** [DE/DE]; Karwendelstrasse 2, D–82515 Wolfratshausen (DE). **HÜNLICH, Klaus** [DE/DE]; Birkenstrasse 4, D–85467 Neuching (DE). **WEHREND, Klaus** [DE/DE]; Eichenstrasse 1, D–82223 Eichenau (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CA US; 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, H04L 12/64**

(11) **WO 00/19765** (13) A2

(21) PCT/DE99/03056

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) de (26) de

(30) 198 45 038.9 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR CONNECTING COMMUNICATIONS TERMINALS TO A EXCHANGE VIA A COMMUNICATIONS NETWORK

• PROCEDE POUR CONNECTER DES TERMINAUX DE COMMUNICATION A UN CENTRAL TELEPHONIQUE PAR L'INTERMEDIAIRE D'UN RESEAU DE COMMUNICATION

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRAAS, Wolfgang** [DE/DE]; Karwendelstrasse 2, D–82515 Wolfratshausen (DE). **HÜNLICH, Klaus** [DE/DE]; Birkenstrasse 4, D–85467 Neuching (DE). **WEHREND, Klaus** [DE/DE]; Eichenstrasse 1, D–82223 Eichenau (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CA US; 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 00/19766** (13) A1

(21) PCT/DE99/03059

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) de (26) de

(30) 198 44 732.9 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CIRCUIT AND METHOD FOR SWITCHING THROUGH CHANNELS OF A MULTI–CHANNEL CONNECTION
• CIRCUIT ET PROCEDE POUR INTERCONNECTER LES CANAUX D'UNE CONNEXION A CANAUX MULTIPLES

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KRETEN, Axel** [DE/DE]; Sandbergstr. 23, D–82178 Puchheim (DE). **GNEITING, Dieter** [DE/DE]; Gräfelfingerstr. 70, D–81375 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CN JP US; 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**

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(21) PCT/DE99/03214

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) de (26) de

(30) 198 44 941.0 **30 Sep/sep 1998** DE **(30.09.1998)**

(30) 299 14 706.1 **21 Aug/août 1999** DE **(21.08.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • LINE TERMINATOR UNIT FOR A SUBSCRIBER LINE
• DISPOSITIF DE TERMINAISON DE LIGNE POUR LIGNE DE RACCORDEMENT D'ABONNE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAUPTMANN, Jörg** [AT/AT]; Goritschacher Strasse 50, A–9241 Wernberg (AT). **PREITNEGGER, Manfred** [AT/AT]; Woisetschlägerweg 4, A–9020 Klagenfurt (AT). **RUDOLF, Hans–Werner** [DE/DE]; Wörthstrasse 13, D–81667 München (DE). **KUNISCH, Paul** [DE/DE]; Rotwandstrasse 16, D–82178 Puchheim (DE). **KROTTENDORFER, Gerald** [AT/AT]; Kratochwjlestrasse 12/2/64, A–1220 Wien (AT). **FRENZEL, Rudi** [DE/DE]; Hofangerstrasse 38, D–81735 München (DE). **TERSCHLUSE, Markus** [DE/DE]; Rahel–Straus–Weg 8, D–81673 München (DE). **SCHMÜCKING, Dirk** [DE/AT]; Flussgasse 6, A–9500 Villach (AT).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CN JP KR US; 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, H04M 11/06, H04L 25/49**

(11) **WO 00/19768** (13) A1

(21) PCT/US99/19527

(22) **26 Aug/août 1999 (26.08.1999)**

(25) en (26) en

(30) 09/164,155 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND APPARATUS FOR IDENTIFYING THE ENCODING TYPE OF A CENTRAL OFFICE CODEC
• TECHNIQUE ET APPAREIL PERMETTANT UNE IDENTIFICATION DU TYPE DE CODAGE D'UN CODEUR–DECODEUR D'UN BUREAU CENTRAL

(71) **CONEXANT SYSTEMS, INC.** [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660–3095 (US).

(72) **ZHANG, Xuming**; 26462 Mikanos Drive, Mission Viejo, CA 92692 (US). **ZHOU, Zhenyu**; 9 Maryland, Irvine, CA 92606 (US).

(74) **TAKAHASHI, Mark, M.**; Snell & Wilmer L.L.C., One Arizona Center, 400 East Van Buren, Phoenix, AZ 85004–0001 (US).

(81) JP; 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] **H04R 25/00, B29C 70/60**

(11) **WO 00/19769** (13) A1

(21) PCT/EP99/06700

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 98203228.6 **25 Sep/sep 1998** EP **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • OTOPLASTIC FOR A HEARING AID
• ELEMENT D'OTOPLASTIE POUR PROTHESE AUDITIVE

(71) **BELTONE NETHERLANDS B.V.** [NL/NL]; Hurksestraat 42, NL–5652 AL Eindhoven (NL).

(72) **CLAES, Rudi, A., M.**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **BEUMERS, Joseph, F., J., M.**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **VAN KAN, J., J., H.**; Algemeen Octrooibureau, World Trade Center, P. Petersstraat 160, NL–5612 LV Eindhoven (NL).

(81) JP; 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] **H04R 25/00**

(11) **WO 00/19770** (13) A1

(21) PCT/EP99/06916

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) de (26) de

(30) 198 44 761.2 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HEARING AID AND METHOD FOR PROCESSING MICROPHONE SIGNALS IN A HEARING AID
• PROTHESE AUDITIVE ET PROCEDE DE TRAITEMENT DE SIGNAUX DE MICROPHONE DANS UNE PROTHESE AUDITIVE

(71) **SIEMENS AUDIOLOGISCHE TECHNIK GMBH** [DE/DE]; Gebbertstrasse 125, D–91058 Erlangen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FISCHER, Eghart** [DE/DE]; Albrecht–Dürer–Strasse 22, D–91126 Schwabach (DE).

(74) **ZEDLITZ, Peter**; Postfach 22 13 17, D–80503 München (DE).

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

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(51)[6] **H04R 25/00**

(11) **WO 00/19771** (13) A1

(21) PCT/US99/22198

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/160,733 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MICROPHONE HAVING LINEAR OPTICAL TRANSDUCERS
• MICROPHONE A TRANSDUCTEURS OPTIQUES LINEAIRES

(71, 72) **FRENKEL, Anatoly** [US/US]; 5 Rollin Road, Woodbridge, CT 06525 (US).

(74) **FREUND, Samuel, M.**; 11 Timber Ridge Road, Los Alamos, NM 87544 (US).

(81) ; 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] **H05B 3/00**

(11) **WO 00/19772** (13) A2

(21) PCT/DE99/03098

(22) **25 Sep/sep 1999 (25.09.1999)**

(25) de (26) de

(30) 198 44 347.1 **28 Sep/sep 1998** DE **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CERAMIC SHEATHED ELEMENT GLOW PLUG
• BOUGIE–CRAYON DE PRECHAUFFAGE CERAMIQUE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D–70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GEISSINGER, Albrecht** [DE/DE]; Theodor–Heuss–Strasse 41, D–75147 Mühlacker (DE). **LINDEMANN, Gert** [DE/DE]; Lerchenweg 10, D–72850 Lichtenstein (DE). **HALUSCHKA, Christoph** [DE/DE]; Altenbrunn 16, D–63911 Klingenberg (DE). **NETHING, Thomas** [DE/DE]; Unterer Ezachweg 45, D–71229 Leonberg (DE). **DRESSLER, Wolfgang** [DE/DE]; Steinhaldenweg 7, D–71665 Vaihingen (DE). **LINDNER, Friederike** [DE/DE]; Immelmannstrasse 24, D–70839 Gerlingen (DE). **BOEDER, Horst** [DE/DE]; Brunnenstrasse 9, D–71069 Sindelfingen (DE). **ROWEK, Matthias** [DE/DE]; Burgstrasse 17, D–73033 Göppingen (DE). **OTTERBACH, Wolfgang** [DE/DE]; Wikingerweg 45, D–70439 Stuttgart (DE). **KERN, Christoph** [DE/DE]; Wilhelmstrasse 5, D–71546 Aspach (DE).

(81) CZ IN JP KR SI SK US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **H05B 3/34, 1/00, 3/10, H02H 5/04**

(11) **WO 00/19773** (13) A1

(21) PCT/US99/22140

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 09/160,540 **25 Sep/sep 1998** US **(25.09.1998)**

(30) 09/309,917 **11 May/mai 1999** US **(11.05.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MULTI–CONDUCTOR SOFT HEATING ELEMENT
• ELEMENT CHAUFFANT SOUPLE MULTICONDUCTEUR

(71, 72) **KOCHMAN, Arkady** [US/US]; 662 Lyons Circle, Highland Park, IL 60035 (US). **GUREVICH, Arthur** [IL/US]; 3534 Elmwood, Wilmette, IL 60091 (US).

(74) **STAVISH, Matthew, W.**; Liniak, Berenato, Longacre & White, Suite 240, 6550 Rock Spring Drive, Bethesda, MD 20817 (US).

(81) CA CN IL IN JP MX PL RO ZA; 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] **H05B 3/68, 3/72**

(11) **WO 00/19774** (13) A1

(21) PCT/EP99/07258

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) de (26) de

(30) 198 45 102.4 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ELECTRICAL COOKING SYSTEM WHICH TRANSFERS CONTACT HEAT
• SYSTEME DE CUISSON ELECTRIQUE TRANSFERANT DE LA CHALEUR PAR CONTACT

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

(72) **SCHMIDMAYER, Gerhard**; Dorfstrasse 25, D–83093 Bad Endorf (DE). **SCHUBERT, Lars**; Watzmannstrasse 25, D–83371 Stein an der Traun (DE).

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

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(51)[6] **H05B 3/68, 3/44, H01T 23/00, B23B 5/22, C23C 16/00**

(11) **WO 00/19775** (13) A1

(21) PCT/US99/21885

(22) **20 Sep/sep 1999 (20.09.1999)**

(25) en (26) en

(30) 09/161,323 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • WAFER LEVEL BURN–IN AND TEST THERMAL CHUCK AND METHOD
• EMBASE THERMIQUE D'ESSAI ET DE VIEILLISSEMENT ARTIFICIEL DU NIVEAU DE PLAQUETTES, ET PROCEDE ASSOCIE

(71) **AEHR TEST SYSTEMS** [US/US]; 1667 Plymouth Street, Mountain View, CA 94043 (US).

(72) **ANDBERG, John, W.**; 305 Highview Court, Santa Cruz, CA 95060 (US).

(74) **HIGGINS, Willis, E.**; Cooley Godward L.L.P., 3000 El Camino Real, Five Palo Alto Square, Palo Alto, CA 94306–2155 (US) et al. / etc.

(81) IL JP KR SG; 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] **H05B 33/10, 33/26, 33/22**

(11) **WO 00/19776** (13) A1

(21) PCT/EP99/06644

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) en (26) en

(30) 98203291.4 **30 Sep/sep 1998** EP **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND DEVICE FOR MANUFACTURING AN ELECTROLUMINESCENT DISPLAY SCREEN
• PROCEDE ET DISPOSITIF DE FABRICATION D'UN ECRAN A AFFICHAGE ELECTROLUMINESCENT

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

(72) **YOUNG, Edward, W., A.**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **VAN PELT, Pieter**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **STOLK, Steven, A.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(81) JP; 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] **H05B 37/02**

(11) **WO 00/19777** (13) A1

(21) PCT/JP99/05186

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) ja (26) ja

(30) 10/273342 **28 Sep/sep 1998** JP **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE FOR LIGHTING FILAMENT LAMP
• DISPOSITIF PERMETTANT DE FAIRE FONCTIONNER UNE LAMPE A INCANDESCENCE

(71) **USHIO DENKI KABUSHIKI KAISYA** [JP/JP]; 19th Floor, Asahitokai Building, 6–1, Otemachi 2–chome, Chiyoda–ku, Tokyo 100–0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KANNO, Takayuki** [JP/JP]; 12–2, Satsukigaoka, Aoba–ku, Yokohama–shi, Kanagawa 227–0053 (JP).

(74) **ISOHATA, Masao**; Ushiodenki kabushiki kaisya, 19th Floor, Asahitokai Building, 6–1, Otemachi 2–chome, Chiyoda–ku, Tokyo 100–0004 (JP).

(81) KR US; 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] **H05B 39/02, H02H 9/00, H02M 5/257**

(11) **WO 00/19778** (13) A1

(21) PCT/FR99/02317

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) fr (26) fr

(30) 98/12395 **29 Sep/sep 1998** FR **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CIRCUIT FOR CONTROLLING A LOAD TO BE SUPPLIED BY AN ALTERNATING CURRENT VOLTAGE
• CIRCUIT DE COMMANDE D'UNE CHARGE A ALIMENTER PAR UNE TENSION ALTERNATIVE

(71) **STMICROELECTRONICS S.A.** [FR/FR]; 7, avenue Galliéni, F–94250 Gentilly (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **RIVET, Bertrand** [FR/FR]; 36, rue de la Charlotière, F–37540 Saint Cyr Sur Loire (FR). **PEZZANI, Robert** [FR/FR]; 4, Résidence La Thibaudière, Parçay–Meslay, F–37210 Vouvray (FR).

(74) **DE BEAUMONT, Michel**; Cabinet Conseil, 1, rue Champollion, F–38000 Grenoble (FR).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **H05B 41/00**

(11) **WO 00/19779** (13) A1

(21) PCT/CA98/00920

(22) **29 Sep/sep 1998 (29.09.1998)**

(25) en (26) en

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CIRCUIT FOR CONTROLLING CURRENT TO LAMP AND METHOD OF OPERATION
• CIRCUIT POUR REGULER LE COURANT FOURNI A UNE LAMPE ET SON PROCEDE DE FONCTIONNEMENT

(71) **MODEX–LITE INC.** [CA/CA]; 535 Chaline, St–Lazare, Quebec J7T 2B2 (CA). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PIASKOWSKI, Andrew, D.** [CA/CA]; 535 Chaline, St–Lazare, Quebec J7T 2B2 (CA). **GLAVAC, Vladimir** [CA/CA]; 6 Racine, Pincourt, Quebec J7V 8G1 (CA).

(74) **MITCHELL, Robert** et al. / etc.; Swabey Ogilvy Renault, Suite 1600, 1981 McGill College Avenue, Montreal, Quebec H3A 2Y3 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG 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] **H05B 41/392**

(11) **WO 00/19780** (13) A1

(21) PCT/IT99/00295

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) en (26) en

(30) MC98A000090 **25 Sep/sep 1998** IT **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • TRANSFORMING DEVICE FOR COLD CATHODE LIGHTING TUBES CHARGED WITH NEON OR ARGON OR MIXED GASES
• DISPOSITIF DE TRANSFORMATION POUR LUMINAIRES A CATHODE FROIDE CHARGES AVEC DES GAZ NEON OU ARGON OU DES GAZ MIXTES

(71) **ELETTROTECNICA RICCI–S.A.S. DI RICCI ENNIO E SERGIO & C.** [IT/IT]; Via I Maggio, 18, I–60131 Ancona (IT). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **RICCI, Ennio** [IT/IT]; Via Selandari, 7, I–60100 Ancona (IT).

(74) **BALDI, Claudio**; Piazza Ghislieri, 3, I–60035 Jesi (IT).

(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; 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] **H05G**

(11) **WO 00/19781** (13) A2

(21) PCT/US99/22236

(22) **24 Sep/sep 1999 (24.09.1999)**

(25) en (26) en

(30) 60/102,128 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MINIATURE C–ARM APPARATUS WITH C–ARM MOUNTED COMPACT OIL IMMERSION POWER SUPPLY
• APPAREIL DE PETITE TAILLE A ARCEAU EQUIPE D'UNE ALIMENTATION ELECTRIQUE COMPACTE, IMMERGEE DANS L'HUILE, ET MONTEE SUR L'ARCEAU

(71) **FLUOROSCAN IMAGING SYSTEMS, INC.** [US/US]; 650 B Anthony Trail, Northbrook, IL 60062 (US).

(72) **TOMASETTI, Perry, J.**; 2116 North 75th Court, Elmwood Park, IL 60707 (US). **BROWN, Sandra, L.**; 1329 Perrson's Parkway, Belvidere, IL 61008 (US). **GRISER, John, T.**; 424 Rambler Place, Streamwood, IL 60107 (US).

(74) **DUNHAM, Christopher, C.**; Cooper & Dunham LLP, 1185 Avenue of the Americas, New York, NY 10036 (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 TZ UA UG UZ VN YU ZA ZW; 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] **H05G 1/04, F04D 13/16**

(11) **WO 00/19782** (13) A1

(21) PCT/US99/22489

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/162,316 **28 Sep/sep 1998** US **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • COOLING SYSTEM FOR AN X–RAY SOURCE
• SYSTEME DE REFROIDISSEMENT D'UNE SOURCE DE RAYONS X

(71) **VARIAN MEDICAL SYSTEMS, INC.** [US/US]; 3100 Hansen Way, Palo Alto, CA 94304–1030 (US).

(72) **ANDREWS, Greg**; 8129 Grambling Way, Sandy, UT 84094 (US).

(74) **FRIEDMAN, Bradford, L.**; Varian Medical Systems, Inc., 3100 Hansen Way, M/S E339, Palo Alto, CA 94304 (US).

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

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(51)[6] **H05G 1/56**

(11) **WO 00/19783** (13) A1

(21) PCT/US99/22041

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) en (26) en

(30) 60/101,936 **25 Sep/sep 1998** US **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • MINIATURE C–ARM APPARATUS WITH MULTIPLE X–RAY INDICATORS
• APPAREIL RADIOGRAPHIQUE A ARCEAU MINIATURE POURVU DE PLUSIEURS TEMOINS DE RAYONS X

(71) **FLUOROSCAN IMAGING SYSTEMS, INC.** [US/US]; 650 B Anthony Trail, Northbrook, IL 60062 (US).

(72) **TOMASETTI, Perry, J.**; 2116 North 75th Court, Elmwood Park, IL 60707 (US). **HIGGINS, William, E.**; 12222 Flambeau, Palos Heights, IL 60463 (US).

(74) **DUNHAM, Christopher, C.**; Cooper & Dunham LLP, 1185 Avenue of the Americas, New York, NY 10036 (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 TZ UA UG UZ VN YU ZA ZW; 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)[6] **H05H 1/46**

(11) **WO 00/19784** (13) A1

(21) PCT/US99/22965

(22) **1 Oct/oct 1999 (01.10.1999)**

(25) en (26) en

(30) 60/102,641 **1 Oct/oct 1998 (01.10.1998)** US

(30) 09/406,907 **28 Sep/sep 1999 (28.09.1999)** US

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SLOTTED WAVEGUIDE STRUCTURE FOR GENERATING PLASMA DISCHARGES
• STRUCTURE GUIDE D'ONDES A FENTES PERMETTANT DE PRODUIRE DES DECHARGES DE PLASMA

(71) **THE UNIVERSITY OF TENNESSEE RESEARCH CORPORATION** [US/US]; Suite 403, 1534 White Avenue, Knoxville, TN 37996–1527 (US).

(72) **SPENCE, Paul, D.**; 200 Rocky Chase Drive, Greenville, SC 29615 (US). **DEEDS, W., Edward**; 3601 Montlake Drive, Knoxville, TN 37920 (US).

(74) **MENDELSOHN, Steve** et al. / etc.; Mendelsohn & Associates, P.C., Suite 2330, 1601 Market Street, Philadelphia, PA 19103 (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; 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] **H05H 7/02, 13/00**

(11) **WO 00/19785** (13) A2

(21) PCT/SE99/01662

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 9803301–2 **29 Sep/sep 1998 (29.09.1998)** SE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE FOR RF CONTROL
• DISPOSITIF DE COMMANDE EN RADIOFREQUENCE

(71) **GEMS PET SYSTEMS AB** [SE/SE]; Husbyborg, S–752 29 Uppsala (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERGSTRÖM, Jan, Olof** [SE/SE]; Sehlstedtsgatan 6, S–754 41 Uppsala (SE).

(74) **HEDBERG, Åke** et al. / etc.; Aros Patent AB, P.O. Box 1544, S–751 45 Uppsala (SE).

(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 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 US UZ VN YU ZA ZW; 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] **H05H 7/04**

(11) **WO 00/19786** (13) A2

(21) PCT/SE99/01710

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 9803303–8 **29 Sep/sep 1998 (29.09.1998)** SE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD OF REDUCING AXIAL BEAM FOCUSING
• PROCEDE PERMETTANT DE REDUIRE LA FOCALISATION AXIALE D'UN FAISCEAU

(71) **GEMS PET SYSTEMS AB** [SE/SE]; Husbyborg, S–752 29 Uppsala (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72) **LINDBÄCK, Stig** (deceased / décédé).

(72, 75) **BERGSTRÖM, Jan, Olof** [SE/SE]; Sehlstedtsgatan 6, S–754 41 Uppsala (SE). **LINDBÄCK, Solveig** (heir of the deceased inventor / héritier de l'inventeur décédé) [SE/SE]; Fjällugglevägen 6, S–756 53 Uppsala (SE).

(74) **HEDBERG, Åke** et al. / etc.; Aros Patent AB, Box 1544, S–751 45 Uppsala (SE).

(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 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 US UZ VN YU ZA ZW; 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] **H05H 13/00, G21K 5/08**

(11) **WO 00/19787** (13) A1

(21) PCT/SE99/01661

(22) **23 Sep/sep 1999 (23.09.1999)**

(25) en (26) en

(30) 9803302–0 **29 Sep/sep 1998 (29.09.1998)** SE

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE FOR FITTING OF A TARGET IN ISOTOPE PRODUCTION
• DISPOSITIF D'INSTALLATION DE CIBLE POUR LA PRODUCTION D'ISOTOPES

(71) **GEMS PET SYSTEMS AB** [SE/SE]; Husbyborg, S–752 29 Uppsala (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WIBERG, Peter** [SE/SE]; Enängen, Jumkil, S–740 22 Bälinge (SE).

(74) **HEDBERG, Åke** et al. / etc.; Aros Patent AB, P.O. Box 1544, S–751 45 Uppsala (SE).

(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 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 US UZ VN YU ZA ZW; 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] **H05K 3/34**

(11) **WO 00/19788** (13) A1

(21) PCT/DE99/02629

(22) **23 Aug/août 1999 (23.08.1999)**

(25) de (26) de

(30) 198 44 946.1 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CONNECTOR DEVICE FOR AN UNWIRED ELECTRONIC COMPONENT WITH AN OVERLYING AND UNDERLYING ELECTRODE
• DISPOSITIF DE CONNEXION D'UN COMPOSANT ELECTRONIQUE NON CABLE DOTE D'UNE ELECTRODE SUPERIEURE ET D'UNE ELECTRODE INFERIEURE

(71) **SIEMENS ELECTROMECHANICAL COMPONENTS GMBH & CO. KG** [DE/DE]; Gustav–Heinemann–Ring 212, D–81739 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DREKMEIER, Karl–Gerd** [DE/DE]; Bussardstrasse 42, D–82008 Unterhaching (DE). **TEMPLIN, Frank** [DE/DE]; Weissenseerweg 2, D–10367 Berlin (DE).

(74) **SIEMENS ELECTROMECHANICAL COMPONENTS GMBH & CO. KG**; Epping, Wilhelm, Postfach 22 13 17, D–80503 München (DE).

(81) BR CN HU US; 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] **H05K 3/46, 3/24**

(11) **WO 00/19789** (13) A1

(21) PCT/JP99/05266

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) ja (26) ja

(30) 10/272799 **28 Sep/sep 1998** JP **(28.09.1998)**

(30) 10/276010 **29 Sep/sep 1998** JP **(29.09.1998)**

(30) 10/276011 **29 Sep/sep 1998** JP **(29.09.1998)**

(30) 10/290450 **13 Oct/oct 1998** JP **(13.10.1998)**

(30) 10/310445 **30 Oct/oct 1998** JP **(30.10.1998)**

(30) 10/351572 **10 Dec/déc 1998** JP **(10.12.1998)**

(30) 10/354733 **14 Dec/déc 1998** JP **(14.12.1998)**

(30) 10/372274 **28 Dec/déc 1998** JP **(28.12.1998)**

(30) 11/106184 **14 Apr/avr 1999** JP **(14.04.1999)**

(30) 11/187418 **1 Jul/juil 1999** JP **(01.07.1999)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • PRINTED WIRING BOARD AND METHOD FOR PRODUCING THE SAME
• CARTE IMPRIMEE ET SON PROCEDE DE FABRICATION

(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) **EN, Honchin** [JP/JP]; Ibiden Co., Ltd., 1–1, Kitagata, Ibigawacho, Ibi–gun, Gifu 501–0695 (JP). **HAYASHI, Masayuki** [JP/JP]; Ibiden Co., Ltd., 1–1, Kitagata, Ibigawacho, Ibi–gun, Gifu 501–0695 (JP). **WANG, Dongdong** [NZ/JP]; Ibiden Co., Ltd., 1–1, Kitagata, Ibigawacho, Ibi–gun, Gifu 501–0695 (JP). **SHIMADA, Kenichi** [JP/JP]; Ibiden Co., Ltd., 1–1, Kitagata, Ibigawacho, Ibi–gun, Gifu 501–0695 (JP). **ASAI, Motoo** [JP/JP]; Ibiden Co., Ltd., 1–1, Kitagata, Ibigawacho, Ibi–gun, Gifu 501–0695 (JP). **SEKINE, Koji** [JP/JP]; Ibiden Co., Ltd., 1–1, Kitagata, Ibigawacho, Ibi–gun, Gifu 501–0695 (JP). **NAKAI, Tohru** [JP/JP]; Ibiden Co., Ltd., 1–1, Kitagata, Ibigawacho, Ibi–gun, Gifu 501–0695 (JP). **ICHIKAWA, Shinichiro** [JP/JP]; Ibiden Co., Ltd., 1–1, Kitagata, Ibigawacho, Ibi–gun, Gifu 501–0695 (JP). **TOYODA, Yukihiko** [JP/JP]; Ibiden Co., Ltd., 1–1, Kitagata, Ibigawacho, Ibi–gun, Gifu 501–0695 (JP).

(74) **YASUTOMI, Yasuo** et al. / etc.; Recruit Shin Osaka Building, 4th floor, 14–22, Nishinakajima 5–chome, Yodogawa–ku, Osaka–shi, Osaka 532–0011 (JP).

(81) KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **H05K 5/00**

(11) **WO 00/19790** (13) A1

(21) PCT/US99/22451

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) en (26) en

(30) 09/163,575 **30 Sep/sep 1998** US **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • ELECTRONICS ENCLOSURE FOR USE IN A FOOD PROCESSING ENVIRONMENT
• ENCEINTE ELECTRONIQUE CONÇUE POUR UN ENVIRONNEMENT DE TRANSFORMATION ALIMENTAIRE

(71) **THE BOC GROUP, INC.** [US/US]; 575 Mountain Avenue, New Providence, NJ 07974 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CELAURO, Paul, J.** [–/US]; 402 Ferncrest Court, Three Bridges, NJ 08887 (US). **LESZCZYNSKI, John** [–/US]; 717 Arbor Creek Way, Nashville, TN 37217 (US).

(74) **SCHONEMAN, William, A.**; 100 Mountain Avenue, New Providence, NJ 07974 (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; 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] **H05K 9/00**

(11) **WO 00/19791** (13) A1

(21) PCT/FR99/02300

(22) **28 Sep/sep 1999 (28.09.1999)**

(25) fr (26) fr

(30) 98/12143 **29 Sep/sep 1998** FR **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE FOR PROTECTING AN ELECTRIC CIRCUIT AGAINST INTERFACE MICRODISCHARGE PHENOMENA
• DISPOSITIF DE PROTECTION D'UN CIRCUIT ELECTRIQUE CONTRE LES PHENOMENES DE MICRODECHARGES D'INTERFACE

(71) **ELECTRICITE DE FRANCE SERVICE NATIONAL** [FR/FR]; 2, rue Louis Murat, F–75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JOHANNET, Pierre** [FR/FR]; 5, rue Gazan, F–75014 Paris (FR). **GUUINIC, Philippe** [FR/FR]; 1, rue Jean Bologne, F–75016 Paris (FR). **FONTAINE, Pierre** [FR/FR]; 7, rue du Général de Gaulle, F–95220 Herblay (FR).

(74) **FRECHEDE, Michel** et al. / etc.; Cabinet Plasseraud, 84, rue d'Amsterdam, F–75440 Paris 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 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; 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] **H05K 9/00**

(11) **WO 00/19792** (13) A1

(21) PCT/JP99/05403

(22) **30 Sep/sep 1999 (30.09.1999)**

(25) ja (26) ja

(30) 10/276688 **30 Sep/sep 1998** JP **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • SHIELD AGAINST RADIO WAVE OR MAGNETIC WAVE AND SHIELDING STRUCTURE FOR THE EDGE
• BLINDAGE DE PROTECTION CONTRE L'ACTION DES ONDES RADIOELECTRIQUES OU DES ONDES MAGNETIQUES ET STRUCTURE DE BLINDAGE POUR L'EFFET DE BORD

(71) **HIHAKAIKENSA CO., LTD** [JP/JP]; 4–16–9, Tenma, Kita–ku, Osaka–shi, Osaka 530–0043 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **NAKAGOSHI, Yasunobu** [JP/JP]; 1–3–12, Shinoharakita–machi, Nada–ku, Kobe–shi, Hyogo 657–0068 (JP).

(72, 75) **MIYABE, Yasutaka** [JP/JP]; 1–18–14, Kitahorie, Nishi–ku, Osaka–shi, Osaka 550–0014 (JP).

(74) **KITAMURA, Koji**; 7–2–1009, Minami–ogimachi, Kita–ku, Osaka–shi, Osaka 530–0052 (JP).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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; 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] **H05K 13/00**

(11) **WO 00/19793** (13) A1

(21) PCT/IL99/00465

(22) **25 Aug/août 1999 (25.08.1999)**

(25) en (26) en

(30) 126398 **28 Sep/sep 1998** IL **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • CONVEYOR SYSTEM
• SYSTEME CONVOYEUR

(71) **ORBOTECH LTD.** [IL/IL]; P.O. Box 215, 81102 Yavne (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IGRA, Gad** [IL/IL]; Hadar Street 2, 84965 Omer (IL). **KOCHAVI, Nitsan** [IL/IL]; Macabee Street 5, 74046 Nes Ziona (IL).

(74) **COLB, Sanford, T.** et al. / etc.; Sanford T. Colb & Co., P.O. Box 2273, 76122 Rehovot (IL).

(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 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; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG 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] **H05K 13/02, 13/04, 13/08**

(11) **WO 00/19794** (13) A1

(21) PCT/DE99/02786

(22) **2 Sep/sep 1999 (02.09.1999)**

(25) de (26) de

(30) 198 44 661.6 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR CHECKING COMPONENTS IN PICK–AND–PLACE ROBOTS
• PROCEDE DE CONTROLE DE LA PRESENCE DE COMPOSANTS ADEQUATS DANS DES MACHINES A POSER DES COMPOSANTS

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).

(72) **STANZL, Harald**; Hunkelestrasse 7, D–81476 München (DE). **PRITTMANN, Jochen**; Saarbrückerstrasse 9, D–81379 München (DE).

(81) CN JP KR SG; 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] **H05K 13/04**

(11) **WO 00/19795** (13) A1

(21) PCT/DE99/01391

(22) **7 May/mai 1999 (07.05.1999)**

(25) de (26) de

(30) 198 44 134.7 **25 Sep/sep 1998** DE **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE FOR ASSEMBLING ELECTRICAL COMPONENT SUPPORTS
• DISPOSITIF POUR METTRE EN PLACE DES COMPOSANTS ELECTRIQUES SUR DES SUPPORTS

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MEHDIANPOUR, Mohammad** [IR/DE]; Heltauer Strasse 39, D–81829 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CN KR US; 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] **H05K 13/04**

(11) **WO 00/19796** (13) A1

(21) PCT/DE99/01540

(22) **25 May/mai 1999 (25.05.1999)**

(25) de (26) de

(30) 198 43 978.4 **24 Sep/sep 1998** DE **(24.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • DEVICE FOR PRODUCING ELECTRIC SUB–ASSEMBLIES
• DISPOSITIF DE PRODUCTION D'ENSEMBLES ELECTRIQUES

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MEHDIANPOUR, Mohammad** [IR/DE]; Heltauer Strasse 39, D–81829 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) CN JP KR US; 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] **H05K 13/04**

(11) **WO 00/19797** (13) A1

(21) PCT/DE99/02802

(22) **3 Sep/sep 1999 (03.09.1999)**

(25) de (26) de

(30) 198 44 662.4 **29 Sep/sep 1998** DE **(29.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND DEVICE FOR FEEDING TAPED COMPONENTS
• PROCEDE ET DISPOSITIF D'ALIMENTATION DE COMPOSANTS SUR BANDE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).

(72) **GRASMÜLLER, Hans–Horst**; Kapellenstrasse 4, D–82291 Mammendorf (DE). **STANZL, Harald**; Hunkelestrasse 7, D–81476 München (DE).

(81) CN JP KR SG; 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] **H05K 13/04**

(11) **WO 00/19798** (13) A1

(21) PCT/DE99/03032

(22) **22 Sep/sep 1999 (22.09.1999)**

(25) de (26) de

(30) 198 44 461.3 **28 Sep/sep 1998** DE **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • HANDLING AND ASSEMBLY PROTECTIVE COVER
• PROTECTION POUR LA MANIPULATION ET LE MONTAGE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WINTERER, Jürgen** [DE/DE]; Brünndlesweg 4, D–90451 Nürnberg (DE). **STADLER, Bernd** [DE/DE]; Gregor–Mendel–Str. 8, D–93093 Donaustauf (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D–80506 München (DE).

(81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)[6] **H05K 13/04**

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(21) PCT/JP99/05121

(22) **21 Sep/sep 1999 (21.09.1999)**

(25) ja (26) ja

(30) 10/271916 **25 Sep/sep 1998** JP **(25.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD AND APPARATUS FOR MOUNTING COMPONENT
• PROCEDE ET APPAREIL 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) **OKADA, Takeshi** [JP/JP]; 4–514, Nishiekimae–cho, Ibaraki–shi, Osaka 567–0032 (JP). **MOGI, Seiichi** [JP/JP]; 3–4–402, Kasuga–cho, Izumiotsu–shi, Osaka 595–0061 (JP). **OTA, Hiroshi** [JP/JP]; Nakayama–haitsu 101, 13–13, Suehiro–cho, Kadoma–shi, Osaka 571–0030 (JP). **HONKAWA, Hirokazu** [JP/JP]; Abuyama–10bangai 4–406, 4–21, Nasahara, Takatsuki–shi, Osaka 569–1041 (JP). **SENO, Makito** [JP/JP]; 1–6–24, Kuzuhaasahi, Hirakata–shi, Osaka 573–1111 (JP). **SAKURAI, Kunio** [JP/JP]; 27–1–303, Higashitoyonaka–cho, Toyonaka–shi, Osaka 560–0003 (JP). **TAKANO, Ken** [JP/JP]; 16–1, Miyamae–cho, Kadoma–shi, Osaka 571–0074 (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) CN JP KR SG US; 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] **H05K 13/08**

(11) **WO 00/19800** (13) A1

(21) PCT/DE99/02781

(22) **2 Sep/sep 1999 (02.09.1999)**

(25) de (26) de

(30) 198 44 456.7 **28 Sep/sep 1998** DE **(28.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR DETECTING THE POSITION OF COMPONENTS PLACED ON A SUBSTRATE BY A PICK–AND–PLACE ROBOT
• PROCEDE DE RECONNAISSANCE DE LA POSITION DE COMPOSANTS POSES SUR UN SUBSTRAT PAR UNE MACHINE A POSER DES COMPOSANTS

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).

(72) **SALOMON, Werner**; Dr. Von–Daller Strasse 57, D–85356 Freising (DE). **PRITTMANN, Jochen**; Saarbrückerstrasse 9, D–81379 München (DE). **GRASMÜLLER, Hans–Horst**; Kapellenstrasse 4, D–82291 Mammendorf (DE).

(81) CN JP KR SG; 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] **H05K 13/08**

(11) **WO 00/19801** (13) A1

(21) PCT/DE99/02782

(22) **2 Sep/sep 1999 (02.09.1999)**

(25) de (26) de

(30) 198 45 110.5 **30 Sep/sep 1998** DE **(30.09.1998)**

(43) 6 Apr/avr 2000 (06.04.2000)

(54) • METHOD FOR CONTROLLING SEQUENTIAL MACHINE PROCESSES
• PROCEDE DE COMMANDE DE PROCESSUS SUCCESSIFS EFFECTUES PAR UNE MACHINE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).

(72) **HUBER, Wolfgang**; Kleinstr. 45, D–81379 München (DE). **HAAS, Gerhard**; Ringstr. 52, D–85764 Oberschleißheim (DE). **PRÜFER, Martin**; Aidenbachstr. 111, D–81379 München (DE).

(81) CN JP KR SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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