SECTION I

PUBLISHED INTERNATIONAL APPLICATIONS

DEMANDES INTERNATIONALES PUBLIÉES

(11) **WO 98/21924** (13) A2

(21) PCT/SE98/00421

(22) **10 Mar/mar 1998 (10.03.1998)**

(25) sv (26) en

(31) 9700897–3 (32) **13 Mar/mar 1997 (13.03.1997)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51) Not classified / non classée

(54) CONTROL EQUIPMENT FOR AN ACTIVE FILTER
EQUIPEMENT DE COMMANDE POUR FILTRE ACTIF

(71) **ASEA BROWN BOVERI AB** [SE/SE]; S–721 83 Västerås (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GÖRANSSON, Tor** [SE/SE]; Föreningsgatan 53, S–211 52 Malmö (SE). **NILSSON, Henrik** [SE/SE]; Västra Rönneholmsvägen 36 B, S–217 41 Malmö (SE). **ÅBERG, Anders** [SE/SE]; Ponnyvägen 1, S–245 38 Staffanstorp (SE).

(74) **LUNDBLAD VANNESJÖ, Katarina** et al. / etc.; Asea Brown Boveri AB, Patent, S–721 78 Västerås (SE).

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

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(11) **WO 98/21925** (13) A2

(21) PCT/US97/19761

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 60/030,075 (32) **4 Nov/nov 1996 (04.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51) Not classified / non classée

(54) METHOD FOR MAKING A SINUSOIDAL TEST OBJECT
PROCEDE DE FABRICATION D'UNE MIRE SINUSOIDALE

(71, 72) **LAMBERTS, Robert, L.** [US/US]; 236 Henderson Drive, Penfield, NY 14526 (US).

(74) **FLECKENSTEIN, Lee** et al. / etc.; Nixon, Hargrave, Devans & Doyle LLP, Clinton Square, P.O. Box 1051, Rochester, NY 14603 (US).

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

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(11) **WO 98/21926** (13) A1

(21) PCT/US97/21030

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/755,384 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01B 79/00

(54) AUTOMATIC IDENTIFICATION OF FIELD BOUNDARIES IN A SITE–SPECIFIC FARMING SYSTEM
IDENTIFICATION AUTOMATIQUE DES LIMITES D'UN CHAMP DANS UN SYSTEME D'EXPLOITATION AGRICOLE SPECIFIQUE A UN SITE

(71) **CASE CORPORATION** [US/US]; 700 State Street, Racine, WI 53404 (US).

(72) **HALE, George, H.**; 314 Meadow Green Drive, Naperville, IL 60565 (US). **WENDTE, Keith, W.**; 12 South 612 Knoeble Drive, Lemont, IL 60439 (US).

(74) **SAXE, Bernhard, D.** et al. / etc.; Foley & Lardner, 35th floor, 777 E. Winconsin Avenue, Milwaukee, WI 53202 (US).

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

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(11) **WO 98/21927** (13) A1

(21) PCT/US97/21031

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/754,926 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01B 79/00, G01C 21/20

(54) PANNING DISPLAY OF GPS FIELD MAPS
AFFICHAGE PANORAMIQUE DE CARTES AGRICOLES GPS

(71) **CASE CORPORATION** [US/US]; 700 State Street, Racine, WI 53404 (US).

(72) **HALE, George, H.**; 314 Meadow Green Drive, Naperville, IL 60565 (US). **WENDTE, Keith, W.**; 12 South 612 Knoeble Drive, Lemont, IL 60439 (US). **HAACK, Paul, W.**; 995 Nottingham Lane, Crystal Lake, IL 60014 (US).

(74) **SAXE, Bernhard, D.** et al. / etc.; Foley & Lardner, 35th floor, 777 E. Wisconsin Avenue, Milwaukee, WI 53202 (US).

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

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(11) **WO 98/21928** (13) A1

(21) PCT/US97/21033

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/754,905 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01B 79/00

(54) AUTOMATIC SCALING OF GPS FIELD MAPS
MISE A L'ECHELLE AUTOMATIQUE DE CARTES AGRICOLES GPS

(71) **CASE CORPORATION** [US/US]; 700 State Street, Racine, WI 53404 (US).

(72) **HALE, George, H.**; 314 Meadow Green Drive, Naperville, IL 60565 (US). **WENDTE, Keith, W.**; 12 South 612 Knoeble Drive, Lemont, IL 60439 (US). **HAACK, Paul, W.**; 995 Nottingham Lane, Crystal Lake, IL 60014 (US).

(74) **SAXE, Bernhard, D.** et al. / etc.; Foley & Lardner, 35th floor, 777 E. Wisconsin Avenue, Milwaukee, WI 53202 (US).

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

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(11) **WO 98/21929** (13) A1

(21) PCT/US97/21035

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/755,278 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01B 79/00

(54) SCOUTING SYSTEM FOR AN AGRICULTURAL FIELD
SYSTEME DE PROSPECTION D'UNE TERRE AGRICOLE

(71) **CASE CORPORATION** [US/US]; 700 State Street, Racine, WI 53404 (US).

(72) **HALE, George, H.**; 314 Meadow Green Drive, Naperville, IL 60565 (US). **WENDTE, Keith, W.**; 12 South 612 Knoeble Drive, Lemont, IL 60439 (US).

(74) **SAXE, Bernhard, D.** et al. / etc.; Foley & Lardner, 35th floor, 777 E. Winconsin Avenue, Milwaukee, WI 53202 (US).

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

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(11) **WO 98/21930** (13) A1

(21) PCT/US97/21039

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/755,205 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01B 79/00, G01C 21/20

(54) GLOBAL POSITION CORRECTION FOR THE ELECTRONIC DISPLAY OF FIELD MAPS
CORRECTION D'UN SYSTEME DE POSITIONNEMENT GLOBAL POUR L'AFFICHAGE ELECTRONIQUE DE CARTES AGRICOLES

(71) **CASE CORPORATION** [US/US]; 700 State Street, Racine, WI 53404 (US).

(72) **HALE, George, H.**; 314 Meadow Green Drive, Naperville, IL 60565 (US). **WENDTE, Keith, W.**; 12 South 612 Knoeble Drive, Lemont, IL 60439 (US). **HAACK, Paul, W.**; 995 Nottingham Lane, Crystal Lake, IL 60014 (US).

(74) **SAXE, Bernhard, D.** et al. / etc.; Foley & Lardner, 35th floor, 777 E. Winconsin Avenue, Milwaukee, WI 53202 (US).

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

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(11) **WO 98/21931** (13) A1

(21) PCT/US97/21043

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/755,167 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01B 79/00

(54) HEIGHT CONTROL OF AN AGRICULTURAL TOOL IN A SITE–SPECIFIC FARMING SYSTEM
REGLAGE EN HAUTEUR D'UN OUTIL AGRICOLE DANS UN SYSTEME AGRICOLE PROPRE A UN SITE

(71) **CASE CORPORATION** [US/US]; 700 State Street, Racine, WI 53404 (US).

(72) **HALE, George, H.**; 314 Meadow Green Drive, Naperville, IL 60565 (US). **WENDTE, Keith, W.**; 12 South 612 Knoeble Drive, Lemont, IL 60439 (US). **ORBACH, Abraham**; 400 Prairie Knoll Drive, Naperville, IL 60505 (US).

(74) **SAXE, Bernhard, D.** et al. / etc.; Foley & Lardner, 35th floor, 777 E. Winconsin Avenue, Milwaukee, WI 53202 (US).

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

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(11) **WO 98/21932** (13) A1

(21) PCT/FR96/01818

(22) **19 Nov/nov 1996 (19.11.1996)**

(25) fr (26) fr

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01C 7/00

(54) METHOD FOR SOWING MERISTEMATIC TISSUES
PROCEDE POUR SEMER DES TISSUS MERISTEMATIQUES

(71) **RHONE–POULENC AGROCHIMIE** [FR/FR]; 14–20, rue Pierre Baizet, F–69009 Lyon (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DUCOS, Jean–Paul** [FR/FR]; 1, allée Trianon, F–37100 Tours (FR). **FLORIN, Bruno** [FR/FR]; 10, rue du Docteur Trousseau, F–37540 Saint Cyr sur Loire (FR). **CHENEVOTOT, Denis** [FR/FR]; Ferme du Mesnil, 17, avenue Lucien Clause, F–91221 Bretigny sur Orge (FR). **DUPUIS, Jean–Marc** [FR/FR]; 11, chemin de Montpellas, F–69009 Lyon (FR).

(74) **CHRETIEN, François**; Rhône–Poulenc Agrochimie, Boîte postale 9163, F–69263 Lyon Cedex 09 (FR).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU IL IS JP KP KR LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TR TT UA US UZ VN; AP (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21933** (13) A1

(21) PCT/US97/20796

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/751,627 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01D 46/28

(54) PIVOTLESS MECHANICAL CROP HARVESTER
RECOLTEUSE MECANIQUE A FONCTIONNEMENT SANS PIVOTEMENT

(71) **FMC CORPORATION** [US/US]; 200 East Randolph Drive, Chicago, IL 60601 (US).

(72) **SCOTT, Phillip, Ray**; 29846 Corral Court North, Coarsegold, CA 93614 (US). **ORLANDO, Franklin, Paul**; 14625 Country Lane, Morgan Hill, CA 95037 (US). **SCHULTZ, Dennis, Raymond**; 604 Schnoor Street, Madera, CA 93637 (US).

(74) **CALDWELL, John, W.**; Woodcock Washburn Kurtz Mackiewicz & Norris LLP, 46th floor, One Liberty Place, 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21934** (13) A2

(21) PCT/IL97/00378

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 119642 (32) **19 Nov/nov 1996 (19.11.1996)** (33) IL

(31) 120982 (32) **3 Jun/juin 1997 (03.06.1997)** (33) IL

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01G

(54) POLLINATION OF CROP PLANTS BY BUMBLEBEES
POLLINISATION DE PLANTES DE CULTURE AU MOYEN DE BOURDONS

(71) **POLLINATION SERVICES YAD–MORDECHAI** [IL/IL]; Kibbutz Yad–Mordechai, 79145 Mobile Post Hof Ashkelon (IL). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MAN, Yanai** [IL/IL]; Kibbutz Yad–Mordechai, 79145 Mobile Post Hof Ashkelon (IL). **EINAV, Amit** [IL/IL]; Kibbutz Yad–Mordechai, 79145 Mobile Post Hof Ashkelon (IL). **WEIL, Dan** [IL/IL]; Kibbutz Yad–Mordechai, 79145 Mobile Post Hof Ashkelon (IL).

(74) **COLB, Sanford, T.** et al. / etc.; Sanford T. Colb & Co., P.O. Box 2273, 76122 Rehovot (IL).

(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 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 (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21935** (13) A2

(21) PCT/NZ97/00157

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 299783 (32) **19 Nov/nov 1996 (19.11.1996)** (33) NZ

(31) 328780 (32) **18 Sep/sep 1997 (18.09.1997)** (33) NZ

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01G

(54) PLANT TREATMENT MATERIAL AND METHOD
MATIERE DESTINEE AU TRAITEMENT DES VEGETAUX ET PROCEDE S'Y RAPPORTANT

(71, 72) **TOYE, Jonathan, Dallas** [NZ/NZ]; Old Railway Road, Kumeu, Auckland (NZ).

(74) **ROGERS, Karl, Malcolm** et al. / etc.; Russell McVeagh West–Walker, The Todd Building, Level 7, 171–177 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 GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21936** (13) A1

(21) PCT/DE97/02694

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) de (26) de

(31) 296 20 294.0 (32) **21 Nov/nov 1996 (21.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01G 13/02

(54) DEVICE FOR LAYING FOIL–LIKE OR SHEET–LIKE TYPE MATERIAL, SPECIALLY STRIP–LIKE MATERIAL ON THE GROUND
DISPOSITIF SERVANT A FIXER SUR LE SOL UN MATERIAU DU TYPE FEUILLE OU NAPPE, EN PARTICULIER EN FORME DE BANDE

(71, 72) **KRINNER, Klaus** [DE/DE]; Blumenthal 19, D–94342 Straßkirchen (DE).

(74) **KUHNEN, WACKER & PARTNER**; Alois–Steinecker–Strasse 22, D–85354 Freising (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21937** (13) A1

(21) PCT/US97/21144

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 60/031,036 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 08/879,921 (32) **20 Jun/juin 1997 (20.06.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01G 25/09, A01C 3/06, 7/06, 17/00, 19/00, 23/00

(54) SYNCHRONIZED APPLICATION OF ONE OR MORE MATERIALS TO A SURFACE FROM A VEHICLE
APPARREIL ET SYSTEME D'APPLICATION SYNCHRONISEE D'UN OU PLUSIEURS MATERIAUX SUR UNE SURFACE A PARTIR D'UN VEHICULE ET COMMANDE D'UN DISPOSITIF DE DENEIGEMENT A POSITION VARIABLE MONTE SUR UN VEHICLE

(71, 72) **DOHERTY, John, A.** [US/US]; 829 St. Andrews Lane, Louisville, CO 80027 (US).

(72) **KALBFLEISCH, Charles, A.**; 5 Deer Trail Road, Boulder, CO 80302 (US).

(74) **WAHL, John, R.** et al. / etc.; Holland & Hart LLP, Suite 3200, 555 17th Street, P.O. Box 8749, Denver, CO 80201–8749 (US).

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

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(11) **WO 98/21938** (13) A1

(21) PCT/US97/21336

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 60/031,040 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 60/061,328 (32) **8 Oct/oct 1997 (08.10.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01H 5/00, C07K 14/415, 16/16, C12N 1/13, 1/21, 5/10, 15/29, 15/64, 15/82

(54) GLUTATHIONE–S–CONJUGATE TRANSPORT IN PLANTS
TRANSPORT INDUIT PAR DES CONJUGUES S DE GLUTATHION DANS DES VEGETAUX

(71) **THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA** [US/US]; Suite 300, 3700 Market Street, Philadelphia, PA 19104–3147 (US).

(72) **REA, Philip, A.**; 2941 Berkley Road, Ardmore, PA 19003 (US). **LU, Yu–Ping**; 2403 Manor Avenue, Havertown, PA 19083 (US). **LI, Ze–Sheng**; Apartment 3A, 211 Lazaretto Road, Prospect Park, PA 19076 (US).

(74) **LEARY, Kathryn** et al. / etc.; Panitch Schwarze Jacobs & Nadel, P.C., One Commerce Square, 22nd floor, 2005 Market Street, Philadelphia, PA 19103–7086 (US).

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

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(11) **WO 98/21939** (13) A1

(21) PCT/EP97/06217

(22) **8 Nov/nov 1997 (08.11.1997)**

(25) de (26) de

(31) 296 20 197.9 (32) **20 Nov/nov 1996 (20.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01K 15/00, 29/00

(54) COMMUNICATING DEVICE FOR HUMAN BEINGS AND ANIMALS
DISPOSITIF DE COMMUNICATION ENTRE UN ETRE HUMAIN ET UN ANIMAL

(71, 72) **BAUMANN, Karola** [DE/DE]; Im Grund 89, D–40474 Düsseldorf (DE). **DE KAART, Adrian** [NL/DE]; Im Grund 74, D–40474 Düsseldorf (DE). **HODALI, William** [DE/DE]; Lessingstrasse 10, D–40227 Düsseldorf (DE).

(74) **HILLERINGMANN, Jochen** et al. / etc.; Bahnhofsvorplatz 1, (Deichmannhaus), D–50667 Köln (DE).

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

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(11) **WO 98/21940** (13) A1

(21) PCT/FR97/02088

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) fr (26) fr

(31) 96/14716 (32) **21 Nov/nov 1996 (21.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01K 15/02, 27/00

(54) DEVICE FOR TRAINING AN ANIMAL ON THE LEASH
DISPOSITIF POUR L'EDUCATION D'UN ANIMAL TENU EN LAISSE

(71) **ETS DYNAVET S.A.R.L.** [FR/FR]; 51, rue Chappe, F–63100 Clermont–Ferrand (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANDRE, Max** [FR/FR]; 1, avenue de Villars, F–63400 Chamalières (FR). **AUBRY, Xavier** [FR/FR]; 1, rue d'Assas, F–63400 Chamalières (FR).

(74) **CABINET CHANET JACQUES**; 56, avenue de Royat, Boîte postale 27, F–63401 Chamalières Cedex (FR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21941** (13) A1

(21) PCT/JP97/04238

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) ja (26) ja

(31) 8/312127 (32) **22 Nov/nov 1996 (22.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01K 89/01

(54) FACE GEAR FOR SPINNING REEL
ENGRENAGE DE CHAMP POUR CYLINDRE D'ENROULEMENT

(71) **SHIMANO INC.** [JP/JP]; 77, Oimatsu–cho 3–cho, Sakai–shi, Osaka 590 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HITOMI, Yasuhiro** [JP/JP]; 3–8–1, Kimigaoka, Hashimoto–shi, Wakayama–ken 648 (JP).

(74) **ONO, Yukio**; Ohtemae Century Building, 5–13, Katamachi 1–chome, Miyakojima–ku, Osaka–shi, Osaka 534 (JP).

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

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(11) **WO 98/21942** (13) A1

(21) PCT/IB97/01437

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 2878/96 (32) **21 Nov/nov 1996 (21.11.1996)** (33) CH

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01K 89/016

(54) FISHING REEL FOR FLY–FISHING
MOULINET POUR PECHE A LA MOUCHE

(71, 72) **NYDEGGER, Francis** [CH/CH]; Via Industria, 41, CH–6512 Giubiasco (CH).

(74) **FIAMMENGHI–DOMENIGHETTI, Delfina**; Fiammenghi–Fiammenghi, Via San Gottardo, 15, CH–6900 Lugano (CH).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21943** (13) A1

(21) PCT/AU97/00782

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) PO 3705 (32) **18 Nov/nov 1996 (18.11.1996)** (33) AU

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01M 21/04, A01B 39/18, G01J 3/50, G01N 21/27

(54) VEGETATION RECOGNITION SYSTEM
SYSTEME DE RECONNAISSANCE DE LA VEGETATION

(71) **THE RESEARCH FOUNDATION INSTITUTE PTY. LIMITED** [AU/AU]; Suite 12, Stapleton Arcade, 51 Old Barrenjoey Road, Avalon, NSW 2107 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DUFF, Peter, William** [AU/AU]; 43 Cabarita Road, Avalon, NSW 2107 (AU). **DITTLER, Karl** [AU/AU]; Lot 2, 695 Hodge Street, Albury, NSW 2640 (AU).

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

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

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(21) PCT/US97/21167

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 08/753,212 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01N 1/02, 63/00

(54) METHOD FOR CONVERSION OF BLOOD TYPE
METHODE POUR CONVERTIR LE TYPE SANGUIN

(71) **NEW YORK BLOOD CENTER** [US/US]; 310 E. 67th Street, New York, NY 10021 (US). **ZYMEQUEST, INC.** [US/US]; 30 Massachusetts Avenue, North Andover, MA 01845–3499 (US).

(72) **GOLDSTEIN, Jack**; 450 E. 63rd Street, New York, NY 10021 (US). **LENNY, Leslie**; 117 Jewel Street, Brooklyn, NY 11222 (US). **HURST, Rosa**; 21 Devon Place, Staten Island, NY 10301 (US).

(74) **MURNANE, John, D.** et al. / etc.; Baker & Botts, LLP, 30 Rockefeller Plaza, New York, NY 10112–0228 (US).

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

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(11) **WO 98/21945** (13) A1

(21) PCT/US97/21514

(22) **24 Nov/nov 1997 (24.11.1997)**

(25) en (26) en

(31) 08/754,859 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01N 25/00, 57/10, 59/14, A61K 9/127

(54) AGRICULTURAL PESTICIDE FORMULATIONS
FORMULATIONS DE PESTICIDES AGRICOLES

(71) **AGRI–TEK, INC.** [US/US]; 6662 Morganton Road, P.O. Box 180, Greenback, TN 37742 (US).

(72) **MILNE, Christopher, G.**; 6656 Morganton Road, Greenback, TN 37742 (US). **SHELBY, Paulus, P., Jr.**; 3115–B Marion Drive, Knoxville, TN 37918 (US).

(74) **MARKVA, Neil, F.**; 8322–A Traford Lane, Springfield, VA 22152 (US).

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

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(11) **WO 98/21946** (13) A1

(21) PCT/US97/20957

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/751,590 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01N 33/12, 65/00, 43/16, 47/40

(54) COMPOSITION AND TREATMENT FOR PERSISTENT REPRODUCTIVE TRANSITION SYMPTOMS
COMPOSITION ET TRAITEMENT DES SYMPTOMES DE TRANSITION REPRODUCTIVE PERSISTANTE

(71) **INTERNUTRIA, INC.** [US/US]; 550 Cochituate Road, Box 18, Framingham, MA 01701 (US).

(72) **WURTMAN, Judith, J.**; Heritage on the Garden, 300 Boylston Street #1205, Boston, MA 02116 (US). **LEPENE, Lewis, D.**; 40 Battery Street, Townhouse 10, Boston, MA 02109 (US).

(74) **VILLACORTA, Gilberto, M.** et al. / etc.; Pepper Hamilton LLP, 1300 Nineteenth Street, NW, Washington, DC 20036–1685 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21947** (13) A1

(21) PCT/US97/20964

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/751,591 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01N 33/12, 65/00, 43/16, 47/40

(54) COMPOSITIONS AND TREATMENT FOR NIGHTTIME PERSISTENT REPRODUCTIVE TRANSITION SYMPTOMS
COMPOSITION DESTINEE AU TRAITEMENT DE SYMPTOMES NOCTURNES DE TRANSITION REPRODUCTIVE PERSISTANTE

(71) **INTERNUTRIA, INC.** [US/US]; 550 Cochituate Road, Box 18, Framingham, MA 01701 (US).

(72) **WURTMAN, Judith, J.**; Heritage on the Garden, 300 Boylston Street #1205, Boston, MA 02116 (US). **LEPENE, Lewis, D.**; 40 Battery Street, Townhouse 10, Boston, MA 02109 (US).

(74) **VILLACORTA, Gilberto, M.** et al. / etc.; Lowe, Price, LeBlanc & Becker, Suite 300, 99 Canal Center Plaza, 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21948** (13) A1

(21) PCT/US97/21089

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/753,021 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(31) 08/859,872 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01N 35/00, A61K 7/42, 31/12, 31/20

(54) SELF TANNING COMPOSITIONS CONTAINING DHA AND ALPHA HYDROXY ACIDS
COMPOSITIONS AUTOBRONZANTES CONTENANT DE LA DHA ET DES ACIDES ALPHA–HYDROXYLES

(71) **E–L MANAGEMENT CORPORATION** [US/US]; 767 Fifth Avenue, New York, NY 10153 (US).

(72) **LENTINI, Peter, J.**; 17–26 215th Street, Bayside, NY 11360 (US). **TCHINNIS, Paul**; 12 Lake Drive, Copiague, NY 11726 (US). **MUIZZUDDIN, Neelam**; 405 Boundary Avenue, Bethpage, NY 11714 (US).

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

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

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(11) **WO 98/21949** (13) A1

(21) PCT/IL97/00366

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 119661 (32) **20 Nov/nov 1996 (20.11.1996)** (33) IL

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01N 37/00, A61K 31/20

(54) MEDICAL USE OF COMPOSITION COMPRISING FATTY ACIDS
UTILISATION MEDICALE D'UNE COMPOSITION CONTENANT DES ACIDES GRAS

(71, 72) **YEHUDA, Shlomo** [IL/IL]; Beeri Street 17, 64232 Tel Aviv (IL).

(74) **DAVIS, Stanley, J.**; Jeremy M. Ben–David & Co., Har Hotzvim Hi–Tech Park, P.O. Box 45087, 91450 Jerusalem (IL).

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

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(11) **WO 98/21950** (13) A1

(21) PCT/JP97/04015

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) ja (26) ja

(31) 8/326208 (32) **21 Nov/nov 1996 (21.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01N 37/10, 37/28, 43/08, 43/76

(54) METHOD FOR PREVENTING OR CONTROLLING VIRAL DISEASES OF PLANTS
PROCEDE PERMETTANT DE PREVENIR OU DE FREINER LA PROGRESSION DE MALADIES VIRALES CHEZ LES VEGETAUX

(71) **PLANT BIOLOGICAL DEFENSE SYSTEM LABORATORIES** [JP/JP]; 1962, Ooaza–Sone, Nishikawa–machi, Nishikanbara–gun, Niigata 959–04 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIYAZAWA, Jun** [JP/JP]; Plant Biological Defense System Laboratories, 1962, Ooaza–Sone, Nishikawa–machi, Nishikanbara–gun, Niigata 959–04 (JP).

(74) **SUDO, Masahiko**; Muromachi Saito Building, 4F, 13–4, Nihonbashi–Muromachi 1–chome, Chuo–ku, Tokyo 103 (JP).

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

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(11) **WO 98/21951** (13) A1

(21) PCT/US97/14676

(22) **20 Aug/Août 1997 (20.08.1997)**

(25) en (26) en

(31) 60/031,356 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 60/049,691 (32) **16 Jun/juin 1997 (16.06.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01N 37/18, 37/02, A61K 31/165

(54) METHODS AND COMPOSITIONS FOR INDUCING ORAL TOLERANCE IN MAMMALS
PROCEDE ET COMPOSITION POUR INDUIRE UNE TOLERANCE ORALE CHEZ LES MAMMIFERES

(71) **EMISPHERE TECHNOLOGIES, INC.** [US/US]; 15 Skyline Drive, Hawthorne, NY 10532 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAAS, Susan** [US/US]; 19 Darby Road, Monsey, NY 10952 (US). **MILSTEIN, Sam, J.** [US/US]; 42 Kane Avenue, Larchmont, NY 10538 (US).

(74) **STIEFEL, Maurice, B.** et al. / etc.; Bryan Cave LLP, 27th floor, 245 Park Avenue, New York, NY 10167 (US).

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

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(11) **WO 98/21952** (13) A1

(21) PCT/US97/21126

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 60/031,595 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01N 37/18, 38/00, 38/14, 38/16

(54) REDUCING AGENT FOR REDUCTIVE ALKYLATION OF GLYCOPEPTIDE ANTIBIOTICS
AGENT REDUCTEUR POUR ALKYLATION REDUCTRICE D'ANTIBIOTIQUES GLYCOPEPTIDIQUES

(71) **ELI LILLY AND COMPANY** [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERGLUND, Richard, A.** [US/US]; 4208 Oak Hill Drive, Lafayette, IN 47905 (US). **ZHENG, Hua** [CN/US]; 1404 Patomic Avenue, Lafayette, IN 47905 (US).

(74) **PAGE, Kathleen, R., S.** et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (US).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21953** (13) A1

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(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 08/754,605 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01N 37/18, A61K 38/00, 38/16, A23D 7/00, 9/00, A23G 3/00, A23J 1/00, A23L 1/30, 2/00, A23K 1/175, B01F 15/02, G05D 11/00

(54) IMPROVED LIQUID NUTRITIONAL SUPPLEMENT AND ASEPTIC PROCESS FOR MAKING SAME
SUPPLEMENT NUTRITIONNEL LIQUIDE AMELIORE ET PROCEDE ASEPTIQUE DE PREPARATION DUDIT SUPPLEMENT

(71) **CROWN LABORATORIES, INC.** [US/US]; 6780 Caballo Street, Las Vegas, NV 89119 (US).

(72) **NASH, Scott, Oldham**; 678 Cervantes Drive, Henderson, NV 89014 (US). **NASH, Craig, Emery**; Apartment 234, 230 E. Flamingo Road, Las Vegas, NV 89109 (US). **PARK, Peter, S., W.**; 1985 Waverly Circle, Henderson, NV 89014 (US).

(74) **WALDBAUM, Maxim, H.**; Fried, Frank, Harris, Shriver & Jacobson, One New York Plaza, New York, NY 10004 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21954** (13) A1

(21) PCT/US97/21300

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 08/754,416 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01N 37/40, C11D 3/00 // (A01N 37/40, 25:16)

(54) FOAM CLEANING COMPOSITIONS
COMPOSITIONS MOUSSANTES DE NETTOYAGE

(71) **COLGATE–PALMOLIVE COMPANY** [US/US]; 300 Park Avenue, New York, NY 10022 (US).

(72) **ZOCCHI, Germaine**; 81, rue du Village, B–4161 Villers–aux–Tours (BE). **FONSNY, Pierre**; 5, sur les Trixhes, B–4910 Fays (BE).

(74) **NANFELDT, Richard, E.**; Colgate–Palmolive Company, 909 River Road, Piscataway, NJ 08855–1343 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21955** (13) A1

(21) PCT/US97/21357

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/753,161 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01N 37/40, 25/16, 31/04, 53/00, C11D 3/00 // (A01N 37/40, 25:16) (A01N 31/04, 26:16) (A01N 53/00, 25:16)

(54) FOAM CLEANING COMPOSITIONS
COMPOSITIONS DE NETTOYAGE EN MOUSSE

(71) **COLGATE–PALMOLIVE COMPANY** [US/US]; 300 Park Avenue, New York, NY 10022 (US).

(72) **FONSNY, Pierre**; Sur les Trixhes 5, B–4910 Fays (BE). **ZOCCHI, Germaine**; 81, rue du Village, B–4161 Villers–aux–Tours (BE).

(74) **NANFELDT, Richard, E.**; Colgate–Palmolive Company, 909 River Road, Piscataway, NJ 08855–1343 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21956** (13) A1

(21) PCT/US97/21474

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 60/031,368 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01N 43/08, A61K 31/34

(54) HEREGULIN ANTAGONISTS AND METHODS FOR THEIR USE
ANTAGONISTES D'HEREGULINE ET LEURS PROCEDES D'UTILISATION

(63) US 60/031,368 (CIP)
19 Nov/nov 1996 (19.11.1996)

(71) **GEORGETOWN UNIVERSITY** [US/US]; Office of University Counsel, 37th and O Street N.W., Box 571246, Washington, DC 20057 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **YANG, Dajun** [CN/US]; Georgetown University Medical Center, Lombardi Cancer Center, 3970 Reservoir Road N.W., Washington, DC 20007 (US). **WANG, Shaomeng** [CN/US]; Unit 309, 7640 Tremayne Place, McLean, VA 22102 (US).

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

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

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(11) **WO 98/21957** (13) A1

(21) PCT/US97/21019

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 60/031,467 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(31) 9702823.7 (32) **12 Feb/fév 1997 (12.02.1997)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01N 43/58, 43/54, 43/42, 43/40, C07D 401/00, 239/00, 239/02, 215/00, 215/12, 413/00, 401/04, 401/14

(54) TRIARYL SUBSTITUTED IMIDAZOLES, COMPOSITIONS CONTAINING SUCH COMPOUNDS AND METHODS OF USE
IMIDAZOLES A SUBSTITUTION TRIARYLE, COMPOSITIONS RENFERMANT DE TELS COMPOSES ET MODES D'UTILISATION

(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) **CHANG, Linda, L.** [CA/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).

(74) **MERCK & CO., INC.**; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE HU ID IL 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 UA US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21958** (13) A1

(21) PCT/US97/18466

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 60/031,914 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01N 43/60, 43/64, A61K 31/45, 31/495

(54) NEFAZODONE: USE IN TREATING POST TRAUMATIC STRESS DISORDER
UTILISATION DE LA NEFAZODONE POUR LE TRAITEMENT DE TROUBLE DE STRESS POST–TRAUMATIQUE

(71) **BRISTOL–MYERS SQUIBB COMPANY** [US/US]; 5 Research Parkway, Wallingford, CT 06492 (US).

(72) **MARCUS, Ronald, N.**; 99 West Meadow Road, Hamden, CT 06518 (US). **MARTINI, Brenda**; 94 Vernon Street, Hamden, CT 06518 (US).

(74) **RYAN, Richard, P.**; Bristol–Myers Squibb Company, 5 Research Parkway, Wallingford, CT 06492 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21959** (13) A1

(21) PCT/FR97/02102

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) fr (26) fr

(31) 96/14287 (32) **22 Nov/nov 1996 (22.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01N 43/90, C09D 5/16

(54) USE OF ASCIDIDEMIN AND DERIVATIVES IN BIOLOGICAL ANTISOILING COMPOSITIONS
UTILISATION DE L'ASCIDIDEMINE ET DERIVES DANS DES COMPOSITIONS ANTISALISSURES BIOLOGIQUES

(71) **CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE** [FR/FR]; 3, rue Michel–Ange, F–75794 Paris Cedex 16 (FR).
(for all designated States except / pour tous les États désignés sauf US)

(71) **DEBARD, Witold** (heir of the deceased inventor / héritier de l'inventeur décédé) [FR/FR]; 118, rue Emile Morlot, F–02310 Charly–sur–Marne (FR). **DEBARD, Catherine** (heiress of the deceased inventor / héritière de l'inventeur décédé) [FR/FR]; 24, rue des Fontenelles, F–91230 Sèvres (FR). **DEBARD, Sophie** (heiress of the deceased inventor / héritière de l'inventeur décédé) [FR/FR]; 5, rue Madeleine, F–78220 Viroflay (FR). **DEBARD, Nathalie** (heiress of the deceased inventor / héritière de l'inventeur décédé) [FR/FR]; 118, rue Emile Morlot, F–02310 Charly–sur–Marne (FR).
(only for / seulement pour US)

(72) **DEBARD, Hélène** (deceased / décédé).

(72, 75) **COMBAUT, Georges** [FR/FR]; 22, avenue Alsace–Lorraine, F–66250 Saint Laurent de la Salanque (FR). **BANAIGS, Bernard** [FR/FR]; 12, boulevard Traverse du Village, F–66140 Canet en Roussillon (FR). **FRANCISCO, Christian** [FR/FR]; 5, chemin des Lavandes, F–66350 Toulouges (FR). **COMMEYRAS, Auguste** [FR/FR]; 6, impasse des Ecoles, F–34830 Clapiers (FR).

(74) **DEMACHY, Charles** et al. / etc.; Grosset–Fournier & Demachy S.a.r.l., 103, rue La Fayette, F–75481 Paris Cedex 10 (FR).

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

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(22) **17 Nov/nov 1997 (17.11.1997)**

(25) fr (26) fr

(31) 96118739.0 (32) **22 Nov/nov 1996 (22.11.1996)** (33) EP

(34) AT et al. / etc.

(31) 97/01828 (32) **11 Feb/fév 1997 (11.02.1997)** (33) FR

(31) 97/08059 (32) **20 Jun/juin 1997 (20.06.1997)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01N 47/02, 25/34, 43/56, 25/00, A01M 1/24, 17/00 // (A01N 47/02, 25:34, 25:14, 25:12, 25:04) (A01N 43/56, 25:34, 25:14, 25:12, 25:04)

(54) NOVEL SOLID COMPOSITIONS WITH BASE OF INSOLUBLE CELLULOSE DERIVATIVE AND 1–ARYL–PYRAZOLE DERIVATIVE
NOUVELLES COMPOSITIONS SOLIDES A BASE DE DERIVE CELLULOSIQUE INSOLUBLE ET DE DERIVE DE 1–ARYL–PYRAZOLE

(71) **RHONE–POULENC AGROCHIMIE** [FR/FR]; 1420, rue Pierre Baizet, F–69009 Lyon (FR).

(72) **GRENET, Marc**; 10, Val Fontaine, F–69290 Saint–Genis les Ollières (FR). **KOBAYAKAWA, Masato**; B–201, 724–1, Aoyado, Ami, Inashiki, Ibaraki 300–03 (JP). **NAKAKURA, Norihiko**; A–401, 3–25, Matsushiro, Tsukuba, Ibaraki 305 (JP). **NAKATSUI, Takashi**; Tsukuba 316, 8104–131, Kamigou, Ibaraki 305 (JP). **MAURER, Günther**; Burgunderstrasse 8, D–79395 Neuenburg (DE). **TEUFEL, Eberhard**; Schwarzwaldstrasse 46, D–79194 Gundelfingen (DE).

(74) **TETAZ, Franck**; Rhône–Poulenc Agrochimie, DPI, Boîte postale 9163, F–69263 Lyon Cedex 09 (FR).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU ID IL IS JP KP KR LC LK LR LS LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21961** (13) A1

(21) PCT/IB97/01638

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 96118739.0 (32) **22 Nov/nov 1996 (22.11.1996)** (33) EP

(34) AT et al. / etc.

(31) 97/01828 (32) **11 Feb/fév 1997 (11.02.1997)** (33) FR

(31) 97/08059 (32) **20 Jun/juin 1997 (20.06.1997)** (33) FR

(31) 60/031,684 (32) **22 Nov/nov 1997 (22.11.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01N 47/02, 25/34, 43/56, 25/00, A01M 1/24, 17/00 // (A01N 47/02, 25:34, 25:14, 25:12, 25:04) (A01N 43/56, 25:34, 25:14, 25:12, 25:04)

(54) NOVEL SOLID COMPOSITIONS BASED ON AN INSOLUBLE CELLULOSE DERIVATIVE AND A 1–ARYLPYRAZOLE DERIVATIVE
NOUVELLES COMPOSITIONS SOLIDES COMPRENANT UN DERIVE DE CELLULOSE INSOLUBLE ET UN DERIVE DU 1–ARYLPYRAZOLE

(71) **RHONE–POULENC AGROCHIMIE** [–/FR]; 14–20, rue Pierre Baizet, Boîte postale 9163, F–69263 Lyon Cedex 09 (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GRENET, Marc** [FR/FR]; 10, Val Fontaine, F–69290 Saint–Genis–les–Ollières (FR). **KOBAYAKAWA, Masato** [JP/JP]; B–201, 724–1, Aoyado, Ami, Inashiki, Ibaraki 300–03 (JP). **MAURER, Gunther** [DE/DE]; Burgunderstrasse 8, D–79395 Neuenburg (DE). **NAKAKURA, Norihiko** [JP/JP]; A–401, 3–25, Matsushiro, Tsukuba, Ibaraki 305 (JP). **NAKATSUI, Takashi** [JP/JP]; Tsukuba 316, 8104–131, Kamigou, Tsukuba, Ibaraki 305 (JP). **TEUFEL, Eberhard** [DE/DE]; Schwarzwaldstrasse 46, D–79194 Gundelfingen (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21962** (13) A1

(21) PCT/US97/21219

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 08/752,379 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01N 47/12

(54) SYNERGISTIC ALGAECIDE
ALGOCIDE SYNERGIQUE

(71) **TROY CORPORATION** [US/US]; 8 Vreeland Road, Florham Park, NJ 07932–0955 (US).

(72) **HANSEN, Kurt, L.**; 11 Huntedon Road, West Orange, NJ 07052 (US). **SCHAEUFELE, Peter, J.**; 33 Bear Moutain Road, Ringwood, NJ 07456 (US).

(74) **SKERPON, Joseph, M.** et al. / etc.; Banner & Witcoff, Ltd., 11th floor, 1001 G Street, N.W., Washington, DC 20001–4597 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21963** (13) A1

(21) PCT/US97/21383

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 60/032,019 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01N 47/36, C07D 401/12, 251/52, 239/47, 251/16, 409/12

(54) QUARTERNARY AMMONIUM SALTS AND THEIR USE IN AGRICULTURAL FORMULATIONS
SELS D'AMMONIUM QUATERNAIRE ET LEUR UTILISATION DANS DES FORMULATIONS A USAGE AGRICOLE

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHEN, Chia–Chung** [–/–]; 7F–2, 243, Cheng Hsin Street, Tsaoton, Nantou Hsien (TW). **WYSONG, Robert, D.** [US/US]; 2826 Kennedy Road, Wilmington, DE 19810 (US).

(74) **GREGORY, Theodore, C.**; 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 GE 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 US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21964** (13) A1

(21) PCT/US97/21149

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/746,893 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 60/052,529 (32) **27 Jun/juin 1997 (27.06.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01N 63/00, 63/02, C12N 1/20, C12P 1/04 // (C12N 1/20, C12R 1:125) (C12P 1/04, C12R 1:125)

(54) BIOLOGICAL CONTROL OF PLANT FUNGAL INFECTIONS
LUTTE BIOLOGIQUE CONTRE LES INFECTIONS FONGIQUES DES VEGETAUX

(63) US 08/746,893 (CIP)
18 Nov/nov 1996 (18.11.1996)

(71) **AGRITOPE, INC.** [US/US]; 8505 S.W. Creekside Place, Beaverton, OR 97008–7108 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARRONE, Pamela, Gail** [US/US]; 3333 Victoria, Davis, CA 95616 (US). **HEINS, Sherry, D.** [US/US]; 3110 Oyster Bay, Davis, CA 95616 (US). **MANKER, Denise, C.** [US/US]; 3037 Prado Lane, Davis, CA 95616 (US). **JIMENEZ, Desmond, R.** [US/US]; 9 Pendergast Street, Woodland, CA 95695 (US). **BESTWICK, Richard, K.** [US/US]; 6680 S.W. Canby, Portland, OR 97223 (US). **VANDEMARK, George, J.** [US/MX]; Cinvestav del IPN, Apartado Postal 629, Irapuato, Guanajuato (MX).

(74) **PARK, Freddie, K.** et al. / etc.; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304–1018 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21965** (13) A1

(21) PCT/US97/21239

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/746,891 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 08/789,334 (32) **22 Jan/jan 1997 (22.01.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01N 63/00, 63/02, C12N 1/20, C07G 11/00 // (C12N 1/20, C12R 1:07)

(54) NOVEL STRAIN OF *BACILLUS* FOR CONTROLLING PLANT DISEASE
NOUVELLE SOUCHE DE *BACILLUS* PERMETTANT DE LUTTER CONTRE LES MALADIES DES PLANTES

(63) US 08/789,334 (CON)
22 Jan/jan 1997 (22.01.1997)

(71) **AGRAQUEST, INC.** [US/US]; Suite 4, 1105 Kennedy Place, Davis, CA 95616 (US). **BIODISCOVERY NEW ZEALAND, LTD.** [NZ/NZ]; 197 Atkinson Road, Henderson Station House, Titirangi, Auckland (NZ).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARRONE, Pamela, Gail** [US/US]; 3333 Victoria, Davis, CA 95616 (US). **HEINS, Sherry, D.** [US/US]; 3110 Oyster Bay, Davis, CA 95616 (US). **MANKER, Denise, C.** [US/US]; 3037 Prado Lane, Davis, CA 95616 (US). **JIMENEZ, Desmond, R.** [US/US]; 9 Pendergast Street, Woodland, CA 95695 (US). **CHILCOTT, Chris, N.** [NZ/NZ]; Henderson Station House, 197 Atkinson Road, Titirangi, Auckland (NZ). **WIGLEY, Peter** [NZ/NZ]; 9 Inaka Place, Titirangi, Auckland (NZ). **BROADWELL, Andrew** [US/NZ]; 29 Benfield Road, Mt. Albert, Auckland (NZ).

(74) **PARK, Freddie, K.** et al. / etc.; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304–1018 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21966** (13) A2

(21) PCT/US97/21244

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/746,895 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01N 63/00, 63/02

(54) NOVEL NEMATICIDAL *BACILLUS* STRAIN AND METABOLITE AND METHODS OF USE THEREOF
NOUVELLE SOUCHE DE BACILLE NEMATICIDE, METABOLITE ET PROCEDES D'UTILISATION CORRESPONDANTS

(63) US 08/746,895 (CON)
18 Nov/nov 1996 (18.11.1996)

(71) **AGRAQUEST, INC.** [US/US]; Suite 4, 1105 Kennedy Place, Davis, CA 95616 (US). **UNIVERSITY OF SASKATCHEWAN** [CA/CA]; 117 Science Road, Saskatoon, Saskatchewan S7N 5C8 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARRONE, Pamela, Gail** [US/US]; 3333 Victoria, Davis, CA 95616 (US). **MANKER, Denise, C.** [US/US]; 3037 Prado Lane, Davis, CA 95616 (US). **HEINS, Sherry, D.** [US/US]; 3110 Oyster Bay, Davis, CA 95616 (US). **JIMENEZ, Desmond, R.** [US/US]; 9 Pendergast Street, Woodland, CA 95695 (US). **GERMIDA, James, J.** [US/CA]; 414 Hilliar Street E., Saskatoon, Saskatchewan S7J 0E8 (CA).

(74) **PARK, Freddie, K.** et al. / etc.; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304–1018 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21967** (13) A1

(21) PCT/US97/21323

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/755,060 (32) **22 Nov/nov 1996** (33) US **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01N 63/00, 63/02, 47/28

(54) METHODS FOR CONTROLLING ABOVE–GROUND PLANT DISEASES USING ANTIBIOTIC–PRODUCING STRAINS OF (BACILLUS SP.)
PROCEDES DE LUTTE CONTRE DES MALADIES TOUCHANT LES PARTIES AERIENNES DE PLANTES A L'AIDE DE SOUCHES PRODUCTRICES D'ANTIBIOTIQUES DE *BACILLUS SP.*

(63) US 08/755,060 (CON)
22 Nov/nov 1996 (22.11.1996)

(71) **AGRAQUEST, INC.** [US/US]; Suite 4, 1105 Kennedy Place, Davis, CA 95616 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARRONE, Pamela, Gail** [US/US]; 3333 Victoria, Davis, CA 95616 (US). **HEINS, Sherry, D.** [US/US]; 3110 Oyster Bay, Davis, CA 95616 (US). **JIMENEZ, Desmond, R.** [US/US]; 9 Pendergast Street, Woodland, CA 95695 (US).

(74) **PARK, Freddie, K.** et al. / etc.; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304–1018 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21968** (13) A1

(21) PCT/US97/21148

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/746,893 (32) **18 Nov/nov 1996** (33) US **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A01N 63/02, C07G 11/00 // (A01N 63/02, 63:00, 61:00)

(54) ANTIBIOTIC–PRODUCING STRAIN OF BACILLUS AND METHODS FOR CONTROLLING PLANT DISEASES
SOUCHE DE BACILLUS PRODUCTRICE D'ANTIBIOTIQUE ET PROCEDES DE LUTTE CONTRE DES MALADIES DES PLANTES

(63) US 08/746,893 (CIP)
18 Nov/nov 1996 (18.11.1996)

(71) **AGRAQUEST, INC.** [US/US]; Suite 4, 1105 Kennedy Place, Davis, CA 95616 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARRONE, Pamela, Gail** [US/US]; 3333 Victoria, Davis, CA 95616 (US). **HEINS, Sherry, D.** [US/US]; 3110 Oyster Bay, Davis, CA 95616 (US). **MANKER, Denise, C.** [US/US]; 3037 Prado Lane, Davis, CA 95616 (US). **JIMENEZ, Desmond, R.** [US/US]; 9 Pendergast Street, Woodland, CA 95695 (US).

(74) **PARK, Freddie, K.** et al. / etc.; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304–1018 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21969** (13) A1

(21) PCT/JP97/04167

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) ja (26) ja

(31) 8/311118 (32) **21 Nov/nov 1996** (33) JP **(21.11.1996)**

(31) 9/309046 (32) **11 Nov/nov 1997** (33) JP **(11.11.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A21B 5/00

(54) METHOD OF MANUFACTURING MOLDED BAKED CAKES
PROCEDE POUR FABRIQUER DES GATEAUX CUITS AU FOUR MOULES

(71) **NISSEI KABUSHIKI KAISHA** [JP/JP]; 1–9, Kitahama 2–chome, Chuo–ku, Osaka–shi, Osaka 541 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANDO, Sadamasa** [JP/JP]; 3–14–34, Makiochi, Minoo–shi, Osaka 562 (JP). **KARASAWA, Taizo** [JP/JP]; 1–21–6, Yamatedai, Ibaraki–shi, Osaka 567 (JP). **HARUTA, Toshitaka** [JP/JP]; 1–67–1–405, Minamikuzuha, Hirakata–shi, Osaka 573 (JP). **OZASA, Akio** [JP/JP]; 14, Nishinokyo Nishigekko–cho, Nakagyo–ku, Kyoto–shi, Kyoto 604 (JP). **KURISAKA, Takayuki** [JP/JP]; 1–A22–103, Otokoyama Kouro, Yawata–shi, Kyoto 614 (JP). **OOWADA, Tsutomu** [JP/JP]; 5–5–1–217, Douu–cho, Takatsuki–shi, Osaka 569 (JP). **TANAKA, Shinji** [JP/JP]; 15–21–A206, Nyoze–cho, Takatsuki–shi, Osaka 569 (JP).

(74) **HARA, Kenzo**; Harakenzo Patent Law Firm, Daiwa Minamimorimachi Building, 2–6, Tenjinbashi 2–chome Kita, Kita–ku, Osaka–shi, Osaka 530 (JP).

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

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(11) **WO 98/21970** (13) A1

(21) PCT/EP97/06418

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) de (26) de

(31) 196 48 238.0 (32) **21 Nov/nov 1996** (33) DE **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A21C 3/02

(54) PASTE FORMING DEVICE
DISPOSITIF DE MISE EN FORME DE PATE

(71) **A. FRITSCH GMBH & CO. KG** [DE/DE]; Bahnhofstrasse 27–31, D–97348 Markt Einersheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERNHARDT, Udo** [DE/DE]; Ringsbühlweg 21, D–97346 Iphofen (DE).

(74) **GÖTZ, Georg**; Götz, Küchler & Dameron, Postfach 11 93 40, D–90103 Nürnberg (DE).

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

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(11) **WO 98/21971** (13) A1

(21) PCT/AT97/00254

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) de (26) de

(31) GM 681/96 (32) **20 Nov/nov 1996** (33) AT **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A21C 9/08, 11/02

(54) METHOD FOR THE PRODUCTION OF HONEYCOMB SECTIONS
PROCEDE DE PRODUCTION DE SECTIONS EN NIDS D'ABEILLES

(71) **JOSEF MANNER & COMP. AG** [AT/AT]; Wilhelminenstrasse 6, A–1171 Wien (AT).

(72) **MANNER, Josef sen**; Wilhelminenstrasse 6, A–1171 Wien (AT).

(74) **HAFFNER, Thomas, M.**; Schottengasse 3a, A–1014 Wien (AT).

(81) CZ HU PL SK; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/21972** (13) A2

(21) PCT/EP97/06463

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) de (26) de

(31) 196 47 853.7 (32) **19 Nov/nov 1996** (33) DE **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A21L 27/00, C07K 14/00

(54) COMPOUNDS WITH IMPROVED INDUCTIVE EFFECT ON CARTILAGE AND BONES
COMPOSES A ACTION INDUCTRICE AMELIOREE SUR LES CARTILAGES ET LES OS

(71) **BIOPHARM GESELLSCHAFT ZUR BIOTECHNOLOGISCHEN ENTWICKLUNG VON PHARMAKA MBH** [DE/DE]; Czernyring 22, D–69115 Heidelberg (DE). **GERONTOCARE GMBH** [DE/DE]; Biomaterials & Medical Devices, Rossbergring 107, D–64354 Reinheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PAULISTA, Michael** [DE/DE]; Wingertstrasse 10, D–69181 Leimen (DE). **POHL, Jens** [DE/DE]; Kellerwiesen 3, D–76707 Hambrücken (DE). **PABST, Joachim** [DE/DE]; Rossbergring 107, D–64354 Reinheim (DE). **HEIDE, Helmut** [DE/DE]; Am Hohenstein 14, D–65779 Kelkheim (DE).

(74) **WEICKMANN, H.** et al. / etc.; Kopernikusstrasse 9, D–81679 München (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21973** (13) A1

(21) PCT/JP97/04170

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) ja (26) ja

(31) 8/304546 (32) **15 Nov/nov 1996 (15.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A22C 13/00

(54) COLLAGEN CASING AND APPARATUS FOR MANUFACTURING THE SAME
BOYAU DE COLLAGENE ET APPAREIL DE FABRICATION D'UN TEL BOYAU

(71) **NIPPI COLLAGEN INDUSTRIES, LTD.** [JP/JP]; 1–1, Senjumidori–cho 1–chome, Adachi–ku, Tokyo 120 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SODE, Takeshi** [JP/JP]; 851, Oonakazato, Fujinomiya–shi, Shizuoka 418 (JP). **FUJIMOTO, Toshio** [JP/JP]; 1162, Oonakazato, Fujinomiya–shi, Shizuoka 418 (JP). **TANAKA, Masahiro** [JP/JP]; 585–5, Miyahara, Fujinomiya–shi, Shizuoka 418 (JP).

(74) **SHAMOTO, Ichio** et al. / etc.; Yuasa and Hara, Section 206, New Ohtemachi Building, 2–1, Ohtemachi 2–chome, Chiyoda–ku, Tokyo 100 (JP).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH HU ID IL IS JP KE KG KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21974** (13) A2

(21) PCT/FR97/02112

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) fr (26) fr

(31) 96/14502 (32) **22 Nov/nov 1996 (22.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A23B 4/00, 4/07, A23L 1/33

(54) DEVICE AND INSTALLATION FOR TREATING SEAFOOD AND IN PARTICULAR PRAWNS
PROCEDE ET INSTALLATION DE TRAITEMENT DE PRODUITS DE LA MER ET EN PARTICULIER DE CREVETTES

(71) **FRANCE AGRO INDUSTRIES** [FR/FR]; D2A Nantes Atlantique, F–44860 Saint Aignan de Grand Lieu (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BENARDEAU, Guy** [FR/FR]; L'Halbrandière, 35, rue du Port, F–44860 Saint Aignan de Grand Lieu (FR).

(74) **PHELIP, Bruno**; Cabinet Harlé & Phélip, 21, rue de la Rochefoucauld, F–75009 Paris (FR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21975** (13) A1

(21) PCT/US96/18686

(22) **19 Nov/nov 1996 (19.11.1996)**

(25) en (26) en

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A23C 9/12, A01N 63/00, C12N 1/14, 1/16, 1/18

(54) MUSHROOM CAPS WITH REDUCED SCALING
CHAPEAUX DE CHAMPIGNONS AVEC ECAILLAGE REDUIT

(71) **AMYCEL, INC.** [US/US]; 260 Westgate Drive, Watsonville, CA 95076 (US).

(72) **LOFTUS, Mark, G.**; 272 Sea Ridge #A, Aptos, CA 95003 (US). **LODDER, Stephen, C.**; 174–D Searidge Court, Aptos, CA 95003 (US). **LEGG, Erik, J.**; 1365 Ruby Court #4, Capitola, CA 95010 (US).

(74) **NEELEY, Richard, L.** et al. / etc.; Cooley Godward LLP, Five Palo Alto Square, 3000 El Camino Real, Palo Alto, CA 94306–2155 (US).

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

Published / Publiée : *(m): 31 Dec/déc 1996 (31.12.1996)*

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(11) **WO 98/21976** (13) A1

(21) PCT/NL97/00627

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) nl (26) en

(31) 1004559 (32) **18 Nov/nov 1996 (18.11.1996)** (33) NL

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A23C 15/16, A23D 7/00

(54) BUTTER CONTAINING SLIMMING AGENTS
BEURRE CONTENANT DES AGENTS AMINCISSANTS

(71) **UNILIFE** [NL/NL]; Zeilstraat 9–11, NL–1131 ED Volendam (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TOL, Everardus, Nicolaas, Johannes, Jozef** [NL/NL]; Oostwal 7, NL–1132 BJ Volendam (NL). **VAN LEEUWEN, Danny, Marcel** [NL/NL]; Weegschaalstraat 58, NL–1131 MX Volendam (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 GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21977** (13) A1

(21) PCT/IT97/00073

(22) **1 Apr/avr 1997 (01.04.1997)**

(25) en (26) en

(31) MI96A002400 (32) **19 Nov/nov 1996 (19.11.1996)** (33) IT

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A23G 9/22, 3/02, 9/24, 9/08

(54) METHOD AND APPARATUS FOR PRODUCING ICE–CREAMS AND THE LIKE
PROCEDE DE PRODUCTION DE CREMES GLACEES ET ANALOGUE ET APPAREIL CORRESPONDANT

(71, 72) **ZANON, Mario** [IT/IT]; Via Carlo Farini, 71, I–20159 Milano (IT).

(74) **GHIONI, Carlo, Raoul**; Bugnion S.p.A., Via Carlo Farini, 81, I–20159 Milano (IT).

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

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(11) **WO 98/21978** (13) A1

(21) PCT/SE97/01918

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) sv (26) en

(31) 9604251–0 (32) **20 Nov/nov 1996 (20.11.1996)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A23K 1/16, 1/165, A23L 1/10, 1/185

(54) FOOD–INDUCED ANTISECRETORY PROTEINS
PROTEINES ANTISECRETRICES INDUITE PAR L'ALIMENTATION

(71) **RURAL PATENT SVENSKA AB** [SE/SE]; St. Göransgatan 160A, P.O. Box 30192, S–104 25 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LANGE, Stefan** [SE/SE]; Nedre Fogelbergsgatan 9B, S–411 28 Göteborg (SE). **GÖRANSSON, Leif** [SE/SE]; Gillastigen 1, S–260 23 Kågeröd (SE). **LÖNNROTH, Ivar** [SE/SE]; Glasbjörksgatan 8A, S–431 69 Mölndal (SE).

(74) **PERNEBORG, Henry** et al. / etc.; Uppsala Patentbyrå AB, P.O. Box 9013, S–750 09 Uppsala (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21979** (13) A1

(21) PCT/US97/16084

(22) **11 Sep/sep 1997 (11.09.1997)**

(25) en (26) en

(31) 60/031,403 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A23K 1/16, A61K 39/395

(54) METHOD FOR INCREASING THE EFFICIENCY OF FEED CONVERSION IN ANIMALS
PROCEDE POUR ACCROITRE L'EFFICACITE DE LA CONVERSION DES ALIMENTS DANS LE CORPS D'UN ANIMAL

(71) **WISCONSIN ALUMNI RESEARCH FOUNDATION** [US/US]; P.O. Box 7365, Madison, WI 53707–7365 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COOK, Mark, E.** [US/US]; 15 Kewaunee Court, Madison, WI 53705 (US). **PIMENTEL, Julio** [US/US]; 3206 Windgate Drive, Buford, GA 30519 (US).

(74) **BAKER, Jean**; Quarles & Brady, 411 East Wisconsin Avenue, Milwaukee, WI 53202–4497 (US).

(81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21980** (13) A1

(21) PCT/US97/22084

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/754,751 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A23L 1/00, A47J 27/00

(54) PRODUCE PACKING AND HANDLING APPARATUS AND METHOD
APPAREIL ET PROCEDE DE CONDITIONNEMENT ET DE MANIPULATION DE PRODUITS

(71) **LILAND TECHNOLOGY, L.L.C.** [US/US]; 220 East Second Street, East Syracuse, NY 13057 (US).

(72) **LI, Lien–Chung**; 17, Lane 149, Tien–Yi Street, East Area, Tai Chung City (TW).

(74) **TRAPANI, Lawrence, P.**; Trapani & Molldrem, Monroe Building, 2nd floor, 333 East Onondaga Street, Syracuse, NY 13202 (US).

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

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(11) **WO 98/21981** (13) A1

(21) PCT/FR97/02027

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) fr (26) fr

(31) 96/13952 (32) **15 Nov/nov 1996 (15.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A23L 1/164, 1/217, 1/18

(54) METHOD FOR MAKING AN OVEN–COOKED FOOD PRODUCT WITH A BASE OF ROLLED AND/OR FLAKY PASTRY CONTAINING PRE–GELATINISED NON WAXY STARCH
PROCEDE DE FABRICATION D'UN PRODUIT ALIMENTAIRE CUIT AU FOUR A BASE DE PATE LAMINEE ET/OU FEUILLETEE COMPRENANT DE L'AMIDON PREGELATINISE NON CIREUX

(71) **GROUPE DANONE** [FR/FR]; 7, rue de Téhéran, F–75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOITEAU, Patrick** [FR/FR]; 22, sentier des Torques, 16, domaine de Seignelay, F–92290 Châtenay–Malabry (FR).

(74) **JACQUARD, Philippe** et al. / etc.; Cabinet Ores, 6, avenue de Messine, F–75008 Paris (FR).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21982** (13) A1

(21) PCT/EP97/07345

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 96308406.6 (32) **20 Nov/nov 1996 (20.11.1996)** (33) EP

(34) AT et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A23L 1/40, A23P 1/02, A23L 1/212, 1/311

(54) FROZEN FOOD PRODUCT
DENREE ALIMENTAIRE CONGELEE

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

(72, 75) **GAGLIARDI, Vittorio** [IT/IT]; Via Carlo Marchionni, 20, I–00128 Rome (IT). **PANAIOLI, Sandro** [IT/IT]; Via Catilina, 14, I–00040 Pomezia (IT).

(74) **MULDER, Cornelis, Willem, Reinier**; Unilever PLC, Patent Division, Colworth House, Sharnbrook, Bedford MK44 1LQ (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21983** (13) A1

(21) PCT/US97/08507

(22) **17 May/mai 1997 (17.05.1997)**

(25) en (26) en

(31) 9624149.2 (32) **20 Nov/nov 1996 (20.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A23L 2/00

(54) POTASSIUM AND SODIUM BICARBONATE FOR INCREASED BLOOD BUFFERS
BICARBONATE DE POTASSIUM ET DE SODIUM POUR ACCROITRE LES TAMPONS SANGUINS

(71) **SANG WHANG ENTERPRISES, INC.** [US/US]; 8445 S.W. 148th Drive, Miami, FL 33158 (US).

(72) **WHANG, Sang, Youn**; 8445 S.W. 148th Drive, Miami, FL 33158 (US).

(74) **JONES, Stan**; 49 Middle Street, Hallowell, ME 04347 (US).

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

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(11) **WO 98/21984** (13) A1

(21) PCT/EP97/06360

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) de (26) de

(31) 196 47 352.7 (32) **15 Nov/nov 1996 (15.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A23L 2/52, 2/54

(54) UBIQUINONE–CONTAINING, NON–ALCOHOLIC BEVERAGE
BOISSON NON ALCOOLIQUE CONTENANT DE L'UBIQUINONE

(71) **AQUA NOVA GETRÄNKETECHNOLOGIE GMBH** [DE/DE]; Helmertstrasse 4–6, D–68219 Mannheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEHNAM, Dariush** [DE/DE]; Schwalbenweg 9, D–64380 Roßdorf (DE). **ELSTNER, Erich, F.** [DE/DE]; Wildmoosstrasse 18, D–82194 Gröbenzell (DE). **WANNENMACHER, Michael** [DE/DE]; Klingelhüttenweg 3A, D–69118 Heidelberg (DE).

(74) **ZINNGREBE, H.**; Saalbaustrasse 11, D–64283 Darmstadt (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(11) **WO 98/21985** (13) A1

(21) PCT/ES97/00288

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) es (26) es

(31) P 9602470 (32) **22 Nov/nov 1996 (22.11.1996)** (33) ES

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A23P 1/04

(54) PRODUCT FOR INCORPORATING DIETETIC AND ALIMENTARY INGREDIENTS INTO BEVERAGES; DIETETIC PRODUCTS AND FOOD

PRODUIT PERMETTANT D'INCORPORER DES INGREDIENTS DIETETIQUES ET ALIMENTAIRES DANS LES BOISSONS, LES ALIMENTS ET LES PRODUITS DIETETIQUES

(71) **LIPOTEC, S.A.** [ES/ES]; Santa Eulalia, 240, E–08903 L'Hospitalet de Llobregat (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PARENTE DUEÑA, Antonio** [ES/ES]; Passeig Can Segrera, 17–21E, E–08960 San Just Desvern (ES). **BONILLA MUÑOZ, Angel** [ES/ES]; Ciudad Coperativa, 33, E–Sant Boi de Llobregat (ES). **GARCES GARCES, Josep** [ES/ES]; Calle Valls, 48, E–Sant Vicens Dels Horts (ES).

(74) **HERNANDEZ COVARRUBIAS, Arturo**; Clarke, Modet and Co., Avenida de los Encuartes, 21, E–28760 Tres Cantos (ES).

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

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(11) **WO 98/21986** (13) A1

(21) PCT/US96/18490

(22) **19 Nov/nov 1996 (19.11.1996)**

(25) en (26) en

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A24B 1/00

(54) METHOD AND APPARATUS FOR APPLYING METHOPRENE TO ORIENTAL TOBACCO
PROCEDE ET DISPOSITIF SERVANT A APPLIQUER DU METHOPRENE A DU TABAC ORIENTAL

(71) **DIMON, INCORPORATED** [US/US]; 512 Bridge Street, P.O. Box 681, Danville, VA 24543–0681 (US).

(72) **VAN LIERDE, Herman**; Felemenk Turk Tutun, PK 247, 35212 Izmir (TR).

(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) BG CN MK TR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/21987** (13) A1

(21) PCT/JP96/03452

(22) **22 Nov/nov 1996 (22.11.1996)**

(25) ja (26) ja

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A41C 1/00, 1/06, A41D 7/00

(54) GARMENT FOR FEMALE HAVING AN ABDOMINAL AND GLUTEAL CORRECTING FUNCTION
SOUS–VETEMENT FEMININ DOTE D'UNE FONCTION DE CORRECTION DE L'ABDOMEN ET DE LA REGION FESSIERE

(71) **KABUSHIKI KAISHA WITH** [JP/JP]; 2–2, Minamihommachi 2–chome, Chuo–ku, Osaka–shi, Osaka 541 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAWAMI, Fumiko** [JP/JP]; Kabushiki Kaisha With, 2–2, Minamihommachi 2–chome, Chuo–ku, Osaka–shi, Osaka 541 (JP).

(74) **KURAUCHI, Giro**; Sumitomoseimei Midosuji Building, 14–3, Nishitemma 4–chome, Kita–ku, Osaka–shi, Osaka 530 (JP).

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

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(11) **WO 98/21988** (13) A2

(21) PCT/US97/21456

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/755,493 (32) **22 Nov/nov 1996** (33) US **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A41D

(54) BODY SUPPORT GARMENTS
VETEMENTS DE SOUTIEN DU CORPS

(71, 72) **GILLIAM, Phillip, L.** [US/US]; 606 North Branch Court, Abingdon, MD 21009 (US).

(74) **VAGO, James, C.** et al. / etc.; Dinsmore & Shohl LLP, 1900 Chemed Center, 255 East Fifth Street, Cincinnati, OH 45202 (US).

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

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(11) **WO 98/21989** (13) A1

(21) PCT/GB97/03163

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 9623816.7 (32) **18 Nov/nov 1996** (33) GB **(18.11.1996)**

(31) 9708194.7 (32) **23 Apr/avr 1997** (33) GB **(23.04.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A41D 13/00, 27/24, 31/00

(54) PROTECTIVE GARMENT
VETEMENT DE PROTECTION

(71) **WARDLE STOREYS (SAFETY & SURVIVAL EQUIPMENT) LIMITED** [GB/GB]; Grove Mill, Earby, Barnoldswick BB18 6UT (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LITTLER, Stephen** [GB/GB]; 25 Harvest Lane, Moreton, Wirral, Merseyside L46 7UF (GB).

(74) **MATHISEN, MACARA & CO.**; The Coach House, 6/8 Swakeleys Road, Ickenham, Uxbridge, Middlesex UB10 8BZ (GB).

(81) CA NO US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/21990** (13) A1

(21) PCT/US97/20933

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 08/754,586 (32) **19 Nov/nov 1996** (33) US **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A41H 43/00, D05B 3/14

(54) BUTTON ATTACHING DEVICE
DISPOSITIF DE FIXATION DE BOUTONS

(71) **AVERY DENNISON CORPORATION** [US/US]; 150 North Orange Grove Boulevard, Pasadena, CA 91103 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DESCHENES, Charles, L.** [US/US]; 22 Norton Road, North Attleboro, MA 02760 (US). **DAVIGNON, Paul, A.** [US/US]; 77 Fisher Street, Uxbridge, MA 01569 (US). **HARTMAN, William** [US/US]; 76 Longwood Road, Quincy, MA 02169 (US). **SMITH, Hugh** [US/US]; 72 Addington Road, West Roxbury, MA 02132 (US). **COOKE, Douglas, A.** [US/US]; 35 High Street, Charlestown, MA 02129 (US).

(74) **KRIEGSMAN, Edward, M.** et al. / etc.; Kriegsman & Kriegsman, 883 Edgell Road, Framingham, MA 01701 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21991** (13) A1

(21) PCT/IT97/00022

(22) **31 Jan/jan 1997 (31.01.1997)**

(25) en (26) en

(31) RM96A000792 (32) **20 Nov/nov 1996** (33) IT **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A43C 15/02, A43B 13/36

(54) AN ANATOMIC DEVICE THAT MAY REPLACE THE SPIKES ON RUNNING SHOES
DISPOSITIF ANATOMIQUE POUVANT REMPLACER LES POINTES DE SOULIERS DE COURSE A POINTES

(71, 72) **OLIVETTI, Luca** [IT/IT]; Via Bonaldo Stringher, 27, I–00191 Roma (IT).

(74) **MASCIOLI, Alessandro**; Via Urbana, 20, I–00184 Roma (IT).

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

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(11) **WO 98/21992** (13) A1

(21) PCT/AU97/00781

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) PO 3668 (32) **18 Nov/nov 1996** (33) AU **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A44B 15/00

(54) ATTACHMENT ARRANGEMENT FOR KEY FOBS
DISPOSITIF DE FIXATION POUR CHAINETTES DE PORTE–CLES

(71) **HARRISON, Kerri, Leonie** [AU/AU]; 41 Washington Street, Toorak, VIC 3142 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **HARRISON, Kerry, Max** [AU/AU]; 41 Washington Street, Toorak, VIC 3142 (AU).

(74) **CHRISTIANSEN, John**; P.O. Box 287, Port Melbourne, VIC 3207 (AU).

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

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(11) **WO 98/21993** (13) A1

(21) PCT/US97/18507

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 08/754,022 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A44B 19/26, B65D 33/34

(54) TAMPER–EVIDENT RECLOSABLE PLASTIC BAG WITH BREAKAWAY SLIDER
SAC PLASTIQUE REUTILISABLE INVIOLABLE A CURSEUR A RUPTURE

(71) **TENNECO PACKAGING INC.** [US/US]; 1603 Orrington Avenue, Evanston, IL 60204 (US).

(72) **ST. PHILLIPS, Eric, A.**; 24 Timber Lane, Fairport, NY 14450 (US). **VANDERLEE, David, G.**; 4 Apollo Place, Macedon, NY 14502 (US).

(74) **BLANKSTEIN, Michael, J.**; Arnold, White & Durkee, P.O. Box 4433, Houston, TX 77210 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21994** (13) A1

(21) PCT/US97/16030

(22) **23 Jun/juin 1997 (23.06.1997)**

(25) en (26) en

(31) 08/755,026 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A44C 7/00

(54) HOOP EARRING
CREOLES

(71) **JACMEL JEWELRY, INC.** [US/US]; 30–00 47th Avenue, Long Island City, NY 11101 (US).

(72) **SILVERI, Greg**; 1 Larissa Cout, Airmont, NY 10952 (US).

(74) **KADEN, Jeffrey, M.**; Gottlieb, Rackman & Reisman, P.C., 270 Madison Avenue, New York, NY 10016–0601 (US).

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

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(11) **WO 98/21995** (13) A1

(21) PCT/GB97/03145

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 9624159.1 (32) **20 Nov/nov 1996** (33) GB **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A45C 11/00

(54) IMPROVEMENTS IN OR RELATING TO CONTACT LENS CASES AND USE THEREOF
RECEPTACLES AMELIORES POUR LENTILLES DE CONTACT ET LEUR UTILISATION

(71) **RENAISSANCE HEALTHCARE (EUROPE) LIMITED** [GB/GB]; 43 Downs Wood, Epsom Downs, Surrey KT18 5UJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LLOYD, David, James** [GB/GB]; 43 Downs Wood, Epsom Downs, Surrey KT18 5UJ (GB).

(74) **BURROWS, Anthony, Gregory**; Business Centre West, Avenue One, Business Park, Letchworth Garden City, Hertfordshire SG6 2HB (GB).

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

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(11) **WO 98/21996** (13) A1

(21) PCT/IT96/00212

(22) **15 Nov/nov 1996 (15.11.1996)**

(25) en (26) en

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A45C 13/22, 13/26, 7/00, B65D 5/46

(54) A BASKET WITH AN ARC SHAPED HANDLE
PANIER A ANSE CINTREE EN ARC

(71) **BRUNAZZO S.N.C.** [IT/IT]; Via Gallarate, 12, I–21015 Lonate Pozzolo (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRUNAZZO, Roberto** [IT/IT]; Via Gallarate, 12, I–21015 Lonate Pozzolo (IT).

(74) **FERRAIOLO, Ruggero** et al. / etc.; Via Napo Torriani, 10, I–20124 Milano (IT).

(81) AL CA CN JP PL RO SI US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/21997** (13) A1

(21) PCT/FR97/02050

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) fr (26) fr

(31) 96/14251 (32) **18 Nov/nov 1996** (33) FR **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A45D 2/14, 2/22

(54) HAIR–CURLER AND METHOD FOR SETTING HAIR
BIGOUDI ET PROCEDE DE MISE EN FORME DE CHEVEUX

(71) **J.N.D.** [FR/FR]; 37, avenue Franklin D. Roosevelt, F–75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAVARRO, Rose–Marie** [FR/FR]; Chemin de la Pataquière, Les Ecureuils, F–30220 Aigues Mortes (FR).

(74) **COLAS, Jean–Pierre**; Cabinet de Boisse, 37, avenue Franklin D. Roosevelt, D–75008 Paris (FR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21998** (13) A1

(21) PCT/FR97/01702

(22) **26 Sep/sep 1997 (26.09.1997)**

(25) fr (26) fr

(31) 96/14421 (32) **19 Nov/nov 1996** (33) FR **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A45D 27/29

(54) IMPROVEMENTS TO DISPOSABLE RAZOR DISPENSER
PERFECTIONNEMENT AU DISTRIBUTEUR DE RASOIRS DE TOILETTE JETABLES

(71, 72) **VARENIO, Philippe** [FR/FR]; Le Villard, F–83780 Flayosc (FR).

(74) **HAUTIER, Jean–Louis**; Office Méditerranéen de Brevets d'Invention et de Marques, Cabinet Hautier, 24, rue Masséna, F–06000 Nice (FR).

(81) AL AM AU BB BG BR CA CN CZ EE GE HU IS JP KG KP KR LK LR LT LV MD MG MK MN MX NO NZ PL RO SG SI SK TR TT UA US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/21999** (13) A1

(21) PCT/US97/21445

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/754,397 (32) **21 Nov/nov 1996** (33) US **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A45D 29/00, 29/18, B26B 13/22, A61K 7/04, 7/06, B05D 1/02, 1/28, 3/04, 3/10, B32B 7/00, 27/00, 27/40, D03D 3/00, 15/00, 17/00, 25/00, D04B 1/00, D04H 1/00, 1/58, 3/00, 5/00, 11/00, 13/00, C08K 3/04

(54) A NAILWRAP COMPOSITION AND A METHOD AF APPLYING A NAILWRAP TO A HUMAN NAIL
COMPOSITION DE PLACAGE DES ONGLES ET PROCEDE D'APPLICATION SUR UN ONGLE HUMAIN

(71) **OPI PRODUCTS, INC.** [US/US]; 13034 Saticoy Street, North Hollywood, CA 91605 (US).

(72) **SIRDESAI, Sunil, J.**; 7 Altura, Irvine, CA 92714 (US). **ENGELMANN, Bernd**; 7515 Claire Avenue, Reseda, CA 91335 (US). **SCHAEFFER, George**; 612 N. Maple, Beverly Hills, CA 90210 (US).

(74) **HYMAN, Eric, S.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025–1026 (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 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 UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22000** (13) A1

(21) PCT/US97/19942

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 08/751,388 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A46B 9/04

(54) PLAQUE REMOVING TOOTHBRUSH
BROSSE A DENTS POUR L'ELIMINATION DE LA PLAQUE DENTAIRE

(71, 72) **ASHER, Randall, S.** [US/US]; 9025 E. Mineral Circle, Englewood, CO 80112 (US).

(74) **MALKIN, Jay, K.** et al. / etc.; Klaas, Law, O'Meara & Malkin, P.C., Suite 2225, 1999 Broadway, Denver, CO 80202 (US).

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

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(11) **WO 98/22001** (13) A1

(21) PCT/NO97/00240

(22) **9 Sep/sep 1997 (09.09.1997)**

(25) no (26) en

(31) 964855 (32) **15 Nov/nov 1996 (15.11.1996)** (33) NO

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A47B 19/08

(54) ARRANGEMENT IN A STAND, ESPECIALLY A MUSIC STAND
PUPITRE A MUSIQUE

(71, 72) **AUKE, Trond** [NO/NO]; Vågebyveien 11, N–1312 Slependen (NO).

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

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

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(11) **WO 98/22002** (13) A1

(21) PCT/ES97/00275

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) es (26) es

(31) U 9602910 (32) **15 Nov/nov 1996 (15.11.1996)** (33) ES

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A47B 21/02

(54) DEVICE FOR POSITIONING TRAYS IN COMPUTER TABLES
DISPOSITIF PERMETTANT D'ADAPTER DES PLATEAUX AUX TABLES D'ORDINATEURS

(71, 72) **GIL GUANTER, Juan Fernando** [ES/ES]; Maestro Serrano, 39, E–46120 Alboraya (ES).

(74) **SANZ–BERMELL MARTINEZ, Alejandro**; Játiva, 4, E–46002 Valencia (ES).

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

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(11) **WO 98/22003** (13) A1

(21) PCT/ES97/00274

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) es (26) es

(31) U 9602909 (32) **15 Nov/nov 1996 (15.11.1996)** (33) ES

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A47B 21/03, 17/03, 17/06, F16M 11/04

(54) OSCILLATING PLATFORM, PARTICULARLY FOR COMPUTER TABLES
PLATE–FORME OSCILLANTE, EN PARTICULIER POUR TABLES D'ORDINATEURS

(71, 72) **GIL GUANTER, Juan, Fernando** [ES/ES]; Maestro Serrano, 39, E–46120 Alboraya (ES).

(74) **SANZ–BERMELL MARTINEZ, Alejandro**; Játiva, 4, E–46002 Valencia (ES).

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

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(11) **WO 98/22004** (13) A1

(21) PCT/NL97/00629

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) nl (26) en

(31) 1004551 (32) **18 Nov/nov 1996 (18.11.1996)** (33) NL

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A47C 3/02, G09B 9/14, A47C 9/00

(54) CHAIR ASSEMBLY, IN PARTICULAR A CHAIR ASSEMBLY FOR USE IN VIRTUAL REALITY DEVICES
ENSEMBLE CHAISE, UTILE NOTAMMENT DANS DES DISPOSITIFS DE REALITE VIRTUELLE

(71) **RPI ADVANCED TECHNOLOGY GROUP EUROPE B.V.** [NL/NL]; 3rd floor, Van Vollenhovenstraat 3, NL–3016 BE Rotterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DE LA HAYE, Frans** [NL/NL]; Stalpertstraat 49, NL–2597 RP Den Haag (NL).

(74) **BAKKUM, R., J.**; Van Exter Polak & Charlouis B.V., P.O. Box 3241, NL–2280 GE Rijswijk (NL).

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

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(11) **WO 98/22005** (13) A1

(21) PCT/US97/20189

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 60/031,118 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 08/923,267 (32) **4 Sep/sep 1997 (04.09.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A47F 1/00, 7/00

(54) MERCHANDISING DISPLAY UNIT FOR BOTTLES
PRESENTOIR PROMOTIONNEL POUR BOUTEILLES

(71) **REHRIG PACIFIC COMPANY** [US/US]; 4010 East 26th Street, Los Angeles, CA 90023 (US).

(72) **APPS, William, P.**; 225 Lake Heights Drive, Alpharetta, GA 30202 (US). **BECKER, Frank**; 2270 Brandon Acres Drive, Buford, GA 30519 (US). **HWANG, Philip, C.**; Apartment 4306, 6015 State Bridge Road, Duluth, GA 30097 (US). **KOEFELDA, Jerry**; 1640 Hermosa Avenue, Hermosa Beach, CA 90254 (US).

(74) **POTENZA, Joseph, M.** et al. / etc.; Banner & Witcoff, Ltd., 11th floor, 1001 G Street, N.W., Washington, DC 20001–4597 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22006** (13) A1

(21) PCT/CH97/00421

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) de (26) de

(31) 2855/96 (32) **19 Nov/nov 1996 (19.11.1996)** (33) CH

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A47F 3/04, F25D 23/02, 21/12

(54) METHOD FOR AVOIDING UNACCEPTABLE TEMPERATURES IN CHEST FREEZERS AND CHEST FREEZER FOR THE IMPLEMENTATION OF THE METHOD
PROCEDE POUR EVITER DES TEMPERATURES INADMISSIBLES DANS DES CONGELATEURS ET CONGELATEURS ADEQUATS

(71) **EEM TECNICA HOLDING AG** [CH/CH]; c/o Provides Treuhandgesellschaft, Oberdorfstrasse 13, CH–6342 Baar (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EMING, Winfried, Heinrich** [DE/CH]; Sonnenrainweg 5A, CH–5430 Wettingen (CH).

(74) **TROESCH SCHEIDEGGER WERNER AG**; Siewerdtstrasse 95, Postfach, 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22007** (13) A1

(21) PCT/JP97/04131

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) ja (26) ja

(31) 8/312360 (32) **22 Nov/nov 1996 (22.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A47J 41/00

(54) SYNTHETIC RESIN ADIABATIC CONTAINER AND SYNTHETIC RESIN ADIABATIC COVER
RECIPIENT ET COUVERCLE ADIABATIQUES EN RESINE SYNTHETIQUE

(71) **NIPPON SANSO CORPORATION** [JP/JP]; 16–7, Nishi–shinbashi 1–chome, Minato–ku, Tokyo 105 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAMACHI, Hidefumi** [JP/JP]; Nippon Sanso Corporation, 16–7, Nishi–shinbashi 1–chome, Minato–ku, Tokyo 105 (JP). **YAMADA, Masashi** [JP/JP]; Nippon Sanso Corporation, 16–7, Nishi–shinbashi 1–chome, Minato–ku, Tokyo 105 (JP). **FUJII, Takafumi** [JP/JP]; Nippon Sanso Corporation, 16–7, Nishi–shinbashi 1–chome, Minato–ku, Tokyo 105 (JP). **FURUYAMA, Kensuke** [JP/JP]; Nippon Sanso Corporation, 16–7, Nishi–shinbashi 1–chome, Minato–ku, Tokyo 105 (JP). **TANAKA, Atsuhiko** [JP/JP]; Nippon Sanso Corporation, 16–7, Nishi–shinbashi 1–chome, Minato–ku, Tokyo 105 (JP).

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

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

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(11) **WO 98/22008** (13) A1

(21) PCT/EP97/06122

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) en (26) en

(31) 96203231.4 (32) **19 Nov/nov 1996 (19.11.1996)** (33) EP

(34) NL et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A47K 1/00, 5/122

(54) DOSING DISPENSER FOR LIQUID SOAP OR THE LIKE
APPAREIL DOSEUR POUR SAVON LIQUIDE OU PRODUIT SIMILAIRE

(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 GB GH IE KE LK LS MN MW NZ SD SG SZ TT UG)

(71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
(only for / seulement pour AU BB CA GB GH IE KE LK LS MN MW NZ SD SG SZ TT UG)

(72) **BUDSWORTH, Paul**; Diversey Lever, Maarssenbroeksedijk 2, NL–3606 AN Maarssen (NL). **BUNSCHOTEN, Gerrit, Klaas**; Diversey Lever, Maarssenbroeksedijk 2, NL–3606 AN Maarssen (NL). **PRITCHARD, Norman, Jason**; Diversey Lever, Maarssenbroeksedijk 2, NL–3606 AN Maarssen (NL).

(74) **UNILEVER N.V.**; Patent Division, P.O. Box 137, NL–3130 AC Vlaardingen (NL).

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

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(11) **WO 98/22009** (13) A1

(21) PCT/US97/21373

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/755,435 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A47K 10/42, 10/44

(54) INTERFOLDED NAPKIN DISPENSING SYSTEM
SYSTEME DE DISTRIBUTION DE SERVIETTES ENTREPLIEES

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

(72) **CHAN, Michael, Yuwah**; 10435 Stanyan Street, Alpharetta, GA 30202 (US). **TRAMONTINA, Paul, Francis**; 155 Cobblestone Way, Alpharetta, GA 30201 (US).

(74) **SIDOR, Karl, V.** et al. / etc.; Kimberly–Clark Worldwide, Inc., 401 North Lake Street, Neenah, WI 54956 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22010** (13) A1

(21) PCT/SE97/01952

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) sv (26) en

(31) 9604280–9 (32) **21 Nov/nov 1996 (21.11.1996)** (33) SE

(31) 9701412–0 (32) **15 Apr/avr 1997 (15.04.1997)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A47K 11/02

(54) INCINERATING TOILET
CUVETTE SANITAIRE A INCINERATION

(71) **R.J. PRODUKTER AB** [SE/SE]; Brommögatan 4, S–542 31 Mariestad (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JOHANSSON, Rune** [SE/SE]; Brommögatan 4, S–542 31 Mariestad (SE).

(74) **BJELKSTAM, Peter** et al. / etc.; Kransell & Wennborg AB, P.O. Box 27834, S–115 93 Stockholm (SE).

(81) AL AU BG BR CA CN CU CZ EE GE HU ID IL IS JP KR LT LV MX NO NZ PL RO RU SD SG SI SK TJ TM TR UA US UZ VN; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22011** (13) A1

(21) PCT/DE97/02337

(22) **11 Oct/oct 1997 (11.10.1997)**

(25) de (26) de

(31) 196 47 482.5 (32) **16 Nov/nov 1996 (16.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A47L 1/02

(54) ULTRASONIC CLEANING DEVICE
DISPOSITIF DE NETTOYAGE A ULTRASONS

(71) **FIDOR VERMÖGENSVERWALTUNG GMBH & CO., PROTOTYPENENTWICKLUNGS KG** [DE/DE]; Geiselgasteigstrasse 34, D–81545 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DORNIER, Irén** [DE/ES]; Calle Deusto, 20, E–28023 Madrid (ES).

(74) **FLOSDORFF, Jürgen**; Alleestrasse 33, D–82467 Garmisch–Partenkirchen (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE (Utility model / modèle d'utilité) 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22012** (13) A1

(21) PCT/DK97/00533

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) da (26) en

(31) 1328/96 (32) **21 Nov/nov 1996 (21.11.1996)** (33) DK

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A47L 4/00

(54) ARRANGEMENT FOR THE CLEANING OF VENETIAN BLINDS AND RELATED ARTICLES
DISPOSITIF DE NETTOYAGE DE STORES A LAMELLES ET D'ARTICLES ASSOCIES

(71, 72) **JESSEN, Jes** [DK/DK]; Aalborgvej 12, DK–9560 Hadsund (DK).

(74) **K. SKØTT–JENSEN, PATENTINGENIØRER A/S**; Lemmingvej 225, DK–8361 Hasselager (DK).

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

(11) **WO 98/22013** (13) A1

(21) PCT/US97/20544

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 08/752,146 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A47L 5/24

(54) VACUUM FOR ANIMAL FECES
ASPIRATEUR DESTINE A DES EXCREMENTS D'ANIMAUX

(71, 72) **SWARTZ, Donna** [US/US]; 524 South Fabrique, Wichita, KS 67218 (US).

(74) **MAEBIUS, Stephen, B.** et al. / etc.; Foley & Lardner, Suite 500, 3000 K Street, N.W., Washington, DC 20007–5109 (US).

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

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(11) **WO 98/22014** (13) A1

(21) PCT/SE97/01946

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) sv (26) en

(31) 9604267–6 (32) **21 Nov/nov 1996 (21.11.1996)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A47L 9/14

(54) A DUST SEPARATOR
SEPARATEUR DE POUSSIERE

(71, 72) **RYDIN, Anders** [SE/SE]; Grönviksvägen 163, S–167 76 Bromma (SE). **LILAND, Reidar** [SE/SE]; Elias Lönnrots väg 27, S–161 59 Bromma (SE).

(74) **SUNDSTRÖM, Per** et al. / etc.; Stenhagen Patentbyrå AB, P.O. Box 4630, S–116 91 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 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 ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22015** (13) A1

(21) PCT/SE97/01959

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) sv (26) en

(31) 9604298–1 (32) **22 Nov/nov 1996 (22.11.1996)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A47L 15/42

(54) DISHWASHER
LAVE–VAISSELLE

(71) **VIPTOP AB** [SE/SE]; Avtalsvägen 15, S–227 61 Lund (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROGMARK, Bertil** [SE/SE]; Avtalsvägen 15, S–227 61 Lund (SE).

(74) **HELLBOM, Lars** et al. / etc.; H Albihns Patentbyrå AB, P.O. Box 3137, S–103 62 Stockholm (SE).

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

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(11) **WO 98/22016** (13) A2

(21) PCT/US97/21453

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 08/755,448 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61B

(54) SCANNING LASER OPHTHALMOSCOPE OPTIMIZED FOR RETINAL MICROPHOTOCOAGULATION
OPHTALMOSCOPE LASER A BALAYAGE, OPTIMISE POUR LA MICROPHOTOCOAGULATION RETINIENNE

(71, 72) **VAN DE VELDE, Frans, J.** [BE/US]; Apartment 15–0, 2 Hawthorne Place, Boston, MA 02114 (US).

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

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(11) **WO 98/22017** (13) A2

(21) PCT/US97/21710

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 08/754,494 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61B

(54) APPARATUSES AND METHODS FOR DISSECTION
APPAREILS ET PROCEDES DE DISSECTION

(71) **MEDWORKS CORPORATION** [US/US]; 2400 Crittendon Drive, Louisville, KY 40217 (US).

(72) **THOMPSON, Ronald, J.**; 110 Stanberry Ridge, Fort Thomas, KY 41075 (US).

(74) **MILLER, Martin, J.** 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22018** (13) A1

(21) PCT/US97/21072

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/749,898 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61B 5/00

(54) GREEN LIGHT PULSE OXIMETER
SPHYGMO–OXYMETRE A LUMIERE VERTE

(71) **UNIVERSITY OF SOUTH FLORIDA** [US/US]; 4202 East Fowler Avenue, FA 0126, Tampa, FL 33620–7900 (US).

(72) **SCHARF, John, Edward**; 13 Sunny Point Court, Oldsmar, FL 34577 (US).

(74) **MOORHEAD, Sean, T.**; Calfee, Halter & Griswold LLP, 1400 McDonald Investment Center, 800 Superior Avenue, Cleveland, OH 44114 (US).

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

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(11) **WO 98/22019** (13) A1

(21) PCT/DE97/02685

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) de (26) de

(31) 196 49 991.7 (32) **21 Nov/nov 1996 (21.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61B 5/04

(54) DEVICE AND METHOD FOR DETERMINING SLEEP PROFILES
DISPOSITIF ET PROCEDE POUR LA DETERMINATION DE PROFILS DE SOMMEIL

(71) **AXON GMBH SCHMALKALDEN** [DE/DE]; Am Bad 2, D–98574 Schmalkalden (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAUMGART–SCHMITT, Rudolf** [DE/DE]; Im Boden 7, D–98574 Schmalkalden (DE).

(74) **SCHMALZ, Hans–Dieter**; Hauptstrasse 56, D–98590 Mittelschmalkalden (DE).

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

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(11) **WO 98/22020** (13) A1

(21) PCT/GB97/03202

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 9624280.5 (32) **22 Nov/nov 1996 (22.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61B 5/0472

(54) APPARATUS AND METHOD FOR MEASURING CARDIAC VAGAL TONE
APPAREIL ET PROCEDE POUR MESURER LE TONUS VAGAL ET CARDIAQUE

(71) **THE UNIVERSITY COURT OF THE UNIVERSITY OF GLASGOW** [GB/GB]; 2 The Square, University Avenue, Glasgow G12 8QQ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JULU, Peter, Oketa–Onyut** [UG/GB]; 36 Rowan Drive, Hawthorn Estate, Dumbarton G82 5EH (GB). **LITTLE, Christopher, John, Lumsden** [GB/GB]; 31 Whiteford Court, Avon Grove, Hamilton ML3 7UW (GB).

(74) **McCALLUM, William, Potter** et al. / etc.; Cruikshank & Fairweather, 19 Royal Exchange Square, Glasgow G1 3AE (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22021** (13) A1

(21) PCT/US97/21885

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 08/752,805 (32) **20 Nov/nov 1996** (33) US **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61B 5/0492

(54) MULTI–ELECTRODE AND NEEDLE INJECTION DEVICE FOR DIAGNOSIS AND TREATMENT OF MUSCLE INJURY AND PAIN
DISPOSITIF D'INJECTION MULTI ELECTRODE ET AIGUILLE DE DIAGNOSTIC ET DE TRAITEMENT DE LESIONS ET DE DOULEURS MUSCULAIRES

(71) **MYOTECH** [US/US]; Suite 100, 3575 Kenyon Street, San Diego, CA 92210 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HUBBARD, David, R.** [US/US]; 2999 Health Center Drive, San Diego, CA 92123 (US).

(74) **ZELANO, Anthony, J.** et al. / etc.; Millen, White, Zelano & Branigan, P.C., Suite 1400, Arlington Courthouse Plaza I, 2200 Clarendon Boulevard, Arlington, VA 22201 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22022** (13) A1

(21) PCT/US97/11648

(22) **27 Jun/juin 1997 (27.06.1997)**

(25) en (26) en

(31) 08/754,506 (32) **19 Nov/nov 1996** (33) US **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61B 5/055, 6/00, 17/00

(54) FIBER COMPOSITE INVASIVE MEDICAL INSTRUMENTS AND METHODS FOR USE IN INTERVENTIONAL IMAGING PROCEDURES
INSTRUMENTS MEDICAUX INVASIFS COMPOSITES EN FIBRES ET PROCEDES POUR LES UTILISER DANS DES INTERVENTIONS AVEC IMAGEUR

(71) **ITI MEDICAL TECHNOLOGIES, INC.** [US/US]; 2452 Armstrong Street, Livermore, CA 94550 (US).

(72) **WERNE, Roger, W.**; 163 Berkshire Court, San Ramon, CA 94583 (US).

(74) **EQUITZ, Alfred, A.** et al. / etc.; Limbach & Limbach L.L.P., 2001 Ferry Building, San Francisco, CA 94111–4262 (US).

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

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(11) **WO 98/22023** (13) A1

(21) PCT/GB97/03177

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 9624003.1 (32) **19 Nov/nov 1996** (33) GB **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61B 5/103

(54) METHOD FOR MEASUREMENT OF SKIN HISTOLOGY
PROCEDE DE MESURE DE L'HISTOLOGIE CUTANEE

(71) **THE UNIVERSITY OF BIRMINGHAM** [GB/GB]; Edgbaston, Birmingham B15 2TT (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COTTON, Symon, D'Oyly** [GB/GB]; Sycamores, Chapel Porth, St. Agnes, Cornwall TR5 0NR (GB).

(74) **PEARCE, Anthony, Richmond** et al. / etc.; Marks & Clerk, Alpha Tower, Suffolk Street Queensway, Birmingham B1 1TT (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22024** (13) A1

(21) PCT/US97/21091

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/752,714 (32) **19 Nov/nov 1996** (33) US **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61B 05/00, A61M 25/00

(54) MEDICAL GUIDEWIRE WITH FULLY HARDENED CORE
FIL–GUIDE MEDICAL A AME ENTIEREMENT DURCIE

(71) **INTERVENTIONAL TECHNOLOGIES INC.** [US/US]; 3574 Ruffin Road, San Diego, CA 92123 (US).

(72) **REISS, Robert**; 9675 La Jolla Farms Road, La Jolla, CA 92037 (US). **GOMRINGER, Gary, W.**; 4615 Katherine Place, La Mesa, CA 92041 (US).

(74) **KLICPERA, Michael, E.**; Interventional Technologies Inc., 3574 Ruffin Road, San Diego, CA 92123 (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; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22025** (13) A1

(21) PCT/EP97/06214

(22) **8 Nov/nov 1997 (08.11.1997)**

(25) de (26) de

(31) 196 47 545.7 (32) **16 Nov/nov 1996** (33) DE **(16.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61B 10/00, G01N 33/52

(54) APPLICATION TO DETERMINE THE RISK OF TOOTH DECAY AND A TEST DEVICE ESPECIALLY SUITED THERETO
PROCEDE D'UTILISATION POUR DETERMINER LE RISQUE DE CARIES ET DISPOSITIF DE TEST PARTICULIEREMENT ADAPTE A CET EFFET

(71) **M & M DENTAL–MEDIZIN GMBH** [DE/DE]; Franz–Haniel–Strasse 31, D–47443 Moers (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MÖLL, Claus–Jürgen** [DE/DE]; Franz–Haniel–Strasse 31, D–47443 Moers (DE). **PAESSENS, Theodor** [DE/DE]; Monrestrasse 70, D–47546 Kalkar (DE).

(74) **SCHOENEN, Norbert**; Uerdinger Strasse 3, D–47441 Moers (DE).

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

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(11) **WO 98/22026** (13) A1

(21) PCT/US97/21726

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/749,339 (32) **21 Nov/nov 1996** (33) US **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61B 10/00, A61M 25/00

(54) GUIDING INTRODUCER FOR ENDOMYOCARDIAL BIOPSY PROCEDURES
INTRODUCTEUR–GUIDE DESTINE A DES OPERATIONS DE BIOPSIE ENDOMYOCARDIQUE

(71) **DAIG CORPORATION** [US/US]; 14901 DeVeau Place, Minnetonka, MN 55345 (US).

(72) **GOLDSTEIN, James, A.**; 1645 Hillwood Drive, Bloomfield Hills, MI 48304 (US). **FLEISCHHACKER, John, J.**; 14901 DeVeau Place, Minnetonka, MN 55345–2126 (US).

(74) **COX, Scott, R.**; Lynch, Cox, Gilman & Mahan, P.S.C., 500 Meidinger Tower, 462 South Fourth Avenue, Louisville, KY 40202 (US).

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

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(11) **WO 98/22027** (13) A1

(21) PCT/DE97/02684

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) de (26) de

(31) 196 47 496.5 (32) **16 Nov/nov 1996** (33) DE **(16.11.1996)**

(31) 197 26 386.0 (32) **21 Jun/juin 1997** (33) DE **(21.06.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61B 17/00, 17/08, A61F 13/02

(54) TIGHT PUNCTURE SEAL
TAMPON D'OBTURATION ETANCHE POUR ORIFICE DE PONCTION

(71, 72) **HARREN, Ernst–Diethelm** [DE/DE]; Salmanusstrasse 39, D–52146 Würselen (DE). **BANGERT, Christian** [DE/DE]; Bismarckstrasse 150, D–52066 Aachen (DE).

(74) **WALTHER, WALTHER & HINZ**; Heimradstrasse 2, D–34130 Kassel (DE).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ DE DE (Utility model / modèle d'utilité) DK EE ES FI GB GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22028** (13) A1

(21) PCT/NZ97/00155

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 299763 (32) **15 Nov/nov 1996 (15.11.1996)** (33) NZ

(31) 328643 (32) **29 Aug/Août 1997 (29.08.1997)** (33) NZ

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61B 17/00

(54) EAR TAG APPLICATOR
APPLICATEUR D'ETIQUETTES POUR OREILLES

(71, 72) **GARDNER, Michael, Stuart** [NZ/NZ]; 108 Waiatarua Road, Remuera, Auckland (NZ).

(72, 75) **BLADEN, Roy, Victor** [NZ/NZ]; 292 Glenmore Road, RD 3, Albany (NZ).

(74) **HAWKINS, Michael, Howard** et al. / etc.; Baldwin Son and Carey, NCR Building, 342 Lambton Quay, Wellington (NZ).

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

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(11) **WO 98/22029** (13) A1

(21) PCT/US97/21339

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 60/031,347 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(31) 08/971,388 (32) **17 Nov/nov 1997 (17.11.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61B 17/00

(54) IMPLEMENTATION INSTRUMENT AND METHOD
INSTRUMENT ET PROCEDE D'IMPLANTATION

(71, 72) **ARAMANT, Robert, B.** [SE/US]; 5700 Fible Lane, Crestwood, KY 40014 (US). **SEILER, Magdalene, J.** [DE/US]; 4312 Briarwood Road, Louisville, KY 40207 (US).

(74) **LYON, Lyman, R.**; Lyon, P.C., Suite 207, 3883 Telegraph Road, Bloomfield Hills, MI 48302–1476 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22030** (13) A1

(21) PCT/US97/20514

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 08/752,167 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 08/946,500 (32) **7 Oct/oct 1997 (07.10.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61B 17/04

(54) SYSTEMS, METHODS, AND INSTRUMENTS FOR MINIMALLY INVASIVE SURGERY
SYSTEMES, METHODES ET INSTRUMENTS DE CHIRURGIE MINIMALEMENT INVASIVE

(71) **UNIVERSITY OF MASSACHUSETTS** [US/US]; Suite 800, 18 Tremont Street, Boston, MA 02108 (US).

(72) **VERDURA, Javier**; 1567 Milford Creek Lane, Marietta, GA 30060 (US). **CARROLL, Maureen, E.**; 1046 North Avenue #4, Atlanta, GA 30306 (US). **BEANE, Richard**; 52 Burr Road, Hingham, MA 02043 (US). **EK, Steven**; 59 Bolton Woods Way, Bolton, MA 01740 (US). **CALLERY, Mark, P.**; 10132 Arbor Drive, Shrewsbury, MA 01545 (US).

(74) **FASSE, J., Peter**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110–2804 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22031** (13) A1

(21) PCT/US97/20345

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 08/755,139 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61B 17/20

(54) SKIN VIBRATION METHOD FOR TOPICAL TARGETED DELIVERY OF BENEFICIAL AGENTS INTO HAIR FOLLICLES
METHODE POUR FAIRE VIBRER LA PEAU, PERMETTANT DE LIBERER LOCALEMENT ET DE MANIERE CIBLEE DES AGENTS BENEFIQUES DANS LES FOLLICULES PILEUX

(71) **ANTICANCER, INC.** [US/US]; 7917 Ostrow Street, San Diego, CA 92111 (US).

(72) **LI, Lingna**; 8320 Regents Road #1H, San Diego, CA 92122 (US). **BARANOV, Eugene**; 6363 Beadwell Way, San Diego, CA 92117 (US).

(74) **MURASHIGE, Kate, H.** et al. / etc.; Morrison & Foerster LLP, 2000 Pennsylvania Avenue N.W., Washington, DC 20006–1888 (US).

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

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(11) **WO 98/22032** (13) A1

(21) PCT/US97/21282

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/752,501 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61B 17/36

(54) HEATED BALLOON HAVING ROTARY FLUID IMPELLER
BALLONNET CHAUFFE AVEC AGITATEUR DE FLUIDE ROTATIF A AILETTES

(71) **GYNECARE, INC.** [US/US]; 235 Constitution Drive, Menlo Park, CA 94025 (US).

(72) **SAADAT, Vahid**; 1 Avocet Drive #204, Redwood Shores, CA 94065 (US). **McINTYRE, John, J.**; 251 Coronado, San Carlos, CA 94070 (US). **STEVENS, Gail**; 610 Gilbert #32, Menlo Park, CA 94024 (US).

(74) **PEREZ, Ronald, E.** et al. / etc.; Fulwider Patton Lee & Utecht, LLP, 10th floor, 10877 Wilshire Boulevard, Los Angeles, CA 90024 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU ID IL 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; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22033** (13) A1

(21) PCT/FR97/02037

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) fr (26) fr

(31) 96/13956 (32) **15 Nov/nov 1996 (15.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61B 17/70

(54) OSTEOSYNTHESIS SYSTEM WITH ELASTIC DEFORMATION FOR SPINAL COLUMN
SYSTEME D'OSTEOSYNTHESE A DEFORMATION ELASTIQUE POUR COLONNE VERTEBRALE

(71) **DIMSO DISTRIBUTION MEDICALE DU SUD OUEST** [FR/FR]; ZI de Marticot, F–33610 Cestas (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ELBERG, Jean–François** [FR/FR]; 7, rue d'Héliopolis, F–75017 Paris (FR).

(74) **MARTIN, Jean–Jacques** et al. / etc.; Cabinet Regimbeau, 26, avenue Kléber, F–75116 Paris (FR).

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

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(11) **WO 98/22034** (13) A2

(21) PCT/US97/20435

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 60/033,335 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(31) 08/922,263 (32) **2 Sep/sep 1997 (02.09.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61B 18/18, 18/00, A61N 5/06, 5/10, A61B 18/24, A61N 5/06, A61B 5/00, 6/00

(54) INTERVENTIONAL PHOTONIC ENERGY EMITTER SYSTEM
SYSTEME EMETTEUR D'ENERGIE PHOTONIQUE INTERVENTIONNEL

(71) **BOSTON SCIENTIFIC CORPORATION** [US/US]; One Scientific Place, Natick, MA 01760 (US).

(72) **CROWLEY, Robert, J.**; 64 Puritan Lane, Sudbury, MA 01776 (US).

(74) **CAPRARO, Joseph, A.**; Testa, Hurwitz & Thibeault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22035** (13) A1

(21) PCT/FR96/01858

(22) **22 Nov/nov 1996 (22.11.1996)**

(25) fr (26) fr

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61B 19/02

(54) SURGERY OR MICRO–SURGERY INSTRUMENT KIT FOR SINGLE USE
TROUSSE D'INSTRUMENTS CHIRURGICAUX OU MICRO–CHIRURGICAUX A USAGE UNIQUE

(71, 72) **BERROS, Philippe** [FR/FR]; 142, rue Jean Mermoz, F–13008 Marseille (FR). **HUBSCHMAN, Jean–Pierre** [FR/FR]; 14 bis, rue Martiny, F–13008 Marseille (FR).

(72, 75) **TOUBOUL, Denis** [FR/FR]; Bâtiment 2B, Bois Fleury, Saint Tronc, F–13010 Marseille (FR).

(74) **CABINET ROMAN**; 35, rue Paradis, Boîte postale 2224, F–13207 Marseille Cedex 01 (FR).

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

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(11) **WO 98/22036** (13) A1

(21) PCT/US97/13058

(22) **6 Aug/Août 1997 (06.08.1997)**

(25) en (26) en

(31) 60/031,299 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 60/033,143 (32) **20 Dec/déc 1996 (20.12.1996)** (33) US

(31) 60/054,051 (32) **31 Jul/juil 1997 (31.07.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61B 19/04, A61C 5/12, A61F 5/41, 6/04, A61K 6/00, A61L 15/30, 29/00, 31/00, B29C 61/00, 61/06

(54) RUBBERY PRODUCTS THAT SHRINK DUE TO THE APPLICATION OF ENERGY AND HYPO–ALLERGENIC RUBBERY PRODUCTS
PRODUITS EN COUTCHOUC QUI SE RETRACTENT LORS DE L'APPLICATION D'ENERGIE ET PRODUITS EN CAOUTCHOUC HYPO–ALLERGENES

(71, 72) **MUNN, Charles, S.** [US/US]; 91 Walnut Hill Road, Chestnut Hill, MA 02167–3156 (US).

(72) **COHEN, Robert, E.**; 73 Pershing Road, Jamaica Plain, MA 02130–2015 (US).

(74) **SUNSTEIN, Bruce, D.** et al. / etc.; Bromberg & Sunstein LLP, 125 Summer Street, Boston, MA 02110–1618 (US).

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

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(11) **WO 98/22037** (13) A1

(21) PCT/SE97/01942

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) sv (26) en

(31) 9604303–9 (32) **22 Nov/nov 1996 (22.11.1996)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61B 19/08

(54) SURGICAL DRAPE
CHAMPS OPERATOIRES

(71) **SILECO HB** [SE/SE]; Gitarrgatan 11, S–312 34 Laholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WALLIN, Lars–Göran** [SE/SE]; Gitarrgatan 11, S–312 34 Laholm (SE).

(74) **BILLBERG, Hans** et al. / etc.; Axel Ehrners Patentbyrå AB, P.O. Box 10316, S–100 55 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 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; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22038** (13) A1

(21) PCT/ES97/00282

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) es (26) es

(31) P 9602451 (32) **20 Nov/nov 1996 (20.11.1996)** (33) ES

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61C 8/00, 13/275

(54) DENTAL IMPLANT
IMPLANT DENTAIRE

(71) **ARRUGA ARTAL, Carlos** [ES/ES]; Monasterio de Samos, 15–1ºA, E–50008 Zaragoza (ES).

(71, 72) **ARRUGA ARTAL, Alberto** [ES/ES]; Monasterio de Samos, 15–1ºA, E–50008 Zaragoza (ES).

(74) **UNGRIA LOPEZ, Javier**; Avenida Ramón y Cajal, 78, E–28043 Madrid (ES).

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

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(11) **WO 98/22039** (13) A1

(21) PCT/US96/18483

(22) **19 Nov/nov 1996 (19.11.1996)**

(25) en (26) en

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61F 2/00

(54) INVOLUNTARY URINE CONTROL APPARATUS, SYSTEM AND METHOD
DISPOSITIF, SYSTEME ET PROCEDE SERVANT A LUTTER CONTRE L'INCONTINENCE URINAIRE

(71) **UROSCIENTIFIC, INC.** [US/US]; Suite 56, 8 Cedar Street, Woburn, MA 01081 (US).

(72) **VON IDERSTEIN, Irwin, F.**; 1061 Soledad Way, Lady Lake, FL 32159 (US).

(74) **HOOVER, Thomas, O.**; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02173 (US).

(81) CA CN IL JP MX NO; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22040** (13) A1

(21) PCT/US97/15415

(22) **3 Sep/sep 1997 (03.09.1997)**

(25) en (26) en

(31) 08/752,038 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61F 2/00

(54) INSTRUMENT FOR GUIDING DELIVERY OF INJECTABLE MATERIALS IN TREATING URINARY INCONTINENCE
INSTRUMENT PERMETTANT DE GUIDER L'INSERTION DE MATIERES INJECTABLES DANS LE CADRE DU TRAITEMENT DE L'INCONTINENCE URINAIRE

(71) **UROPLASTY, INC.** [US/US]; 2718 Summer Street N.E., Minneapolis, MN 55413 (US).

(72) **HENALLA, Samir, M.**; 12 Whinmoor View, Silkstone, Barnsley, South Yorkshire S75 4LL (US).

(74) **SPANGLER, Jonathan, D.**; Arnold, White & Durkee, 4850 First Bank Place, 601 Second Avenue South, Minneapolis, MN 55402 (US).

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

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(11) **WO 98/22041** (13) A1

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(25) en (26) en

(31) 08/749,772 (32) **20 Nov/nov 1996** (33) US **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61F 2/00

(54) METHODS FOR PRODUCING THREE–DIMENSIONAL CONSTRUCTS FOR TISSUE ENGINEERING
PROCEDE DE PRODUCTION DE CONSTRUCTIONS TRIDIMENSIONNELLES POUR LE GENIE RELATIFS AUX TISSUS

(71) **ALLEGHENY HEALTH, EDUCATION AND RESEARCH FOUNDATION** [US/US]; Broad and Vine Streets, Mail Stop 485, Philadelphia, PA 19102–1192 (US).

(72) **LAURENCIN, Cato**; 1001 Valley Road, Elkins Park, PA 19027 (US). **BORDEN, Mark**; 117 Ramsgate Drive, Phoenixville, PA 19460 (US).

(74) **LICATA, Jane, Massey** et al. / etc.; Law Offices of Jane Massey Licata, 66 E. Main Street, Marlton, NJ 08053 (US).

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

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(11) **WO 98/22042** (13) A2

(21) PCT/CA97/00842

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/749,661 (32) **15 Nov/nov 1996** (33) US **(15.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61F 2/06

(54) SHAPE MEMORY TUBULAR DEPLOYMENT SYSTEM
SYSTEME DE DEPLOIEMENT TUBULAIRE A MEMOIRE DE FORME

(71, 72) **UNSWORTH, John** [CA/CA]; 365 Lodor Street, Ancaster, Ontario L9G 2Z5 (CA).

(72) **WARAM, Thomas**; Suite 204, 1063 King Street, W., Hamilton, Ontario L8S 1L8 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22043** (13) A1

(21) PCT/FR97/02094

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) fr (26) fr

(31) 96/14286 (32) **22 Nov/nov 1996** (33) FR **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61F 2/06

(54) MODULAR AND EXPANDABLE ENDOPROSTHESIS FOR THE ARTERIAL NETWORK
ENDOPROTHESE MODULAIRE ET EXPANSIBLE POUR LE RESEAU ARTERIEL

(71, 72) **MARCADE, Jean–Paul** [FR/FR]; 46, rue Albert 1er, F–17000 La Rochelle (FR).

(74) **BURTIN, Jean–François**; Cabinet Gefib, 85, rue Anatole France, F–92300 Levallois Perret (FR).

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

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(11) **WO 98/22044** (13) A1

(21) PCT/IB97/01459

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) BO96A000597 (32) **20 Nov/nov 1996** (33) IT **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61F 2/06

(54) DEVICE AND METHOD FOR MOUNTING AN ENDOVASCULAR STENT ONTO A BALLOON CATHETER
DISPOSITIF ET METHODE POUR FIXER UN EXTENSEUR ENDOVASCULAIRE SUR UN CATHETER A BALLONNET

(71) **BARD GALWAY LIMITED** [IE/IE]; Parkmore Industrial Estate, Galway (IE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BORGHI, Enzo** [IT/IT]; Via L. Romagnoli, 15, I–40054 Budrio (IT).

(74) **LANZONI, Luciano**; Bugnion S.p.A., Via dei Mille, 19, I–40121 Bologna (IT).

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

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(11) **WO 98/22045** (13) A1

(21) PCT/US97/21366

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/754,816 (32) **21 Nov/nov 1996** (33) US **(21.11.1996)**

(31) 08/881,956 (32) **25 Jun/juin 1997** (33) US **(25.06.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61F 2/06

(54) MICROPOROUS TUBULAR PROSTHESIS
PROTHESE TUBULAIRE MICROPOREUSE

(71) **CARDIOVASCULAR DYNAMICS, INC.** [US/US]; 13700 Alton Parkway, Irvine, CA 92618 (US).

(72) **MCDONALD, Edward, A.**; 38 Nighthawk, Irvine, CA 92714 (US). **HENSON, Michael**; 2 Via Presea, Trabuco Canyon, CA 92679 (US). **YOUNG, Joe, W.**; 28352 Chat Drive, Laguna Niguel, CA 92677 (US). **ROSENBLUTH, Robert**; 24161 Cherry Hill Place, Laguna Niguel, CA 92677 (US). **BRENNEMAN, Rodney**; 34002 Las Palmas del Mar, San Juan Capistrano, CA 92675 (US).

(74) **NATAUPSKY, Steven, J.**; Knobbe, Martens, Olson and Bear, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22046** (13) A1

(21) PCT/FR97/02082

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) fr (26) fr

(31) 96/14263 (32) **20 Nov/nov 1996** (33) FR **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61F 2/08

(54) PRE–ADJUSTED PROSTHETIC LIGAMENT AND METHOD OF MANUFACTURE
LIGAMENT PROTHETIQUE PRE–ORIENTE ET PROCEDE DE CONFECTION

(71, 72) **LABOUREAU, Jacques–Philippe** [FR/FR]; 24, rue Fontaine Billenois, F–21000 Dijon (FR).

(72, 75) **BRULEZ, Bernard** [FR/FR]; 22, rue Amiral Pierre, F–52400 Bourbonne les Bains (FR).

(74) **GUIU, Claude**; Cabinet Claude Guiu, 10, rue Paul Thénard, F–21000 Dijon (FR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22047** (13) A1

(21) PCT/IE97/00077

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) S960811 (32) **15 Nov/nov 1996** (33) IE **(15.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61F 2/08

(54) BONE IMPLANT
IMPLANT OSSEUX

(71) **MEDISOLVE LTD.** [IE/IE]; Suite 3, The Blackrock Clinic, Road Road, Blackrock, County Dublin (IE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FEENEY, Michael** [IE/IE]; 20 Talbot Lodge, Grove Avenue, Blackrock, County Dublin (IE). **CURLEY, Luke** [IE/IE]; Mount Dreolin, Prosperous, Naas, County Kildare (IE). **LENNON, Donal** [IE/IE]; Kilmacredock, Maynooth, County Kildare (IE).

(74) **DUFFY, Assumpta**; F.R. Kelly & Co., 27 Clyde Road, Ballsbridge, Dublin 4 (IE).

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

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(11) **WO 98/22048** (13) A1

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(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/754,566 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(31) 08/887,580 (32) **3 Jul/juil 1997 (03.07.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61F 2/08

(54) APPARATUS AND METHODS FOR ANCHORING AUTOLOGOUS OR ARTIFICIAL TENDON GRAFTS IN BONE
APPAREIL ET METHODES D'ANCRAGE DE GREFFES AUTOLOGUES OU ARTIFICIELLES DE TENDON DANS L'OS

(71) **INNOVASIVE DEVICES, INC.** [US/US]; 734 Forest Street, Marlborough, MA 01752 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HART, Rickey, D.** [US/US]; 11 Hillside Road, Plainville, MA (US).

(74) **POWSNER, David, J.**; Choate, Hall & Stewart, Exchange Place, 53 State Street, Boston, MA 02109 (US).

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

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(11) **WO 98/22049** (13) A1

(21) PCT/EP97/06515

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) de (26) de

(31) 196 48 263.1 (32) **21 Nov/nov 1996 (21.11.1996)** (33) DE

(31) 197 01 778.9 (32) **20 Jan/jan 1997 (20.01.1997)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61F 2/34

(54) ARTIFICIAL ACETABULAR CUP
COTYLE SYNTHETIQUE

(71) **PLUS ENDOPROTHETIK AG** [CH/CH]; Erlenstrasse 4b, CH–6343 Rotkreuz (CH).
(for all designated States except / pour tous les États désignés sauf US)

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

(74) **POPP, Eugen** et al. / etc.; Meissner, Bolte & Partner, Postfach 86 06 24, D–81633 Munchen (DE).

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

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(11) **WO 98/22050** (13) A1

(21) PCT/US97/19610

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 08/753,334 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61F 2/44

(54) INTERVERTEBRAL PROSTHETIC DEVICE
PROTHESE INTERVERTEBRALE

(71, 72) **BUTTERMANN, Glenn, R.** [US/US]; 1725 Park Avenue, Mahtomedi, MN 55115 (US).

(74) **BENT, Stephen, A.** et al. / etc.; Foley & Lardner, Suite 500, 3000 K Street, N.W., Washington, DC 20007–5109 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22051** (13) A1

(21) PCT/US97/20991

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 60/031,019 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 08/905,199 (32) **1 Aug/Août 1997 (01.08.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61F 5/00

(54) ADHESIVE BANDAGE HAVING A RELEASABLE PAD
PANSEMENT ADHESIF DOTE D'UN TAMPON AMOVIBLE

(71, 72) **HART, Robert, L.** [US/US]; 1525 Olive Street, Indianapolis, IN 46203 (US).

(74) **NAUGHTON, Joseph, A., Jr.** et al. / etc.; Woodard, Emhardt, Naughton, Moriarty & McNett, Bank One Center/Tower, Suite 3700, 111 Monument Circle, Indianapolis, IN 46204 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22052** (13) A1

(21) PCT/US97/21345

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/746,861 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61F 5/00

(54) BODY SUPPORT GARMENT
VETEMENT DE MAINTIEN CORPOREL

(71, 72) **JOHNSON, Christina, Erteszek** [US/US]; 21914 Goldstone Road, Topanga, CA 90290 (US).

(74) **ROTH, W., Norman**; Roth & Goldman, Suite 707, 523 W. Sixth Street, Los Angeles, CA 90014–1102 (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; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22053** (13) A1

(21) PCT/US97/21477

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 08/752,603 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61F 5/08

(54) NASAL BAND AND METHOD FOR IMPROVED BREATHING
BANDE NASALE ET PROCEDE POUR AMELIORER LA RESPIRATION

(71, 72) **FENN, Arthur, C., M., D.** [US/US]; 5 Parkway Way, Greenbrae, CA 94904 (US).

(74) **TOLPIN, Thomas, W.**; Welsh & Katz, Ltd., 22nd floor, 120 South Riverside Plaza, Chicago, IL 60606 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22054** (13) A1

(21) PCT/CH97/00433

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) de (26) de

(31) 2868/96 (32) **21 Nov/nov 1996 (21.11.1996)** (33) CH

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61F 5/44, A61M 1/00

(54) CATHETER VALVE
VANNE DE CATHETER

(71) **PHARMELAN HOLDING AG** [LI/LI]; Weiherring 79, FL–9493 Mauren (LI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHÖNBÄCHLER, Peter** [CH/CH]; Saltinistrasse 25, CH–7203 Trimmis (CH).

(74) **PEEGE, Klaus**; Hiebsch & Peege AG, Patentanwaltsbüro, Promenadenstrasse 21, CH–8201 Schaffhausen (CH).

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

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(11) **WO 98/22055** (13) A1

(21) PCT/US97/20673

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 08/752,662 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61F 9/007

(54) LASER REFRACTIVE SURGERY STATION
POSTE DE CHIRURGIE REFRACTIVE AU LASER

(63) US 08/752,662 (CON)
19 Nov/nov 1996 (19.11.1996)

(71) **VISX INCORPORATED** [US/US]; 3400 Central Expressway, Santa Clara, CA 95051 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CLAPHAM, Terrance, N.** [US/US]; 19922 Via Escuela Drive, Saratoga, CA 95070 (US).

(74) **BARRISH, Mark, D.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111–3834 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22056** (13) A1

(21) PCT/JP97/04134

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 8/305296 (32) **15 Nov/nov 1996 (15.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61F 13/15

(54) LIQUID IMPERMEABLE NONWOVEN SHEET FOR ABSORBENT ARTICLE
FEUILLE EN NON–TISSE IMPERMEABLE AUX LIQUIDES POUR ARTICLE ABSORBANT

(71) **CHISSO CORPORATION** [JP/JP]; 6–32, Nakanoshima 3–chome, Kita–ku, Osaka–shi, Osaka 530 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TSUJIYAMA, Yoshimi** [JP/JP]; Room 103, Kosumohaitsu Oka, 156–9, Okamachi, Moriyama–shi, Shiga 524 (JP). **HORIUCHI, Shingo** [JP/JP]; 251, Tateiricho, Moriyama–shi, Shiga 524 (JP).

(74) **IKEUCHI, Hiroyuki** et al. / etc.; Umeda Plaza Building, Suite 401, 3–25, Nishitenma 4–chome, Kita–ku, Osaka–shi, Osaka 530 (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 HU IL 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22057** (13) A1

(21) PCT/SE97/01881

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) 9604223–9 (32) **15 Nov/nov 1996 (15.11.1996)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61F 13/15

(54) ABSORBENT ARTICLE WITH HIGH STIFFNESS
ARTICLE ABSORBANT TRES RIGIDE

(71) **SCA MÖLNLYCKE AB** [SE/SE]; S–405 03 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BJÖRKLUND, Camilla** [SE/SE]; Glasmästaregatan 4, S–412 62 Göteborg (SE). **WIDLUND, Urban** [SE/SE]; Päronvägen 5, S–435 43 Mölnlycke (SE). **SAMUELSSON, Ann** [SE/SE]; Flintstensvägen 28, S–437 32 Lindome (SE). **DREVIK, Solgun** [SE/SE]; Hulebäcksvägen 16, S–435 35 Mölnlycke (SE). **GUSTAFSSON, Anders** [SE/SE]; Kofferdalsvägen PL 5182, S–427 35 Billdal (SE).

(74) **GRAUDUMS, Valdis** et al. / etc.; Albihn West AB, P.O. Box 142, S–401 22 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22058** (13) A1

(21) PCT/SE97/01882

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) 9604222–1 (32) **15 Nov/nov 1996 (15.11.1996)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61F 13/15

(54) ABSORBENT ARTICLE SUCH AS A SANITARY NAPKIN, AN INCONTINENCE GUARD, A PANTY–LINER OR THE LIKE
ARTICLE ABSORBANT TEL QU'UNE SERVIETTE HYGIENIQUE, UNE PROTECTION CONTRE L'INCONTINENCE, UNE GARNITURE DE SLIP OU ANALOGUE

(71) **SCA MÖLNLYCKE AB** [SE/SE]; S–405 03 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BJÖRKLUND, Camilla** [SE/SE]; Glasmästaregatan 4, S–412 62 Göteborg (SE). **WIDLUND, Urban** [SE/SE]; Päronvägen 5, S–435 43 Mölnlycke (SE). **SAMUELSSON, Ann** [SE/SE]; Flintstensvägen 28, S–437 32 Lindome (SE). **DREVIK, Solgun** [SE/SE]; Hulebäcksvägen 16, S–435 35 Mölnlycke (SE). **GUSTAFSSON, Anders** [SE/SE]; Kofferdalsvägen PL 5182, S–427 35 Billdal (SE).

(74) **GRAUDUMS, Valdis** et al. / etc.; Albihn West AB, P.O. Box 142, S–401 22 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22059** (13) A1

(21) PCT/SE97/01883

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) 9604226–2 (32) **15 Nov/nov 1996 (15.11.1996)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61F 13/15, 13/46

(54) ABSORBENT STRUCTURE FOR USE IN AN ABSORBENT ARTICLE
STRUCTURE ABSORBANTE DESTINEE A S'INTEGRER DANS UN ARTICLE ABSORBANT

(71) **SCA MÖLNLYCKE AB** [SE/SE]; S–405 03 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GUSTAFSSON, Anders** [SE/SE]; Kofferdalsvägen PL 5182, S–427 35 Billdal (SE). **GUIDOTTI, Ted** [US/SE]; Anneholmsgatan 10, S–412 67 Göteborg (SE).

(74) **GRAUDUMS, Valdis** et al. / etc.; Albihn West AB, P.O. Box 142, S–401 22 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22060** (13) A1

(21) PCT/SE97/01884

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) 9604225–4 (32) **15 Nov/nov 1996 (15.11.1996)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61F 13/15

(54) ABSORBENT ARTICLE WITH A REINFORCED HUMP
ARTICLE ABSORBANT A BOSSE RENFORCEE

(71) **SCA MÖLNLYCKE AB** [SE/SE]; S–405 03 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GUIDOTTI, Ted** [US/SE]; Anneholmsgatan 10, S–412 67 Göteborg (SE). **JOHANSSON, Anette** [SE/SE]; Ernst Kristenssons gata 4 A, S–416 85 Göteborg (SE). **BJÖRKLUND, Camilla** [SE/SE]; Glasmästaregatan 4, S–412 62 Göteborg (SE). **WIDLUND, Urban** [SE/SE]; Päronvägen 5, S–435 34 Mölnlycke (SE).

(74) **GRAUDUMS, Valdis** et al. / etc.; Albihn West AB, P.O. Box 142, S–401 22 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22061** (13) A1

(21) PCT/SE97/01885

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) 9604224–7 (32) **15 Nov/nov 1996 (15.11.1996)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61F 13/15

(54) ABSORBENT ARTICLE SUCH AS A SANITARY NAPKIN, AN INCONTINENCE GUARD, A PANTY–LINER OR THE LIKE
ARTICLE ABSORBANT TEL QU'UNE SERVIETTE HYGIENIQUE, UNE PROTECTION CONTRE L'INCONTINENCE, UNE GARNITURE DE SLIP OU ANALOGUE

(71) **SCA MÖLNLYCKE AB** [SE/SE]; S–405 03 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BJÖRKLUND, Camilla** [SE/SE]; Glasmästaregatan 4, S–412 62 Göteborg (SE). **WIDLUND, Urban** [SE/SE]; Päronvägen 5, S–435 43 Mölnlycke (SE). **SAMUELSSON, Ann** [SE/SE]; Flintstensvägen 28, S–437 32 Lindome (SE). **DREVIK, Solgun** [SE/SE]; Hulebäcksvägen 16, S–435 35 Mölnlycke (SE). **GUSTAFSSON, Anders** [SE/SE]; Kofferdalsvägen PL 5182, S–427 35 Billdal (SE).

(74) **GRAUDUMS, Valdis** et al. / etc.; Albihn West AB, P.O. Box 142, S–401 22 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22062** (13) A1

(21) PCT/SE97/01886

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) 9604221–3 (32) **15 Nov/nov 1996 (15.11.1996)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61F 13/15

(54) ABSORBENT ARTICLE WITH A RAISED PORTION
ARTICLE ABSORBANT DONT UNE ZONE EST SURELEVEE

(71) **SCA MÖLNLYCKE AB** [SE/SE]; S–405 03 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BJÖRKLUND, Camilla** [SE/SE]; Glasmästaregatan 4, S–412 62 Göteborg (SE). **WIDLUND, Urban** [SE/SE]; Päronvägen 5, S–435 43 Mölnlycke (SE). **SAMUELSSON, Ann** [SE/SE]; Flintstensvägen 28, S–437 32 Lindome (SE). **DREVIK, Solgun** [SE/SE]; Hulebäcksvägen 16, S–435 35 Mölnlycke (SE). **JOHANSSON, Annelie** [SE/SE]; Kabbeleksgatan 2A, S–417 17 Göteborg (SE).

(74) **GRAUDUMS, Valdis** et al. / etc.; Albihn West AB, P.O. Box 142, S–401 22 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22063** (13) A1

(21) PCT/US97/21138

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/746,934 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61F 13/15

(54) ABSORBENT ARTICLE HAVING A FLUID PUMPING ELEMENT
ARTICLE ABSORBANT PRESENTANT UN ELEMENT POMPANT LES LIQUIDES

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

(72) **REITER, Godfrey**; 1863 Creswell Drive, Cincinnati, OH 45240 (US). **BURCHNALL, John, Billings**; 7367 Wheatland Meadow Court, West Chester, OH 45069 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/752,163 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61F 13/15

(54) ABSORBENT PRODUCTS, AND APPARATUS AND METHOD FOR PRODUCING THE SAME
ARTICLES ABSORBANTS ET APPAREIL ET PROCEDE POUR LES PRODUIRE

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

(72) **REITER, Godfrey**; 1863 Crestwell Drive, Cincinnati, OH 45240 (US). **BURCHNALL, John, Billings**; 7367 Wheatland Meadow Court, West Chester, OH 45069 (US).

(74) **REED , T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(22) **21 Nov/nov 1997 (21.11.1997)**

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(31) 08/754,414 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61F 13/15

(54) MULTIFUNCTIONAL ABSORBENT MATERIAL AND PRODUCTS MADE THEREFROM
MATIERE ABSORBANTE MULTIFONCTIONNELLE ET ARTICLES FABRIQUES A PARTIR D'UNE TELLE MATIERE

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

(72) **ANDERSON, Richard, Allen**; 1265 Ridgefield Drive, Roswell, GA 30075 (US). **BURNES, Andrew, Scott**; 121 Chantilly Lane, Lawrenceville, GA 30245 (US). **CHANG, Kuo–Shu, Edward**; 200 Ivey Oaks Way, Roswell, GA 30076 (US). **GRYSKIEWICZ, Stanley, Michael**; 165 West Putnam Ferry Road, Woodstock, GA 30189 (US). **HETZLER, Connie, Lynn**; 440 Powers Court Avenue, Alpharetta, GA 30201 (US). **LATIMER, Margaret, Gwyn**; 115 Jones Bridge Woods Place, Alpharetta, GA 30202 (US). **LI, Yong**; W2807 Crestwood Court, Appleton, WI 54915 (US). **LITTLE, Sylvia, Bandy**; 189 Knollwood Drive, Marietta, GA 30064 (US). **MACE, Tamara, Lee**; 3388 Colquitt Drive, Doraville, GA 30340 (US). **MATTHEWS, Billie, Jean**; 444 Julie Anne Way, Woodstock, GA 30188 (US). **RIDDLE, James, Brian**; 278 Battlefield Drive, Dandridge, TN 37725 (US). **WILHELM, Hoa, La**; 22 Lamplighter Court, Appleton, WI 54914 (US). **SAWYER, Lawrence, Howell**; 245 Spearfield Trace, Roswell, GA 30075 (US).

(74) **ROBINSON, James, B.** et al. / etc.; Kimberly–Clark Worldwide, Inc., 401 North Lake Street, Neenah, WI 54956 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/755,514 (32) **22 Nov/nov 1996** (33) US **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61F 13/15

(54) HIGHLY EFFICIENT SURGE MATERIAL FOR ABSORBENT ARTICLES
MATIERE ANTI–FUITE TRES EFFICACE POUR ARTICLES ABSORBANTS

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

(72) **DODGE, Richard, Norris, II**; 2717 North Mc Donald Street, Appleton, WI 54911 (US). **ELLIS, Clifford, Jackson**; 147 Bramble Oak Drive, Woodstock, GA 30188 (US). **HETZLER, Connie, Lynn**; 440 Powers Court Avenue, Alpharetta, GA 30201 (US). **LITTLE, Sylvia, Bandy**; 189 Knollwood Drive, Marietta, GA 30064 (US). **MACE, Tamara, Lee**; 3388 Colquitt Drive, Doraville, GA 30340 (US). **SAWYER, Lawrence, Howell**; 245 Spearfield Trace, Roswell, GA 30075 (US). **WILHELM, Hoa, La**; 22 Lamplighter Court, Appleton, WI 54914 (US).

(74) **ROBINSON, James, B.** et al. / etc.; Kimberly–Clark Worldwide, Inc., 401 North Lake Street, Neenah, WI 54956 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(22) **21 Nov/nov 1997 (21.11.1997)**

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(31) 08/755,136 (32) **22 Nov/nov 1996** (33) US **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61F 13/15

(54) ABSORBENT ARTICLES WITH CONTROLLABLE FILL PATTERNS
ARTICLES ABSORBANTS PRESENTANT DES MOTIFS DE REMPLISSAGE SUSCEPTIBLES D'ETRE MODULES

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

(72) **MATTHEWS, Billie, Jean**; 444 Julie Anne Way, Woodstock, GA 30188 (US). **ANDERSON, Richard, Allen**; 1265 Ridgefield Drive, Roswell, GA 30075 (US). **BURNES, Andrew, Scott**; 121 Chantilly Lane, Lawrenceville, GA 30245 (US). **CHANG, Kuo–Shu, Edward**; 200 Ivey Oaks Way, Roswell, GA 30076 (US). **DODGE, Richard, Norris, II**; 2717 North McDonald Street, Appleton, WI 54911 (US). **GRYSKIEWICZ, Stanley, Michael**; 165 West Putnam Ferry Road, Woodstock, GA 30189 (US). **HETZLER, Connie, Lynn**; 440 Powers Court Avenue, Alpharetta, GA 30201 (US). **LATIMER, Margaret, Gwyn**; 115 Jones Bridge Woods Place, Alpharetta, GA 30202 (US). **LI, Yong**; W2807 Crestwood Court, Appleton, WI 54915 (US). **LITTLE, Sylvia, Bandy**; 189 Knollwood Drive, Marietta, GA 30064 (US). **MACE, Tamara, Lee**; 3388 Colquitt Drive, Doraville, GA 30340 (US). **RIDDLE, James, Brian**; 278 Battlefield Drive, Dandridge, TN 37725 (US). **SAWYER, Lawrence, Howell**; 245 Spearfield Trace, Roswell, GA 30075 (US). **VARONA, Eugenio, Go**; 3309 Woodrun Trail, Marietta, GA 30062 (US). **WILHELM, Hoa, La**; 22 Lamplighter Court, Appleton, WI 54914 (US).

(74) **ROBINSON, James, B.** et al. / etc.; Kimberly–Clark Worldwide, Inc., 401 North Lake Street, Neenah, WI 54956 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/754,417 (32) **22 Nov/nov 1996** (33) US **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61F 13/15

(54) HETEROGENEOUS SURGE MATERIAL FOR ABSORBENT ARTICLES
MATIERE ANTI–FUITE HETEROGENE DESTINEE A DES ARTICLES ABSORBANTS

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

(72) **DODGE, Richard, Norris, II**; 2717 North Mc Donald Street, Appleton, WI 54911 (US). **ELLIS, Clifford, Jackson**; 147 Bramble Oak Drive, Woodstock, GA 30188 (US). **HETZLER, Connie, Lynn**; 440 Powers Court Avenue, Alpharetta, GA 30201 (US). **LITTLE, Sylvia, Bandy**; 189 Knollwood Drive, Marietta, GA 30064 (US). **KEPNER, Eric, Scott**; 342 Westover Drive, Woodstock, GA 30188 (US). **SAWYER, Lawrence, Howell**; 245 Spearfield Trace, Roswell, GA 30075 (US).

(74) **ROBINSON, James, B.** et al. / etc.; Kimberly–Clark Worldwide, Inc., 401 North Lake Street, Neenah, WI 54956 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22069** (13) A1

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(22) **8 Oct/oct 1997 (08.10.1997)**

(25) en (26) en

(31) 196 48 463.4 (32) **22 Nov/nov 1996** (33) DE **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61F 13/58, 13/62

(54) LAMINATE TAPE
BANDE LAMINEE

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133–3427 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VON JAKUSCH, Egbert** [DE/DE]; Obenflachsberg 98, D–42653 Solingen (DE).

(74) **BOND, William, J.** et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133–3427 (US).

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

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(11) **WO 98/22070** (13) A1

(21) PCT/EP97/05299

(22) **26 Sep/sep 1997 (26.09.1997)**

(25) de (26) de

(31) 196 47 498.1 (32) **16 Nov/nov 1996** (33) DE **(16.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61G 5/14, 7/10

(54) DEVICE FOR LIFTING UP PEOPLE FROM A SITTING TO AN UPRIGHT POSITION
DISPOSITIF POUR FAIRE PASSER DES PERSONNES D'UNE POSITION ASSISE A UNE POSITION DEBOUT

(71, 72) **LALOVIC, Zarko** [BA/DE]; Eberhardstrasse 9, D–71120 Grafenau (DE).

(74) **KINKELIN, Ulrich** et al. / etc.; Weimarer Strasse 32/34, D–71065 Sindelfingen (DE).

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

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(11) **WO 98/22071** (13) A1

(21) PCT/US97/21285

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 60/031,408 (32) **18 Nov/nov 1996** (33) US **(18.11.1996)**

(31) 60/031,381 (32) **19 Nov/nov 1996** (33) US **(19.11.1996)**

(31) 60/031,666 (32) **21 Nov/nov 1996** (33) US **(21.11.1996)**

(31) Not furnished / non communiqué (32) **17 Nov/nov 1997** (33) US **(17.11.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61G 7/015

(54) BARIATRIC TREATMENT SYSTEM AND RELATING METHODS
SYSTEME DE TRAITEMENT DE L'OBESITE ET PROCEDES AFFERENTS

(71) **KINETIC CONCEPTS, INC.** [US/US]; P.O. Box 659508, San Antonio, TX 78265–9508 (US).

(72) **VRZALIK, John, H.**; 4444 Lane Street, San Antonio, TX 78263 (US). **PHILLIPS, Bruce**; 14622 Mountain Wood, San Antonio, TX 78232 (US). **BARTLETT, Alan, L.**; 4415 River Oaks, New Braunfels, TX 78132 (US). **DIMITRIU, Dan**; 14211 Daylight Ridge, San Antonio, TX 78230 (US). **GONZALES, Felipe**; 6810 Maple Lake Street, San Antonio, TX 78244 (US). **STROH, Glenn, C.**; 7958 FM 1044, Marion, TX 78123 (US). **STENBERG, Michael**; 6403 Lost Arbor, San Antonio, TX 78240 (US).

(74) **QUIRK, William, H.**; Kinetic Concepts, Inc., P.O. Box 659508, San Antonio, TX 78265–9508 (US).

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

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(11) **WO 98/22072** (13) A1

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(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/753,052 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61J 7/04, B65D 75/54

(54) COMPLIANCE PACKAGE AND METHOD OF IMPROVING OR AIDING PATIENT COMPLIANCE FOR COMPLEX DRUG REGIMENS
PLAQUETTE AIDE–MEMOIRE POUR MEDICAMENTS ET PROCEDE PERMETTANT D'AMELIORER OU DE FACILITER L'OBSERVATION PAR UN PATIENT DE TRAITEMENTS MEDICAMENTEUX COMPLEXES

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

(72) **WILLSON, Julie, Elizabeth**; Apartment 306, 3407 Erie Avenue, Cincinnati, OH 45208 (US). **TROMBLEY, Kurt, Franklin**; 49 Lebanon Street, Hamilton, NY 13346 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22073** (13) A2

(21) PCT/US97/20921

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 60/030,282 (32) **5 Nov/nov 1996 (05.11.1996)** (33) US

(31) 08/963,068 (32) **3 Nov/nov 1997 (03.11.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K

(54) RADIONUCLIDE PRODUCTION USING INTENSE ELECTRON BEAMS
PRODUCTION DE RADIONUCLEIDES AU MOYEN DE FAISCEAUX ELECTRONIQUES INTENSES

(71) **DUKE UNIVERSITY** [US/US]; 230 North Building, Research Drive, Box 90083, Durham, NC 27708–0083 (US).

(72) **WEEKS, Kenneth, J.**; Duke University Medical Center, Durham, NC 27708 (US).

(74) **DAVIDSON, Bryan, H.**; Nixon & Vanderhye P.C., 8th floor, 1100 North Glebe Road, Arlington, VA 22201–4714 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22074** (13) A1

(21) PCT/SE97/01919

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) sv (26) en

(31) 9604197–5 (32) **18 Nov/nov 1996 (18.11.1996)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 6/02

(54) DRESSING MATERIAL FOR DENTAL USE
MATERIAU POUR PANSEMENT DENTAIRE

(71, 72) **LEWINSKY, Nils** [SE/SE]; Grågåsgatan 19, S–412 62 Gothenburg (SE).

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

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(11) **WO 98/22075** (13) A2

(21) PCT/US97/21470

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 9624305.0 (32) **22 Nov/nov 1996 (22.11.1996)** (33) GB

(31) 9710697.5 (32) **23 May/mai 1997 (23.05.1997)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 7/00

(54) COSMETIC COMPOSITIONS
COMPOSITIONS COSMETIQUES

(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) **SUGINAKA, Yasuko** [JP/JP]; 2–6–504, Ohhara–cho, Ashiya, Hyogo 659 (JP). **SUMIYOSHI, Tohru** [JP/JP]; 14–2, Ono–Kosei 2–chome, Shiga–cho, Shiga–gun, Shiga 520–05 (JP). **NAWAZ, Zahid** [GB/GB]; 6 Rye View, High Wycombe, Bucks HP13 6HL (GB). **BELL, Michael, David** [GB/GB]; 61 Masefield Gardens, Crowthorne, Berkshire TW20 0RL (GB).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22076** (13) A1

(21) PCT/FR97/02064

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) fr (26) fr

(31) 96/14330 (32) **22 Nov/nov 1996 (22.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 7/06, 7/00

(54) AEROSOL DEVICE WITH BASE OF ALCOHOLIC COMPOSITIONS OF FIXING MATERIALS CONTAINING LACTAM VINYL UNITS
DISPOSITIF AEROSOL A BASE DE COMPOSITIONS ALCOOLIQUES DE MATERIAUX FIXANTS COMPRENANT DES MOTIFS VINYL LACTAMES

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

(72) **SAMAIN, Henri**; 14, rue du Coteau, F–91570 Bièvres (FR). **DUPUIS, Christine**; 15, rue Seveste, F–75018 Paris (FR).

(74) **ANDRAL, Christophe**; L'Oréal / DPI, 90, rue du Général Roguet, F–92583 Clichy Cedex (FR).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 96/14331 (32) **22 Nov/nov 1996 (22.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 7/06, 7/00

(54) AEROSOL DEVICE WITH BASE OF FIXING MATERIAL ALCOHOLIC COMPOSITIONS CONTAINING ANIONIC GRAFTED SILICONIZED POLYMERS
DISPOSITIF AEROSOL A BASE DE COMPOSITIONS ALCOOLIQUES DE MATERIAUX FIXANTS COMPRENANT DES POLYMERES SILICONES GREFFES ANIONIQUES

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

(72) **DUPUIS, Christine**; 15, rue Seveste, F–75018 Paris (FR). **SAMAIN, Henri**; 14, rue du Coteau, F–91570 Bièvres (FR).

(74) **ANDRAL, Christophe**; L'Oréal / DPI, 90, rue du Général Roguet, F–92583 Clichy Cedex (FR).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22078** (13) A1

(21) PCT/EP97/04699

(22) **29 Aug/Août 1997 (29.08.1997)**

(25) de (26) de

(31) 196 47 493.0 (32) **16 Nov/nov 1996 (16.11.1996)** (33) DE

(31) 196 47 494.9 (32) **16 Nov/nov 1996** (33) DE **(16.11.1996)**

(31) 197 16 780.2 (32) **22 Apr/avr 1997** (33) DE **(22.04.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 7/13, 7/135

(54) AGENTS FOR DYING AND DECOLORIZING FIBERS
AGENTS POUR LA COLORATION ET LA DECOLORATION DES FIBRES

(71) **WELLA AKTIENGESELLSCHAFT** [DE/DE]; Berliner Allee 65, D–64274 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KUNZ, Manuela** [DE/CH]; 18, route du Confin, CH–1723 Marly (CH). **LE CRUER, Dominique** [CH/CH]; 13, Les Epinettes, CH–1723 Marly (CH).

(74) **WELLA AKTIENGESELLSCHAFT**; Berliner Allee 65, D–64274 Darmstadt (DE).

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

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(11) **WO 98/22079** (13) A1

(21) PCT/US97/21029

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/754,577 (32) **21 Nov/nov 1996** (33) US **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 7/16, 7/18

(54) DENTIFRICE COMPOSITIONS CONTAINING POLYPHOSPHATE AND FLUORIDE
COMPOSITIONS DENTIFRICES CONTENANT DU POLYPHOSPHATE ET DU FLUORURE

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

(72) **WHITE, Donald, James, Jr.**; 5690 Bordeaux Way, Fairfield, OH 45014 (US). **McCLANAHAN, Stephen, Francis**; 6399 Ironwood Drive, Loveland, OH 45140 (US). **ESTES, Paul, Donald**; 3096 Struble Road, Cincinnati, OH 45251 (US). **GLANDORF, William, Michael**; 6933 Keeneland Way, Mason, OH 45040 (US). **COX, Edward, Russell**; 24 S. Main Street, Germantown, OH 45327 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 08/754,439 (32) **21 Nov/nov 1996** (33) US **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 7/16, 7/18

(54) DENTIFRICE COMPOSITIONS CONTAINING POLYPHOSPHATE AND MONOFLUOROPHOSPHATE
COMPOSITIONS POUR DENTIFRICE CONTENANT DU POLYPHOSPHATE ET DU MONOFLUOROPHOSPHATE

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

(72) **WHITE, Donald, James, Jr.**; 5690 Bordeaux Way, Fairfield, OH 45014 (US). **McCLANAHAN, Stephen, Francis**; 6399 Ironwood Drive, Loveland, OH 45140 (US). **COX, Edward, Russell**; 24 S. Main Street, Germantown, OH 45327 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22081** (13) A1

(21) PCT/FR97/02039

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) fr (26) fr

(31) 96/13980 (32) **15 Nov/nov 1996** (33) FR **(15.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 7/48, 7/06

(54) USE OF OCTOXYGLYCERIN IN A COSMETIC AND/OR DERMATOLOGICAL COMPOSITION AS ACTIVE AGENT FOR THE TREATMENT OF SEBORRHOEA AND/OR ACNE
UTILISATION DE L'OCTOXYGLYCERINE DANS UNE COMPOSITION COSMETIQUE ET/OU DERMATOLOGIQUE COMME ACTIF POUR LE TRAITEMENT DE LA SEBORRHEE ET/OU DE L'ACNE

(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) **CUPFERMAN, Sylvie** [FR/FR]; 236, rue la Croix Nivert, F–75015 Paris (FR). **LAUGIER, Jean–Pierre** [FR/FR]; 1, Voie Verte, F–92160 Antony (FR).

(74) **TEZIER HERMAN, Béatrice**; L'Oréal – DPI, 90, rue du Général Roguet, F–92583 Clichy Cedex (FR).

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

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(11) **WO 98/22082** (13) A1

(21) PCT/IT97/00278

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) RM96A000799 (32) **22 Nov/nov 1996** (33) IT **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 7/48, 38/46

(54) SPHINGOMYELINASE COMPOSITIONS AND USE THEREOF
COMPOSITIONS A BASE DE SPHINGOMYELINASE ET UTILISATION DE CES COMPOSITIONS

(71, 72) **CAVALIERE, widow VESELY, Renata, Maria, Anna** [IT/IT]; Via Quaranta, 42, I–20139 Milano (IT). **DE SIMONE, Claudio** [IT/IT]; Via Nuoro, 10, I–00040 Ardea (IT).

(74) **CAVATTONI, Fabio** et al. / etc.; Viale dei Parioli, 160, I–00197 Roma (IT).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE GH HU IL IS JP KE KP KR LC LK LR LS LT LV MG MK MN MW MX NO NZ PL RO SD SG SI SK SL TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22083** (13) A1

(21) PCT/SE97/01921

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 9604193–4 (32) **15 Nov/nov 1996** (33) SE **(15.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 7/48, 31/20, 31/70, 31/01

(54) THERAPEUTIC AND COSMETIC COMPOSITIONS, THEIR USE AND METHOD FOR THE PREPARATION THEREOF
COMPOSITIONS COSMETIQUES ET THERAPEUTIQUES, LEURS UTILISATION ET PROCEDE DE PREPARATION

(71) **INTERHEALTH AB** [SE/SE]; Kungsängsvägen 27, S–561 51 Huskvarna (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KÄRNERUD, Lars** [SE/SE]; Sommarfågelvägen 2, S–560 27 Tenhult (SE). **ÖLMESKOG, Stellan** [SE/SE]; Skogsgatan 8, S–578 31 Aneby (SE). **NÄSLUND, Ingemar** [SE/SE]; Vassvägen 21, S–141 39 Huddinge (SE).

(74) **ALLEE, Harriet** et al. / etc.; Dr. Ludwig Brann Patentbyrå AB, P.O. Box 17192, S–104 62 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22084** (13) A1

(21) PCT/US96/18486

(22) **19 Nov/nov 1996 (19.11.1996)**

(25) en (26) en

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 7/48

(54) SKIN CARE COMPOSITIONS
COMPOSITIONS COSMETIQUES

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

(72) **HASENOEHRL, Erik, John**; 3809 Aylesboro Avenue, Cincinnati, OH 45208 (US). **PONTE, Jeanne, Marie**; 116 Shoemaker Drive, Loveland, OH 45140 (US). **SABATELLI, Anthony, Daniel**; 120 Seldman Lane, Wilder, KY 41076 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

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

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(11) **WO 98/22085** (13) A1

(21) PCT/US97/20566

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 9624305.0 (32) **22 Nov/nov 1996** (33) GB **(22.11.1996)**

(31) 9710697.5 (32) **23 May/mai 1997** (33) GB **(23.05.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 7/48

(54) COSMETIC COMPOSITIONS
COMPOSITIONS COSMETIQUES

(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) **BELL, Michael, David** [GB/GB]; 2 South Road, Englefield Green, Egham, Surrey TW20 0RL (GB). **NAWAZ, Zahid** [GB/GB]; 6A Aston Road, Ealing, London W5 2RL (GB). **CSELIK, Frank** [GB/GB]; 20 Green Hill Gate, High Wycombe, Bucks HP13 5QQ (GB).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

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

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(11) **WO 98/22086** (13) A1

(21) PCT/EP97/05918

(22) **20 Oct/oct 1997 (20.10.1997)**

(25) en (26) en

(31) 9623935.5 (32) **18 Nov/nov 1996** (33) GB **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 7/50, 7/06, C11D 1/37

(54) AQUEOUS CLEANSING COMPOSITION
COMPOSITION DEMAQUILLANTE AQUEUSE

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

(72) **PRATLEY, Stuart, Keith**; Gorsefield, 51 Column Road, West Kirby, Wirral, Merseyside L48 8AW (GB).

(74) **GRIFFITHS, Sarah, Helen**; Unilever plc, Patent Division, Colworth House, Sharnbrook, Bedford, MK44 1LQ (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22087** (13) A1

(21) PCT/FR97/01815

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) fr (26) fr

(31) 96/13977 (32) **15 Nov/nov 1996** (33) FR **(15.11.1996)**

(31) 97/03280 (32) **18 Mar/mar 1997** (33) FR **(18.03.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 7/50

(54) DETERGENT COSMETIC COMPOSITIONS AND USE THEREOF
COMPOSITIONS COSMETIQUES DETERGENTES ET UTILISATION

(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) **CAUWET–MARTIN, Danièle** [FR/FR]; 53, rue de Charonne, F–75011 Paris (FR).

(74) **LE BLAINVAUX, Francoise**; L'Oreal–DPI, 90, rue du Général Roguet, F–92583 Clichy Cedex (FR).

(81) AL AM AT AU AZ BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID 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 YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22088** (13) A1

(21) PCT/JP97/03775

(22) **20 Oct/oct 1997 (20.10.1997)**

(25) en (26) en

(31) 8/308243 (32) **19 Nov/nov 1996** (33) JP **(19.11.1996)**

(31) 9/18829 (32) **31 Jan/jan 1997** (33) JP **(31.01.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 7/50, 7/06

(54) SHAMPOO COMPOSITION
COMPOSITION DE SHAMPOOING

(71) **KAO CORPORATION** [JP/JP]; 14–10, Nihonbashikayabacho 1–chome, Chuo–ku, Tokyo 103 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HIROTA, Osamu** [JP/JP]; Kao Corporation, Research Laboratories, 1–3, Bunka 2–chome, Sumida–ku, Tokyo 131 (JP). **OKAMOTO, Yoshimasa** [JP/JP]; Kao Corporation, Research Laboratories, 1–3, Bunka 2–chome, Sumida–ku, Tokyo 131 (JP). **ONO, Yuko** [JP/JP]; Kao Corporation, Research Laboratories, 1–3, Bunka 2–chome, Sumida–ku, Tokyo 131 (JP). **KASUGA, Kenichi** [JP/JP]; Kao Corporation, Research Laboratories, 1–3, Bunka 2–chome, Sumida–ku, Tokyo 131 (JP). **NAKASHIMADA, Atsushi** [JP/JP]; Kao Corporation, Research Laboratories, 1–3, Bunka 2–chome, Sumida–ku, Tokyo 131 (JP).

(74) **ARUGA, Mitsuyuki** et al. / etc.; Kyodo Building, 3–6, Nihonbashiningyocho 1–chome, Chuo–ku, Tokyo 103 (JP).

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

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(11) **WO 98/22089** (13) A1

(21) PCT/SE97/01956

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 9604299–9 (32) **22 Nov/nov 1996** (33) SE **(22.11.1996)**

(31) 60/032,175 (32) **4 Dec/déc 1996** (33) US **(04.12.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 9/00, 38/08

(54) PHARMACEUTICAL COMPOSITION BASED ON A LIPID MATRIX SYSTEM
COMPOSITION PHARMACEUTIQUE A BASE DE SYSTEME MATRICIEL LIPIDIQUE

(71) **PHARMACIA & UPJOHN AB** [SE/SE]; S–112 87 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SJÖSTRÖM, Brita** [SE/SE]; Skogvaktarevägen 4, S–112 30 Saltsjö–Duvnäs (SE). **OLSSON, Birgitta** [SE/SE]; Ekeberga, S–179 92 Stenhamra (SE).

(74) **TANNERFELDT, Agneta** et al. / etc.; Pharmacia & Upjohn AB, S–112 87 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22090** (13) A1

(21) PCT/US97/20668

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 08/752,415 (32) **19 Nov/nov 1996** (33) US **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 9/06

(54) TREATMENT OF EQUINE LAMINITIS
TRAITEMENT DE LA FOURBURE EQUINE

(71) **MORTAR & PESTLE VETERINARY PHARMACY, INC.** [US/US]; 3701 Beaver Avenue, Des Moines, IA 50310 (US).

(72) **RUSSELL, Meri, Charmyne**; 206 S.W. 42nd Street, Des Moines, IA 50312 (US).

(74) **VILLACORTA, Gilberto, M.** et al. / etc.; Pepper Hamilton, LLP, 1300 Nineteenth Street, N.W., Washington, DC 20036–1685 (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 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 TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22091** (13) A1

(21) PCT/IL97/00368

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 119627 (32) **17 Nov/nov 1996 (17.11.1996)** (33) IL

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 9/10, 9/22, 9/24, 9/26, 9/66, 47/32, 47/36, 47/38, 47/42, 47/44

(54) PHARMACEUTICAL PREPARATIONS FOR THE CONTROLLED RELEASE OF β–LACTAM ANTIBIOTICS
PREPARATIONS PHARMACEUTIQUES SERVANT A EFFECTUER LA LIBERATION CONTROLEE D'ANTIBIOTIQUES DE β–LACTAME

(71) **YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM** [IL/IL]; P.O. Box 4279, 91042 Jerusalem (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KATZHENDLER, Ifat** [IL/IL]; Shahal Street 67, 93721 Jerusalem (IL). **HOFFMAN, Amnon** [IL/IL]; Anusei Mashad Street 22, 93784 Jerusalem (IL). **FRIEDMAN, Michael** [IL/IL]; Revadim Street 21, 93391 Jerusalem (IL).

(74) **HACKMEY, Michal**; A.E. Mulford, P.O. Box 544, 91004 Jerusalem (IL).

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

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(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 60/031,636 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 9/127, 9/133

(54) TRANSPORT OF LIPOSOMES ACROSS THE BLOOD–BRAIN BARRIER
TRANSPORT DE LIPOSOMES A TRAVERS LA BARRIERE HEMATO–ENCEPHALIQUE

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 22nd floor, 300 Lakeside Drive, Oakland, CA 94612–3550 (US).

(72) **PARDRIDGE, William, M.**; 1180 Tellum Drive, Pacific Palisades, CA 90272 (US). **HUWYLER, Jörg**; Schafmattweg 47, CH–4102 Binningen (CH).

(74) **OLDENKAMP, David, J.** et al. / etc.; Oppenheimer Poms Smith, Suite 3800, 2029 Century Park East, Los Angeles, CA 90067 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22093** (13) A1

(21) PCT/NL97/00625

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 96203234.8 (32) **19 Nov/nov 1996 (19.11.1996)** (33) EP

(34) AT et al. / etc.

(31) 60/031,671 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 9/16

(54) PROCESS FOR THE PREPARATION OF A CONTROLLED RELEASE SYSTEM
PROCEDE DE PREPARATION D'UN SYSTEME A LIBERATION RETARDEE

(71) **OCTOPLUS B.V.** [NL/NL]; Niels Bohrweg 11–13, NL–2333 CA Leiden (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HENNINK, Wilhelmus, Everhardus** [NL/NL]; Zuidplaslaan 120, NL–2743 CZ Waddinxveen (NL). **FRANSSEN, Okke** [NL/NL]; Normandië 124, NL–3524 RM Utrecht (NL).

(74) **SMULDERS, Th., A., H., J.**; Vereenigde Octrooibureaux, Nieuwe Parklaan 97, NL–2587 BN 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 GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22094** (13) A2

(21) PCT/EP97/06046

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) de (26) de

(31) 196 47 282.2 (32) **15 Nov/nov 1996 (15.11.1996)** (33) DE

(31) 197 43 986.1 (32) **6 Oct/oct 1997 (06.10.1997)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 9/20

(54) METHOD FOR PRODUCING SHAPED AND UNSHAPED POLYOL MASSES
PROCEDE DE PREPARATION DE COMPOSITIONS POLYOL FAÇONNEES OU NON FAÇONNEES

(71) **MERCK PATENT GMBH** [DE/DE]; Frankfurter Strasse 250, D–64291 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAUL, Karin** [DE/DE]; Vilbeler Weg 9, D–64289 Darmstadt (DE). **SCHWARZ, Eugen** [DE/DE]; Weserstrasse 16, D–64625 Bensheim (DE).

(74) **MERCK PATENT GMBH**; Postfach, D–64271 Darmstadt (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22095** (13) A1

(21) PCT/US96/18257

(22) **15 Nov/nov 1996 (15.11.1996)**

(25) en (26) en

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 9/52

(54) PHARMACEUTICAL DOSAGE FORM FOR COLONIC DELIVERY
FORME GALENIQUE PHARMACEUTIQUE CONÇUE POUR ETRE ADMINISTREE DANS LE COLON

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

(72) **KELM, Gary, Robert**; 8524 Althaus Road, Cincinnati, OH 45247 (US). **MANRING, Gary, Lee**; 1110 James Road, Hamilton, OH 45013 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

(81) AU BR CA CN FI KR NO NZ SG VN.

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(11) **WO 98/22096** (13) A1

(21) PCT/US96/18258

(22) **15 Nov/nov 1996 (15.11.1996)**

(25) en (26) en

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 9/52

(54) PHARMACEUTICAL DOSAGE FORM WITH MULTIPLE ENTERIC POLYMER COATINGS FOR COLONIC DELIVERY
FORME GALENIQUE PHARMACEUTIQUE COMPORTANT DES REVETEMENTS ENTERIQUES POLYMERES MULTIPLES POUR ADMINISTRATION DANS LE COLON

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

(72) **KELM, Gary, Robert**; 8524 Althaus Road, Cincinnati, OH 45247 (US). **MANRING, Gary, Lee**; 1110 James Road, Hamilton, OH 45013 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

(81) AU BR CA CN FI KR NO NZ SG VN.

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(11) **WO 98/22097** (13) A2

(21) PCT/US97/21280

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 60/031,334 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(31) 08/972,929 (32) **18 Nov/nov 1997** (33) US **(18.11.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 9/70, 9/22

(54) CONTROLLED RELEASE MATRIX COMPOSITION USING POLAR POLYMER OR MONOMER AND POLY(ACRYLIC ACID) BLEND
COMPOSITION D'UNE MATRICE A LIBERATION CONTROLEE UTILISANT UN MELANGE D'ACIDE POLY(ACRYLIQUE) ET D'UN POLYMERE OU D'UN MONOMERE POLAIRE

(71) **BIO ADVANCES, LLC** [US/US]; Suite 94, 3508 Market Street, Philadelphia, PA 19104 (US).

(72) **BAI, Jane, Pei–Fan**; 4 Twin Turns Lane, Chaddsford, PA 19317 (US).

(74) **RENDA, Barbara, L.** et al. / etc.; Klauber & Jackson, 411 Hackensack Avenue, Hackensack, NJ 07601 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU ID IL IS JP KP KR LC LK LR LT LV MD MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22098** (13) A2

(21) PCT/CA97/00858

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 08/754,491 (32) **20 Nov/nov 1996** (33) US **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 31/00

(54) CPP32 INHIBITORS FOR REGULATING APOPTOSIS
INHIBITEURS DE CPP32 DESTINES A REGULER L'APOPTOSE

(71) **QLT PHOTOTHERAPEUTICS, INC.** [CA/CA]; 520 West 6th Avenue, Vancouver, British Columbia V5Z 4H5 (CA). **THE UNIVERSITY OF BRITISH COLUMBIA** [CA/CA]; The UBC University–Industry Liaison Office, IRC Room 331, 2194 Health Sciences Mall, Vancouver, British Columbia V6T 1Z3 (CA).

(72) **GRANVILLE, David, J.**; 520 West 6th Avenue, Vancouver, British Columbia V5Z 4H5 (CA). **LEVY, Julia, G.**; 1034 West 36th Street, Vancouver, British Columbia V6J 4Z3 (CA). **HUNT, David, W., C.**; 520 West 6th Avenue, Vancouver, British Columbia V5Z 4H5 (CA).

(74) **ROBINSON, J., Christopher** et al. / etc.; Fetherstonhaugh & Co., Box 11560, Vancouver Centre, Suite 2200, 650 West Georgia Street, Vancouver, British Columbia V6B 4N8 (CA).

(81) AU CA CN CZ FI HU JP KR MX NO NZ PL VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22099** (13) A2

(21) PCT/EP97/06225

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) MI96A002408 (32) **19 Nov/nov 1996** (33) IT **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 31/00

(54) NEW USE OF CREATINE
NOUVELLE UTILISATION DE LA CREATINE

(71) **MONSANTO ITALIANA S.P.A.** [IT/IT]; Via Walter Tobagi, 8, I–20068 Peschiera Borromeo (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANELLI, Marco** [IT/IT]; Via Salvo D'Acquisto, 9, I–20061 Carugate (IT). **STRUMIA, Ettore** [IT/IT]; Via Amerigo Vespucci, 29, I–10129 Torino (IT).

(74) **MANCINI, Vincenzo** et al. / etc.; Ing. A. Giambrocono & C. s.r.l., Via Rosolino Pilo, 19/B, I–20129 Milan (IT).

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

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(11) **WO 98/22100** (13) A2

(21) PCT/EP97/06408

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 9624038.7 (32) **19 Nov/nov 1996** (33) GB **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 31/00, 31/135, 31/13

(54) NEW USE FOR 1,3–PROPANEDIOL DERIVATIVES
NOUVELLE UTILISATION DE DERIVES DE 1,3–PROPANEDIOL

(71) **NOVARTIS AG** [CH/CH]; Schwarzwaldallee 215, CH–4058 Basel (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COTTENS, Sylvain** [CH/CH]; In den Reben 12, CH–4108 Witterswil (CH). **HOF, Robert, Paul** [CH/CH]; Im Huebacher 12, CH–4460 Gelterkinden (CH). **WENGER, Roland** [CH/CH]; Grenzacherweg 45, CH–4125 Riehen (CH).

(74) **ROTH, Bernhard, M.**; Novartis AG, Patent– und Markenabteilung, Lichtstrasse 35, CH–4002 Basel (CH).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22101** (13) A2

(21) PCT/US97/21489

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 60/031,404 (32) **19 Nov/nov 1996** (33) US **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 31/00, 31/415, 31/18, 31/42

(54) METHOD OF USING CYCLOOXYGENASE–2 INHIBITORS AS ANTI–ANGIOGENIC AGENTS
PROCEDE D'UTILISATION D'INHIBITEURS DE CYCLO–OXYGENASE–2 COMME AGENTS ANTI–ANGIOGENIQUES

(63) US 60/031,404 (CON)
19 Nov/nov 1996 (19.11.1996)

(71) **G.D. SEARLE & CO.** [US/US]; Corporate Patent Dept., P.O. Box 5110, Chicago, IL 60680–5110 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MASFERRER, Jaime, L.** [CL/US]; 1213 Blairshire, Ballwin, MO 63011 (US). **RAZ, Amiram** [IL/IL]; Tarad Street 9, Ramat–Gan, 52503 Israel (IL).

(74) **BULOCK, Joseph, W.**; 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 GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22102** (13) A1

(21) PCT/GB97/03169

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 08/754,611 (32) **20 Nov/nov 1996** (33) US **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 31/045

(54) PHARMACEUTICAL COMPOSITIONS CONTAINING 3–IODO–1,2–PROPANEDIOL HAVING MUCOLYTIC ACTIVITY
COMPOSITIONS PHARMACEUTIQUES QUI RENFERMENT DU 3–IODO–1,2–PROPANEDIOL PRESENTANT UNE ACTIVITE MUCOLYTIQUE

(71) **CARTER–WALLACE, INC.** [US/US]; 1345 Avenue of the Americas, New York, NY 10105 (US).
(for all designated States except / pour tous les États désignés sauf MG US)

(71) **McCALL, John, Douglas** [GB/GB]; 25 Haddon Drive, Pensby, Wirral, Merseyside L61 8TF (GB).
(only for / seulement pour MG)

(72, 75) **SOFIA, Robert, Duane** [US/US]; 11 Endwell Lane, Willingboro, NJ 08046 (US).

(74) **W.P. THOMPSON & CO.**; Coopers Building, Church Street, Liverpool L1 3AB (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22103** (13) A1

(21) PCT/GB97/03102

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 9623833.2 (32) **16 Nov/nov 1996** (33) GB **(16.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 31/165, C07C 235/56

(54) RAF KINASE INHIBITORS
INHIBITEURS DE LA KINASE RAF

(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) **HEDGE, Philip, John** [GB/GB]; (GB). **BOYLE, Francis, Thomas** [GB/GB]; Alderley Park, Macclesfield, Cheshire SK10 4TG (GB).

(74) **TINSLEY, Rachel, Maria**; Zeneca Pharmaceuticals, Intellectual Property Dept., Mereside, Alderley Park, Macclesfield, Cheshire SK10 4TG (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22104** (13) A2

(21) PCT/US97/21484

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 60/033,332 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(31) 08/831,402 (32) **1 Apr/avr 1997 (01.04.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 31/18

(54) TREATMENT OF NEURODEGENERATIVE CONDITIONS WITH NIMESULIDE
TRAITEMENT DE PATHOLOGIES NEURODEGENERATIVES PAR DU NIMESULIDE

(71, 72) **PASINETTI, Giulio, Maria** [IT/US]; 134 East 93rd Street, New York, NY 10028 (US). **AISEN, Paul, S.** [US/US]; 26 Broadmoor Road, Scarsdale, NY 10583 (US).

(74) **CLARK, Richard, S.** et al. / etc.; Baker & Botts, LLP, 30 Rockefeller Plaza, New York, NY 10112 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22105** (13) A1

(21) PCT/JP97/04152

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) ja (26) ja

(31) 8/318541 (32) **15 Nov/nov 1996 (15.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 31/195, 9/20, 47/38

(54) TABLETTED PREPARATION
PREPARATION EN COMPRIMES

(71) **AJINOMOTO CO., INC.** [JP/JP]; 15–1, Kyobashi 1–chome, Chuo–ku, Tokyo 104 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YABUKI, Akira** [JP/JP]; Central Research Laboratories, Ajinomoto Co., Inc., 1–1, Suzuki–cho, Kawasaki–ku, Kawasaki–shi, Kanagawa–ken 210 (JP). **KAIDA, Masato** [JP/JP]; Central Research Laboratories, Ajinomoto Co., Inc., 1–1, Suzuki–cho, Kawasaki–ku, Kawasaki–shi, Kanagawa–ken 210 (JP). **ANDO, Takahiko** [JP/JP]; Central Research Laboratories, Ajinomoto Co., Inc., 1–1, Suzuki–cho, Kawasaki–ku, Kawasaki–shi, Kanagawa–ken 210 (JP). **NINOMIYA, Nobutaka** [JP/JP]; Central Research Laboratories, Ajinomoto Co., Inc., 1–1, Suzuki–cho, Kawasaki–ku, Kawasaki–shi, Kanagawa–ken 210 (JP). **OZAKI, Masanao** [JP/JP]; Central Research Laboratories, Ajinomoto Co., Inc., 1–1, Suzuki–cho, Kawasaki–ku, Kawasaki–shi, Kanagawa–ken 210 (JP).

(74) **NAKAMURA, Minoru** et al. / etc.; Shin–Tokyo Building, Room 646, 3–1, Marunouchi 3–chome, Chiyoda–ku, Tokyo 100 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22106** (13) A1

(21) PCT/US97/20794

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/754,390 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 31/425, 31/535, 31/55, 47/10, 47/12, 9/48

(54) PHARMACEUTICAL COMPOSITION
COMPOSITION PHARMACEUTIQUE

(71) **ABBOTT LABORATORIES** [US/US]; CHAD 0377/AP6D–2, 100 Abbott Park Road, Abbott Park, IL 60064–3500 (US).

(72) **LIPARI, John**; 6600 Apollo Drive, Racine, WI 53406 (US). **AL–RAZZAK, Laman, A.**; 2325 Hybernia Drive, Highland Park, IL 60035 (US). **GHOSH, Soumojeet**; Apartment 2A, 219 Dittmer Lane, Lindenhurst, IL 60046 (US). **GAO, Rong**; Apartment 201, 4255 Greenleaf Court, Park City, IL 60085 (US). **KAUL, Dilip**; 4334 Buckingham Drive, Gurnee, IL 60031 (US).

(74) **CROWLEY, Steven, R.** et al. / etc.; Abbott Laboratories, CHAD 0377/AP6D–2, 100 Abbott Park Road, Abbott Park, IL 60064–3500 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22107** (13) A1

(21) PCT/FR97/02047

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) fr (26) fr

(31) 96/14062 (32) **19 Nov/nov 1996 (19.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 31/44, 31/42, 47/02

(54) STABILISED PHARMACEUTICAL COMPOSITIONS, WITH QUINUPRISTINE AND DALFOPRISTINE BASE AND THEIR PREPARATION
COMPOSITIONS PHARMACEUTIQUES STABILISEES, A BASE DE QUINUPRISTINE ET DE DALFOPRISTINE ET LEUR PREPARATION

(71) **RHONE–POULENC RORER S.A.** [FR/FR]; 20, rue Raymond Aron, F–92160 Antony (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOUNINE, Jean–Paul** [FR/FR]; 35 bis, rue Georges Médéric, F–94700 Maisons Alfort (FR). **CONRATH, Guillaume** [FR/FR]; 424, avenue de la Division Leclerc, F–92290 Châtenay Malabry (FR).

(74) **LOBJOIS, Françoise**; Rhône–Poulenc Rorer S.A., Direction Brevets, 20, avenue Raymond Aron, F–92165 Antony Cedex (FR).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE GH HU ID IL 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; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22108** (13) A1

(21) PCT/US97/20955

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 60/031,468 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(31) 9700559.9 (32) **13 Jan/jan 1997 (13.01.1997)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 31/44

(54) TRIARYL SUBSTITUTED IMIDAZOLES AND METHODS OF USE
IMIDAZOLES A SUBSTITUTION TRIARYLE ET LEURS PROCEDES D'UTILISATION

(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) **CHANG, Linda, L.** [CA/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).

(74) **MERCK & CO., INC.**; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE HU ID IL 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 UA US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22109** (13) A1

(21) PCT/US97/21020

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 60/031,466 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(31) 9700540.9 (32) **13 Jan/jan 1997 (13.01.1997)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 31/44, C07D 401/00

(54) TRIARYL SUBSTITUTED IMIDAZOLES AS GLUCAGON ANTAGONISTS
IMIDAZOLES A SUBSTITUTION TRIARYLE EN TANT QU'ANTAGONISTES DU GLUCAGON

(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) **CHANG, Linda, L.** [CA/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).

(74) **MERCK & CO., INC.**; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE HU ID IL 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 UA US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22110** (13) A1

(21) PCT/US97/21230

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 60/031,439 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 31/44, C07D 401/00, 413/00, 211/70, C07C 261/00, 229/00

(54) PRODRUGS FOR THE SELECTIVE INHIBITION OF MONOAMINE OXIDASE–B
PROMEDICAMENTS POUR L'INHIBITION SELECTIVE DE LA MONOAMINE OXYDASE–B

(71) **VIRGINIA TECH INTELLECTUAL PROPERTIES, INC.** [US/US]; Suite 106, 1900 Kraft Drive, Blacksburg, VA 24060 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CASTAGNOLI, Neal, Jr.** [US/US]; 3668 Laurel Drive, Blacksburg, VA 24060 (US). **FLAHERTY, Patrick** [US/US]; 2644 Moundview Drive, Lawrence, KS 66049 (US). **CASTAGNOLI, Kay** [US/US]; 3668 Laurel Drive, Blacksburg, VA 24060 (US). **WANG, You–Xiong** [US/US]; 1813 Garyland Drive #3, Blacksburg, VA 24060 (US).

(74) **WHITHAM, Michael, E.**; Whitham, Curtis & Whitham, Reston International Center, Suite 900, 11800 Sunrise Valley Drive, Reston, VA 20191 (US).

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

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(11) **WO 98/22111** (13) A1

(21) PCT/JP97/04199

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) ja (26) ja

(31) 8/309546 (32) **20 Nov/nov 1996 (20.11.1996)** (33) JP

(31) 9/306712 (32) **10 Nov/nov 1997 (10.11.1997)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 31/445

(54) ANTI–HELICOBACTER PYLORI DRUGS
MEDICAMENTS ANTI–HELICOBACTER PYLORI

(71) **KYORIN PHARMACEUTICAL CO., LTD.** [JP/JP]; 5, Kanda Surugadai 2–chome, Chiyoda–ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOMO, Kenjiro** [JP/JP]; 22–24, Nakatsuma 4–chome, Ageo–shi, Saitama 362 (JP). **ISHIBASHI, Yuji** [JP/JP]; 425, Mihashi 2–chome, Ohmiya–shi, Saitama 331 (JP).

(74) **NIIBE, Koji** et al. / etc.; Room 424, Marunouchi–Yaesu Building, 6–2, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100 (JP).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU IL IS 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; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22112** (13) A1

(21) PCT/US97/10246

(22) **12 Jun/juin 1997 (12.06.1997)**

(25) en (26) en

(31) 60/031,726 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 31/495, C07D 241/04, 401/12

(54) DRUG RESISTANCE AND MULTIDRUG RESISTANCE MODULATORS
MODULATEURS DE LA RESISTANCE AUX MEDICAMENTS ET DE LA RESISTANCE MULTIPLE AUX MEDICAMENTS

(71) **ELI LILLY AND COMPANY** [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KROIN, Julian, S.** [US/US]; 8418 Hilltop Drive, Indianapolis, IN 46234 (US). **NORMAN, Bryan, H.** [US/US]; 8648 Admirals Bay Drive, Indianapolis, IN 46236 (US).

(74) **BRUMM, Margaret, M.** et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (US).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22113** (13) A1

(21) PCT/US97/20875

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/749,703 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 31/565, 47/48

(54) METHODS OF PREVENTION AND TREATMENT OF ISCHEMIC DAMAGE
METHODES DE PREVENTION ET DE TRAITEMENT DE LESIONS ISCHEMIQUES

(71) **UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED** [US/US]; 223 Grinter Hall, Gainesville, FL 32611 (US).

(72) **SIMPKINS, James, W.**; 1722 N.W. 11th Road, Gainesville, FL 32604 (US).

(74) **SUNSTEIN, Bruce, D.** et al. / etc.; Bromberg & Sunstein LLP, 125 Summer Street, Boston, MA 02110–1618 (US).

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

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(11) **WO 98/22114** (13) A1

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(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 1297/96 (32) **15 Nov/nov 1996 (15.11.1996)** (33) DK

(31) 60/035,444 (32) **30 Jan/jan 1997 (30.01.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 31/70, 31/73, 9/16, 9/70

(54) A METHOD FOR PROMOTING TISSUE REPAIR
PROCEDE VISANT A PROMOUVOIR LA REPARATION TISSULAIRE

(71) **DUMEX–ALPHARMA A/S** [DK/DK]; Dalslandsgade 11, DK–2300 Copenhagen S (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JORGENSEN, Thorsten** [DK/DK]; Vangebovej 73, DK–2840 Holte (DK). **MØSS, Judi** [DK/DK]; Kollemosevej 33D, DK–2840 Holte (DK). **NICOLAJSEN, Henrik, Vigan** [DK/DK]; Ahorngade 6C 1.th., DK–2200 Copenhagen N (DK). **NIELSEN, Lise, Sylvest** [DK/DK]; Hjelmsgade 7 3.th., DK–2100 Copenhagen Ø (DK).

(74) **PLOUGMANN, VINGTOFT & PARTNERS**; Sankt Annæ Plads 11, P.O. Box 3007, DK–1021 Copenhagen K (DK).

(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 ES FI FI (Utility model / modèle d'utilité) GB GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22115** (13) A1

(21) PCT/JP97/04254

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) ja (26) ja

(31) 8/311668 (32) **22 Nov/nov 1996 (22.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 31/70, C07H 17/08

(54) THERAPEUTIC AGENT FOR ENTEROHEMORRHAGIC ESCHARICHIA COLI INFECTIONS
AGENT THERAPEUTIQUE CONTRE LES INFECTIONS A ESCHERICHIA COLI ENTEROHEMORRAGIQUE

(71) **TAISHO PHARMACEUTICAL CO., LTD.** [JP/JP]; 24–1, Takata 3–chome, Toshima–ku, Tokyo 171 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAKATA, Koh** [JP/JP]; Tokyodaigaku Ikagakukenkyusho Biseibutsukabu Hozonshisetsu, 6–1, Shirokanedai 4–chome, Minato–ku, Tokyo 108 (JP). **KANEGASAKI, Shiro** [JP/JP]; Tokyodaigaku Ikagakukenkyusho Saikinkansen Kenkyubu, 6–1, Shirokanedai 4–chome, Minato–ku, Tokyo 108 (JP). **AKASHI, Toshi** [JP/JP]; Taisho Pharmaceutical Co., Ltd., 24–1, Takata 3–chome, Toshima–ku, Tokyo 171 (JP).

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

(81) AU BR CA CN CZ HU IL JP KR MX NO NZ PL SK TR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22116** (13) A1

(21) PCT/GB97/03146

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 9623962.9 (32) **15 Nov/nov 1996 (15.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 33/24, 31/78

(54) PHARMACEUTICAL COMPOSITION CONTAINING BISMUTH–POLYACRYLIC ACID COMPOUNDS
COMPOSITION PHARMACEUTIQUE CONTENANT DES COMPOSES DE BISMUTH ET D'ACIDE POLYACRYLIQUE

(71) **MEDEVA EUROPE LIMITED** [GB/GB]; 10 St. James's Street, London SW1A 1EF (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SACHETTO, Jean–Pierre** [FR/CH]; Hauptstrasse 27, CH–4417 Ziefen (CH).

(74) **MCMUNN, Watson, P.**; W.H. Beck, Greener & Co., 7 Stone Buildings, Lincoln's Inn, London WC2A 3SZ (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22117** (13) A1

(21) PCT/US97/21461

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/755,518 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 33/24

(54) COMPOSITIONS FOR THE TREATMENT OF GASTROINTESTINAL DISORDERS CONTAINING BISMUTH, AND NSAID AND ONE OR MORE ANTIMICROBIALS
COMPOSITIONS DE TRAITEMENT DE TROUBLES GASTRO–INTESTINAUX CONTENANT DU BISMUTH, DES ANTI–INFLAMMATOIRES NON STEROIDIENS AINSI QU'UN OU PLUSIEURS AGENTS ANTI–MICROBIENS ET METHODES CORRESPONDANTES

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

(72) **KAUNITZ, Jonathan, Davidson**; 2401 21st Street, Santa Monica, CA 90406 (US). **CARRYL, Owen, Rickford**; 6801 Lakewood Drive, Mason, OH 45040 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

(81) CA NO; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22118** (13) A1

(21) PCT/US97/21462

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/755,517 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 33/24

(54) COMPOSITIONS FOR THE TREATMENT OF GASTROINTESTINAL DISORDERS CONTAINING BISMUTH AND NSAID
COMPOSITIONS ET METHODES POUR TRAITER DES TROUBLES GASTRO–INTESTINAUX

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

(72) **KAUNITZ, Jonathan, Davidson**; 2401 21st Street, Santa Monica, CA 90406 (US). **CARRYL, Owen, Rickford**; 6801 Lakewood Drive, Mason, OH 45040 (US). **TANAKA, Shin**; 35, Shinanomachi, Shinjuku–ku, Tokyo 160 (JP).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

(81) CA CN CZ HU NO TR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22119** (13) A1

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(22) **18 Nov/nov 1997 (18.11.1997)**

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(31) 964935 (32) **20 Nov/nov 1996 (20.11.1996)** (33) NO

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 35/54

(54) UTILIZATION OF AN EGG–BASED PREPARATION AS AN ANTIDEPRESSANT
UTILISATION D'UNE PREPARATION A BASE D'OEUF EN TANT QU'ANTIDEPRESSEUR

(71) **DRYMED AS** [NO/NO]; langkaia 1, N–0150 Oslo (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ESKELAND, Bjødne** [NO/NO]; Von Øtkens vei 29, N–1430 Ås (NO).

(74) **HELGERUD, Jan, E.**; Bryns Patentkontor A/S, Postboks 765 Sentrum, N–0106 Oslo (NO).

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

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(11) **WO 98/22120** (13) A1

(21) PCT/US97/21116

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 60/031,169 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 38/00, C07K 2/00, 4/00, 5/00, 7/00, 14/00, 16/00, 17/00, C12Q 1/00

(54) DIAGNOSTIC AND THERAPEUTIC REAGENTS FOR ALZHEIMER'S DISEASE
REACTIFS POUR TRAITER ET DIAGNOSTIQUER LA MALADIE D'ALZHEIMER

(63) US 60/031,169 (CIP)
19 Nov/nov 1996 (19.11.1996)

(71) **THE WISTAR INSTITUTE OF ANATOMY & BIOLOGY** [US/US]; 3601 Spruce Street, Philadelphia, PA 19104 (US). **TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA** [US/US]; Suite 300, 3700 Market Street, Philadelphia, PA 19104 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OTVOS, Laszlo** [US/US]; 801 Mockingbird Lane, Audubon, PA 19403 (US). **HOFFMANN, Ralf** [DE/US]; 6812 Drexelbrook Drive, Drexel Hill, PA 19026 (US). **LEE, Virginia, M–Y.** [US/US]; 2005 Pine Street, Philadelphia, PA 19103 (US).

(74) **KODROFF, Cathy, A.** et al. / etc.; Howson and Howson, Spring House Corporate Center, P.O. Box 457, Spring House, PA 19477 (US).

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

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(11) **WO 98/22121** (13) A1

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(22) **20 Nov/nov 1997 (20.11.1997)**

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(31) 60/031,596 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 38/00, 38/14

(54) REDUCTIVE ALKYLATION OF GLYCOPEPTIDE ANTIBIOTICS
ALKYLATION REDUCTRICE D'ANTIBIOTIQUES GLYCOPEPTIDIQUES

(71) **ELI LILLY AND COMPANY** [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERGLUND, Richard, A.** [US/US]; 4208 Oak Hill Drive, Lafayette, IN 47905 (US). **LOCKWOOD, Nancy, A.** [US/US]; 23303 Cedar Way, Mountlake Terrace, WA 98043 (US). **MAGADANZ, Howard, E.** [US/US]; 2325 Ellen Drive, Lafayette, IN 47905 (US). **ZHENG, Hua** [CN/US]; 1404 Patomic Avenue, Lafayette, IN 47905 (US).

(74) **PAGE, Kathleen, R., S.** et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (US).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/22122** (13) A1

(21) PCT/US97/21509

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 60/031,428 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 38/00, 38/08, 38/11, C07K 7/00, 7/04

(54) ALKYL PEPTIDE AMIDES AND APPLICATIONS
AMIDES D'ALKYLE PEPTIDE ET APPLICATIONS

(71) **PROMEGA CORPORATION** [US/US]; 2800 Woods Hollow Road, Madison, WI 53711–5399 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GOUELI, Said, A.** [US/US]; 2654 Placid Street, Madison, WI 53711 (US).

(74) **FRENCHICK, Grady, J.** et al. / etc.; Stroud, Stroud, Willink, Thompson & Howard, Suite 300, 25 West Main Street, P.O. Box 2236, Madison, WI 53701–2236 (US).

(81) AM AT AU 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 LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22123** (13) A1

(21) PCT/DE96/02228

(22) **18 Nov/nov 1996 (18.11.1996)**

(25) de (26) de

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 38/01, 31/195, A23L 1/305 // (A61K 38/01, 31:44, 31:68)

(54) AGENT FOR THE METABOLIC TREATMENT OF MULTIPLE SCLEROSIS
AGENT POUR LE TRAITEMENT METABOLIQUE DE LA SCLEROSE EN PLAQUES

(71) **PERMSELECT GESELLSCHAFT FÜR ZELLSTRUKTURIERTE MATERIALIEN MBH** [DE/DE]; Glienicker Weg 185, D–12489 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **KLUGE, Ralf** [DE/DE]; Kleiststrasse 3, D–06114 Halle (DE). **WASICKI, Peter** [DE/DE]; Rietzerstrasse 22, D–10409 Berlin (DE).

(72, 75) **WESTPHAL, Günter** [DE/DE]; Mellenseestrasse 25, D–10319 Berlin (DE).

(74) **WALTER, Wolf–Jürgen**; Normannenstrasse 1–2, D–10367 Berlin (DE).

(81) AU BG CA CN CZ EE HU IL IS JP KR NO NZ PL SK TR UA US VN; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22124** (13) A1

(21) PCT/SE97/01957

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 9604300–5 (32) **22 Nov/nov 1996 (22.11.1996)** (33) SE

(31) 9703929–1 (32) **28 Oct/oct 1997 (28.10.1997)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 38/08

(54) USE OF GROWTH HORMONE SECRETAGOGUE COMPOUND FOR TREATING CARDIAC FAILURE OR RELATED VASCULAR DYSFUNCTION
UTILISATION D'UN COMPOSE SECRETAGOGUE DE L'HORMONE DE CROISSANCE POUR LE TRAITEMENT DE LA DEFAILLANCE CARDIAQUE OU D'UN DYSFONCTIONNEMENT VASCULAIRE APPARENTE

(71) **PHARMACIA & UPJOHN AB** [SE/SE]; SE–112 87 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERTI, Ferruccio** [IT/IT]; University of Milan, Dept. of Pharmacology, Chemotherapy and Medical Toxicology, Via Vanvitelli, 32, I–20129 Milan (IT). **DE GENNARO COLONNA, Vito** [IT/IT]; University of Milan, Dept. of Pharmacology, Chemotherapy and Medical Toxicology, Via Vanvitelli, 32, I–20129 Milan (IT). **MÜLLER, Eugenio** [IT/IT]; University of Milan, Dept. of Pharmacology, Chemotherapy and Medical Toxicology, Via Vanvitelli, 32, I–20129 Milan (IT). **ROSSONI, Giuseppe** [IT/IT]; University of Milan, Dept. of Pharmacology, Chemotherapy and Medical Toxicology, Via Vanvitelli, 32, I–20129 Milan (IT). **BOGHEN, Muny** [IT/IT]; Via Vignate, 59/A, I–27025 Gambolo (IT). **NILSSON, Magnus** [SE/SE]; Rimbertsvägen 11, S–126 50 Hägersten (SE).

(74) **TANNERFELDT, Agneta** et al. / etc.; Pharmacia & Upjohn AB, S–112 87 Stockholm (SE).

(81) AU CA CN CZ HU IL JP KR MX NO NZ PL RU SK US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22125** (13) A1

(21) PCT/US97/21075

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 60/031,359 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 38/08

(54) PEPTIDOMIMETICS CONTAINING 6–PEPTIDYLAMINO–1–NAPHTHALENESULFONAMIDE MOIETIES
PEPTIDOMIMETIQUES CONTENANT DES FRACTIONS DE 6–PEPTIDYLAMINO–1–NAPHTALENESULFONAMIDE

(63) US 60/031,359 (CIP)
19 Nov/nov 1996 (19.11.1996)

(71, 72) **BUTENAS, Saulius** [LT/US]; 76 Oakwood Drive, South Burlington, VT 05403 (US). **MANN, Kenneth, G.** [US/US]; 72 East Shore Road South, Grand Isle, VT 05458 (US).

(74) **SARUSSI, Steven, J.**; McDonnell Boehnen Hulbert & Berghoff, 300 South Wacker Drive, Chicago, IL 60606 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22126** (13) A1

(21) PCT/US97/20669

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 60/031,141 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 38/10

(54) USE OF CONOTOXIN PEPTIDES ImI AND MII AS CARDIOVASCULAR AGENTS
UTILISATION DES PEPTIDES DE CONOTOXINE IMI ET MII EN TANT QU'AGENTS CARDIO–VASCULAIRES

(71) **UNIVERSITY OF UTAH RESEARCH FOUNDATION** [US/US]; Suite 170, 421 Wakara Way, Salt Lake City, UT 84108 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **McINTOSH, J., Michael** [US/US]; 1151 South 2000 East, Salt Lake City, UT 84108 (US). **OLIVERA, Baldomero, M.** [PH/US]; 1370 Bryan Avenue, Salt Lake City, UT 84108 (US). **YOSHIKAMI, Doju** [US/US]; 1074 East 600 South, Salt Lake City, UT 84102 (US).

(74) **IHNEN, Jeffrey, L.** et al. / etc.; Rothwell, Figg, Ernst & Kurz, Columbia Square, Suite 701 East, 555 13th Street, N.W., Washington, DC 20004 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22127** (13) A1

(21) PCT/CA97/00859

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 60/030,485 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 38/18, 48/00

(54) PRETREATMENT WITH GROWTH FACTORS TO PROTECT AGAINST CNS DAMAGE
PRETRAITEMENT A L'AIDE DE FACTEURS DE CROISSANCE AFIN DE PROTEGER LE SYSTEME NERVEUX CENTRAL CONTRE TOUT ENDOMMAGEMENT

(71) **NEUROSPHERES HOLDINGS LTD.** [CA/CA]; 83 Heritage Medical Building, 3330 Hospital Drive N.W., Calgary, Alberta T2N 4N1 (CA).

(72) **REYNOLDS, Brent**; 844 Beaverpoint Road, Salt Spring Island, British Columbia V8K 1X9 (CA). **POULIN, Paule**; 1932 Uxbridge Drive N.W., Calgary, Alberta T2N 3Z2 (CA).

(74) **BENNETT JONES VERCHERE**; 4500, 855 – 2nd Street S.W., Calgary, Alberta T2P 4K7 (CA).

(81) AU CA CN FI JP MX NO; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22128** (13) A1

(21) PCT/IT97/00283

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) RM96A000790 (32) **19 Nov/nov 1996 (19.11.1996)** (33) IT

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 38/18, 48/00 // (A61K 38/18, 38:22)

(54) USE OF CNTF (CILIARY NEUROTROPHIC FACTOR) RECEPTOR ACTIVATORS FOR THE TREATMENT OF OBESITY
UTILISATION D'ACTIVATEURS DES RECEPTEURS DU CNTF (FACTEUR NEUROTROPHIQUE CILIAIRE) POUR LE TRAITEMENT DE L'OBESITE

(71) **ISTITUTO DI RICERCHE DI BIOLOGIA MOLECOLARE P. ANGELETTI S.P.A.** [IT/IT]; Via Pontina Km. 30.600, I–00040 Pomezia (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CILIBERTO, Gennaro** [IT/IT]; Viale Colli Portuensi, 242, Pal. 6, I–00151 Rome (IT). **COSTA, Patrizia** [IT/IT]; Via S. Martino ai Monti, 60, I–00184 Rome (IT). **PAONESSA, Giacomo** [IT/IT]; Via Sofocle, 65, I–00125 Rome (IT). **LAZZARO, Domenico** [IT/IT]; Via Attilio Friggeri, 146, I–00136 Rome (IT). **GLOAGUEN, Isabelle** [FR/IT]; Via Lamarmora, 54, I–00040 Pomezia (IT). **DI MARCO, Annalise** [IT/IT]; Via Ugo Foscolo, 5, I–02100 Rieti (IT). **DE MARTIS, Anna** [IT/IT]; Via Leopoldo Ruspoli, 64, I–00149 Rome (IT). **LAUFER, Ralph** [AT/IT]; Via Montagne Rocciose, 68, I–00144 Rome (IT). **CORTESE, Riccardo** [IT/IT]; Via Massimiliano Massimo, 16, I–00144 Rome (IT).

(74) **DI CERBO, Mario** et al. / etc.; Società Italiana Brevetti S.p.A., Piazza di Pietra, 39, I–00186 Roma (IT).

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

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(11) **WO 98/22129** (13) A1

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(22) **21 Nov/nov 1997 (21.11.1997)**

(25) ja (26) ja

(31) 8/311687 (32) **22 Nov/nov 1996 (22.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 38/19

(54) THERAPEUTIC AGENT FOR OPHTHALMIC DISEASES
AGENT THERAPEUTIQUE POUR MALADIES OPHTALMIQUES

(71) **TORAY INDUSTRIES, INC.** [JP/JP]; 2–1, Nihonbashi Muromachi 2–chome, Chuo–ku, Tokyo 103 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **UYAMA, Masanobu** [JP/JP]; 13–8, Okamedani–naizen–cho, Fukakusa, Fushimi–ku, Kyoto–shi, Kyoto 612 (JP). **TAKAHASHI, Kanji** [JP/JP]; 9–18, Yamanoue 2–chome, Hirakata–shi, Osaka 573 (JP). **SONE, Saburo** [JP/JP]; 1120–3, Yoshida–cho, Totsuka–ku, Yokohama–shi, Kanagawa 244 (JP). **KIJIMA, Atsushi** [JP/JP]; 1–3–804, Hikarigaoka 6–chome, Nerima–ku, Tokyo 179 (JP). **UTSUMI, Jun** [JP/JP]; Shariehodogayakoen 606, 17–1, Hatsunegaoka, Hodogaya–ku, Yokohama–shi, Kanagawa 240 (JP).

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

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(11) **WO 98/22130** (13) A1

(21) PCT/US97/21393

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 08/752,075 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(31) Not furnished / non communiqué (32) **4 Nov/nov 1997 (04.11.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 38/20

(54) LOCAL USE OF IL–1RA IN CORNEAL TRANSPLANT REJECTION OR DISORDERS OF THE EYE
UTILISATION LOCALE DE IL–1ra POUR LE TRAITEMENT DES REJETS DE GREFFONS CORNEENS ET D'AUTRES TROUBLES DE L'OEIL

(71) **THE SCHEPENS EYE RESEARCH INSTITUTE, INC.** [US/US]; 20 Staniford Street, Boston, MA 02114 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DANA, M., Reza** [US/US]; 341 Harvard Street, Cambridge, MA 02138 (US).

(74) **HEINE, Holliday, C.** et al. / etc.; Weingarten, Schurgin, Gagnebin & Hayes LLP, Ten Post Office Square, Boston, MA 02109 (US).

(81) AU BR CA CN CZ IL JP KR MX NO SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 60/030,931 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 38/24, 38/17, 31/70, 38/48, 38/00, 38/55

(54) MODULATORS OF OVARIAL APOPTOSIS RELATED TO IAP
MODULATEURS DE L'APOPTOSE OVARIENNE LIES AUX IAP

(63) US 60/030,931 (CIP)
15 Nov/nov 1996 (15.11.1996)

(71) **UNIVERSITY OF OTTAWA** [CA/CA]; 550 Cumberland Street, Ottawa, Ontario K1N 6N5 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TSANG, Benjamin, K.** [CA/CA]; 1053 Carling Avenue, Ottawa, Ontario K1Y 4E9 (CA). **KORNELUK, Robert, G.** [CA/CA]; 1901 Tweed Avenue, Ottawa, Ontario K1G 2L8 (CA).

(74) **DEETH WILLIAMS WALL**; National Bank Building, Suite 400, 150 York Street, Toronto, Ontario M5H 3S5 (CA).

(81) AU CA CN JP NO SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22132** (13) A1

(21) PCT/US97/21696

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 60/031,194 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(31) 60/035,266 (32) **12 Dec/déc 1996 (12.12.1996)** (33) US

(31) 60/053,200 (32) **21 Jul/juil 1997 (21.07.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 38/46, 31/135, 31/46 // (A61K 31/135, 31:135)

(54) A METHOD AND COMPOSITION FOR ENABLING PASSAGE THROUGH THE BLOOD–BRAIN BARRIER
METHODE ET COMPOSITION PERMETTANT LE PASSAGE A TRAVERS LA BARRIERE HEMATO–ENCEPHALIQUE

(71) **YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM** [IL/IL]; Jabotinsky Street 46, P.O. Box 4279, 91042 Jerusalem (IL).
(for all designated States except / pour tous les États désignés sauf US)

(71) **KOHN, Kenneth, I.** [US/US]; 6761 Alderly Way, West Bloomfield, MI 48322 (US).
(only for / seulement pour MW)

(72, 75) **SOREQ, Hermona** [IL/IL]; HaMaayan Street_14, 95903 Jerusalem (IL). **FRIEDMAN, Alon** [IL/IL]; Moshav Maslul, 85112 M. Post HaNeguev (IL). **SEIDMAN, Shlomo** [IL/IL]; 90909 Neve Daniel (IL). **KAUFER, Daniela** [IL/IL]; Haguilboa Street_10/6, 90805 Mevasseret Zion (IL).

(74) **KOHN, Kenneth, I.** et al. / etc.; Kohn & Associates, Suite 410, 30500 Northwestern Highway, Farmington Hills, MI 48334 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(21) PCT/US97/20992

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 60/031,160 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 39/09, C12N 5/10, 15/31, A01N 37/18, C07H 21/04

(54) NOVEL FabD
NOUVEAUX FabD

(71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GENTRY, Daniel, Robert** [US/US]; 1378 Sheep Hill Road, Pottstown, PA 19465 (US). **LONSDALE, John, Timothy** [GB/US]; 407 Edgewood Drive, Exton, PA 19341 (US). **PAYNE, David, John** [GB/US]; 618 Waterfall Way, Phoenixville, PA 19460 (US). **PEARSON, Stewart, Campbell** [GB/US]; 75 Highpoint Drive, Berwyn, PA 19313 (US). **ALLER, Glenn, Van** [US/US]; 799 Gibraltar Road, Reading, PA 19606 (US).

(74) **GIMMI, Edward, R.** 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 DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22134** (13) A1

(21) PCT/US97/21340

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/751,474 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 39/09, 38/00, C12P 21/00, C07K 1/00, 16/00, G01N 33/53

(54) BIOSYNTHETIC GENE *murG* FROM *STREPTOCOCCUS PNEUMONIAE*
GENE BIOSYNTHETIQUE *murG* PROVENANT DE *STREPTOCOCCUS PNEUMONIAE*

(63) US 08/751,474 (CON)
19 Nov/nov 1996 (19.11.1996)

(71) **ELI LILLY AND COMPANY** [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOSKINS, Jo, Ann** [US/US]; 8229 Tern Court, Indianapolis, IN 46256 (US). **PEERY, Robert, B.** [US/US]; 372 Sycamore Street, Brownsburg, IN 46112 (US). **SKATRUD, Paul, L.** [US/US]; 5233 Tony Drive, Greenwood, IN 46143 (US).

(74) **WEBSTER, Thomas, D.** et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (US).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22135** (13) A1

(21) PCT/SE97/01927

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 9604296–5 (32) **22 Nov/nov 1996 (22.11.1996)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 39/106, 9/127 // C07K 14/205

(54) PHARMACEUTICAL LIPID AGGREGATE WITH HELICOBACTER PYLORI ANTIGEN AND NEGATIVELY CHARGED LIPID
AGREGAT LIPIDIQUE PHARMACEUTIQUE PRESENTANT UN ANTIGENE D'HELICOBACTER PYLORI ET UN LIPIDE A CHARGE NEGATIVE

(71) **ASTRA AKTIEBOLAG** [SE/SE]; S–151 85 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERGLINDH, Thomas** [SE/SE]; Ripvägen 5, S–756 53 Uppsala (SE). **LÖFROTH, Jan–Erik** [SE/SE]; Ringleken 13, S–431 69 Mölndal (SE).

(74) **ASTRA AKTIEBOLAG**; Patent Dept., S–151 85 Södertälje (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22136** (13) A2

(21) PCT/EP97/06452

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) de (26) de

(31) 96118489.2 (32) **19 Nov/nov 1996 (19.11.1996)** (33) EP

(34) DE et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 39/395, 47/18, 47/26

(54) STABLE LYOPHILIZED PHARMACEUTICAL SUBSTANCES FROM MONOCLONAL OR POLYCLONAL ANTIBODIES
PREPARATIONS PHARMACEUTIQUES LYOPHILISEES STABLES D'ANTICORPS MONOCLONAUX OU POLYCLONAUX

(71) **BOEHRINGER MANNHEIM GMBH** [DE/DE]; D–68298 Mannheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KALLMEYER, Georg** [DE/DE]; Buchener Strasse 71, D–68259 Mannheim (DE). **WINTER, Gerhard** [DE/DE]; Jahnstrasse 20e, D–69221 Dossenheim (DE). **KLESSEN, Christian** [DE/DE]; Hauptstrasse 26, D–67742 Lauterecken (DE). **WOOG, Heinrich** [DE/DE]; Lindenstrasse 6, D–69514 Laudenbach (DE).

(74) **BOEHRINGER MANNHEIM GMBH**; Patentabteilung, D–68298 Mannheim (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22137** (13) A1

(21) PCT/GB97/03151

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 08/749,979 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 39/395 // (A61K 39/395, 31:40)

(54) SUPPRESSION OF TNF α AND IL–12 IN THERAPY
SUPPRESSION DU FNTα ET DE IL–12 EN THERAPIE

(71) **THE KENNEDY INSTITUTE OF RHEUMATOLOGY** [GB/GB]; 1 Aspenlea Road, Hammersmith, London W6 8LH (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FELDMANN, Marc** [AU/GB]; 2 Church Road, Highgate, London N6 4QT (GB). **MALFAIT, Anne–Marie, Aline, Michel** [BE/GB]; 14A Elm Bank Mansions, The Terrace, Barnes, London SW13 0NS (GB). **BUTLER, Debra, Maree** [AU/GB]; 8 Camden House, The Brandries, Wallington, Surrey SM6 7NB (GB). **BRENNAN, Fionula, Mary** [AU/GB]; 41 Princes Road, Teddington, Londong TW11 0RL (GB). **MAINI, Ravinder, Nath** [GB/GB]; 151 Castelnau, Barnes, London SW13 9EW (GB).

(74) **HARVEY, David, Gareth** et al. / etc.; Graham Watt & Co., Riverhead, Sevenoaks, Kent TN13 2BN (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22138** (13) A1

(21) PCT/US97/21197

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/755,235 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 39/395

(54) METHOD FOR TREATING SYMPTOMS OF DIABETES
METHODE POUR TRAITER LES SYMPTOMES DU DIABETE

(71) **THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK** [US/US]; West 116th Street and Broadway, New York, NY 10027 (US).

(72) **STERN, David, M.**; 63 Tanners Road, Great Neck, NY 11020 (US). **SCHMIDT, Ann, Marie**; 242 Haven Road, Franklin Lakes, NJ 07417 (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 DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22139** (13) A1

(21) PCT/US97/21807

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 60/031,711 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 39/395, C07H 21/02, 21/04, C07K 14/435, 16/30, C12Q 1/68, G01N 33/574

(54) DETECTION OF GALECTIN–4 IN HUMAN TUMORS
DETECTION DE LA GALECTINE–4 DANS DES TUMEURS HUMAINES

(71) **LA JOLLA INSTITUTE FOR ALLERGY AND IMMUNOLOGY** [US/US]; 10355 Science Center Drive, San Diego, CA 92121 (US).

(72) **HUFLEJT, Margaret, E.**; 8536 Via Mallorca Drive #A, La Jolla, CA 92037 (US). **LIU, Fu–Tong**; 4351 Mensha Place, San Diego, CA 92130 (US).

(74) **HAILE, Lisa, A.**; Fish & Richardson P.C., Suite 1400, 4225 Executive Square, La Jolla, CA 92037 (US).

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

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(11) **WO 98/22140** (13) A2

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(22) **22 Nov/nov 1997 (22.11.1997)**

(25) en (26) en

(31) 60/031,668 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(31) 60/061,050 (32) **3 Oct/oct 1997 (03.10.1997)** (33) US

(31) 60/061,044 (32) **4 Oct/oct 1997 (04.10.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 47/48

(54) HYBRID COMPOSITIONS FOR INTRACELLULAR TARGETING
COMPOSITIONS HYBRIDES POUR CIBLAGE INTRACELLULAIRE

(63) US 60/031,668 (CIP)
22 Nov/nov 1997 (22.11.1997)
US 60/061,050 (CIP)
3 Oct/oct 1996 (03.10.1996)
US 60/061,044 (CIP)
4 Oct/oct 1997 (04.10.1997)

(71) **HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP** [CA/CA]; 555 University Avenue, Toronto, Ontario M5G 1X8 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARAB, Sara** [CA/CA]; Apartment 1107, 640 Sheppard Avenue East, North York, Ontario M2K 1B8 (CA). **LINGWOOD, Clifford, A.** [CA/CA]; 116 Kingsway Crescent, Toronto, Ontario M8X 2R9 (CA). **KHINE, Aye–Aye** [CA/CA]; 14 Marita Place, Concord, Ontario L4K 3J7 (CA).

(74) **FRITZ, Joachim, T.** et al. / etc.; Scott & Aylen, 1000–60 Queen Street, Ottawa, Ontario K1P 5Y7 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22141** (13) A2

(21) PCT/US97/18475

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 08/752,671 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 47/48

(54) ENHANCED EFFECTS FOR HAPTEN CONJUGATED THERAPEUTICS
EFFETS RENFORCES POUR THERAPEUTIQUE ASSOCIEE A L'HAPTENE

(71) **SANGSTAT MEDICAL CORPORATION** [US/US]; 1505–B Adams Drive, Menlo Park, CA 94025 (US).

(72) **BUELOW, Roland**; 2747 Ross Road, Palo Alto, CA 94303 (US). **LUSSOW, Alexander, R.**; 805 Roble Avenue #1, Menlo Park, CA 94025 (US).

(74) **TRECARTIN, Richard, F.** et al. / etc.; Flehr Hohbach Test Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111–4187 (US).

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

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(11) **WO 98/22142** (13) A1

(21) PCT/US96/18795

(22) **21 Nov/nov 1996 (21.11.1996)**

(25) en (26) en

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 48/00, 51/00, C07H 21/00, 21/04

(54) ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS FOR SELECTIVELY KILLING CANCER CELLS
COMPOSITIONS D'OLIGONUCLEOTIDES ANTISENS POUR TUER SELECTIVEMENT LES CELLULES CANCEREUSES

(71) **THE BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA** [US/US]; 3835 Holdrege Street, Lincoln, NE 68503 (US).

(72) **IVERSEN, Patrick, L.**; 3835 Holdrege Street, Lincoln, NE 68503 (US).

(74) **NEBEL, Heidi, S.**; Zarley, McKee, Thomte, Voorhees & Sease, Suite 3200, 801 Grand Avenue, Des Moines, IA 50309–2721 (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; AP (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 60/031,323 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(31) 60/037,081 (32) **4 Feb/fév 1997 (04.02.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 48/00, C12N 15/86

(54) CHIMERIC RETROVIRUS/ADENOVIRUS SYSTEM
SYSTEME CHIMERE RETROVIRUS/ADENOVIRUS

(71) **UNIVERSITY OF ALABAMA AT BIRMINGHAM RESEARCH FOUNDATION** [US/US]; 701 20th Street South, Birmingham, AL 35294–0011 (US).

(72) **CURIEL, David, T.**; 824 Linwood Drive, Birmingham, AL 35222 (US).

(74) **ADLER, Benjamin, A.**; McGregor & Adler, 8011 Candle Lane, Houston, TX 77071 (US).

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

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(11) **WO 98/22144** (13) A2

(21) PCT/US97/21496

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 08/755,035 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 48/00

(54) COMPLEXES OF ADENOVIRUS WITH CATIONIC MOLECULES
COMPLEXES ADENOVIRUS – MOLECULES CATIONIQUES

(71) **THE UNIVERSITY OF IOWA RESEARCH FOUNDATION** [US/US]; 214 Technology Innovation Center, Iowa City, IA 52319 (US).

(72) **WELSH, Michael, J.**; 3460 560th Street, Riverside, IA 52327 (US). **FASBENDER, Allen, J.**; 2765 Lake View Drive N.E., Solon, IA 52333 (US).

(74) **SEIDE, Rochelle, K.** et al. / etc.; Baker & Botts, LLP, 30 Rockefeller Plaza, New York, NY 10112 (US).

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

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(11) **WO 98/22145** (13) A1

(21) PCT/US97/21687

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/755,034 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 48/00, C12N 15/09, 15/79

(54) IMMUNIZATION OF INFANTS
IMMUNISATION DE NOURRISSONS

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

(71) **MOUNT SINAI SCHOOL OF MEDICINE OF THE CITY UNIVERSITY OF NEW YORK** [US/US]; One Gustave L. Levy Place, New York, NY 10029 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOT, Adrian** [RO/US]; Apartment 3, 14–16 East 105 Street, New York, NY 10029 (US). **BONA, Constantin** [US/US]; Apartment 4D, 333 East 55th Street, New York, NY 10022 (US).

(74) **CLARK, Richard, S.** et al. / etc.; Baker & Botts, L.L.P., 30 Rockefeller Plaza, New York, NY 10112 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22146** (13) A2

(21) PCT/DE97/02559

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) de (26) de

(31) 196 49 971.2 (32) **19 Nov/nov 1996 (19.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 49/00

(54) OPTICAL DIAGNOSTIC AGENTS FOR DIAGNOSIS OF NEURODEGENERATIVE DISEASES BY MEANS OF NEAR INFRA–RED RADIATION (NIR RADIATION)
AGENTS POUR ETABLIR UN DIAGNOSTIC PAR VOIE OPTIQUE DE MALADIES NEURODEGENERATIVES AU MOYEN D'UN RAYONNEMENT INFRAROUGE PROCHE

(71) **INSTITUT FÜR DIAGNOSTIKFORSCHUNG GMBH AN DER FREIEN UNIVERSITÄT BERLIN** [DE/DE]; Spandauer Damm 130, D–14050 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TURNER, Jonathan** [DE/DE]; Ortwindstrasse 7, D–13465 Berlin (DE). **DYRKS, Thomas** [DE/DE]; Käthe–Kollwitz–Strasse 25, D–16540 Hohenneuendorf (DE). **SEMMLER, Wolfhard** [DE/DE]; Jahnstrasse 17, D–13467 Berlin (DE). **LICHA, Kai** [DE/DE]; Argentinische Allee 179, D–14169 Berlin (DE). **RIEFKE, Björn** [DE/DE]; Königstrasse 25, D–14109 Berlin (DE).

(74) **WABLAT, Wolfgang**; Potsdamer Chaussee 48, D–14129 Berlin (DE).

(81) AU CA CN HU JP KR NO US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22147** (13) A1

(21) PCT/SE97/01949

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 9604302–1 (32) **22 Nov/nov 1996 (22.11.1996)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 49/00

(54) TESTKIT AND METHOD
KIT DE TEST ET PROCEDE CORRESPONDANT

(71) **PERIDOC AB** [SE/SE]; P.O. Box 6286, S–102 35 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BLOMLÖF, Leif** [SE/SE]; Krokusvägen 12, S–181 31 Lidingö (SE). **LINDSKOG, Sven** [SE/SE]; Kungstensgatan 56, S–113 29 Stockholm (SE). **ZETTERSTRÖM, Olle** [SE/SE]; Bergsringen 51, S–175 40 Järfälla (SE).

(74) **AWAPATENT AB**; P.O. Box 45086, S–104 30 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22148** (13) A1

(21) PCT/US97/16606

(22) **12 Sep/sep 1997 (12.09.1997)**

(25) en (26) en

(31) 08/752,505 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(31) 08/752,763 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 49/00, C07D 213/79, 307/68, 231/14, 333/40, C07F 9/655, 9/58

(54) MRI CONTRAST AGENTS AND LIGANDS
AGENTS DE CONTRASTE ET LIGANDS POUR IMAGERIE A RESONANCE MAGNETIQUE (IRM)

(71) **HOECHST CELANESE CORPORATION** [US/US]; 30 Independence Boulevard, Warren, NJ 07059 (US).

(72) **PENG, Wei–Jun**; 4513 Stony Creek, Corpus Christi, TX 78413 (US). **AGUILAR, Daniel, A.**; 7210 Rugged Ridge Road, Corpus Christi, TX 78413 (US).

(74) **MULLEN, James, J.**; Hoechst Celanese Corporation, 1901 Clarkwood Road, Corpus Christi, TX 78409 (US) et al. / etc.

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

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(11) **WO 98/22149** (13) A1

(21) PCT/US97/20211

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/752,693 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61K 51/00, 39/395

(54) METHOD FOR TREATING NEOPLASIA USING HUMANIZED ANTIBODIES WHICH BIND TO ANTIGEN A33
PROCEDE DE TRAITEMENT DES NEOPLASIES A L'AIDE D'ANTICORPS HUMANISES QUI SE FIXENT A L'ANTIGENE A33

(71) **LUDWIG INSTITUTE FOR CANCER RESEARCH** [CH/US]; 1345 Avenue of the Americas, New York, NY 10105 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WELT, Sydney** [US/US]; 1275 York Avenue, New York, NY 10021 (US). **RITTER, Gerd** [DE/US]; 1275 York Avenue, New York, NY 10021 (US). **COHEN, Leonard** [US/US]; 1275 York Avenue, New York, NY 10021 (US). **WILLIAMS, Clarence, Jr.** [US/US]; 1275 York Avenue, New York, NY 10021 (US). **RICHARDS, Elizabeth, Carswell** [US/US]; 1275 York Avenue, New York, NY 10021 (US). **JOHN, Mary** [GB/US]; 1275 York Avenue, New York, NY 10021 (US). **OLD, Lloyd, J.** [US/US]; 1345 Avenue of the Americas, New York, NY 10105 (US).

(74) **HANSON, Norman, D.**; Felfe & Lynch, 805 Third Avenue, New York, NY 10022 (US).

(81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22150** (13) A1

(21) PCT/US97/18854

(22) **23 Oct/oct 1997 (23.10.1997)**

(25) en (26) en

(31) 08/752,606 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61L 2/08, A61M 1/36, A01N 1/02, H01J 37/20

(54) METHOD AND APPARATUS FOR INACTIVATING CONTAMINANTS IN BIOLOGICAL FLUID
PROCEDE PERMETTANT D'INACTIVER DES CONTAMINANTS DANS UN LIQUIDE BIOLOGIQUE ET APPAREIL CORRESPONDANT

(71) **BAXTER INTERNATIONAL INC.** [US/US]; One Baxter Parkway, Deerfield, IL 60015 (US).

(72) **CHAPMAN, John, R.**; 67 Kevin Avenue, Lake Villa, IL 60046 (US). **STARK, Peter, R., H.**; 41 Bonad Road, Stoneham, MA 02180 (US). **REED, Michael, A.**; 135 Concord Road, Chelmsford, MA 01824 (US). **LARSON, Dale, N.**; 191 Winslow Road, Newton, MA 02158 (US). **CUFFARO, Daniel, F.**; 307 Dummer Street #1, Somerville, MA 02144 (US).

(74) **SEREWICZ, Denise, M.** et al. / etc.; Baxter Healthcare Corporation, Route 120 & Wilson Road, Round Lake, IL 60073 (US).

(81) AU CA CN JP KR NO RU; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22151** (13) A1

(21) PCT/US96/18604

(22) **20 Nov/nov 1996 (20.11.1996)**

(25) en (26) en

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61L 2/18

(54) TRACE CAPTURE IN BIOLOGICAL FLUIDS
PRELEVEMENT DE TRACES DANS DES FLUIDES BIOLOGIQUES

(71, 72) **SHANBROM, Edward** [US/US]; 2252 Liane Lane, Santa Ana, CA 92705 (US).

(74) **KIRCHANSKI, Stefan, J.**; Graham & James L.L.P., 6th floor, 650 Town Center Drive, Costa Mesa, CA 92626 (US).

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

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(11) **WO 98/22152** (13) A1

(21) PCT/AU97/00716

(22) **24 Oct/oct 1997 (24.10.1997)**

(25) en (26) en

(31) PO 3780 (32) **20 Nov/nov 1996 (20.11.1996)** (33) AU

(31) PO 5948 (32) **1 Apr/avr 1997 (01.04.1997)** (33) AU

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61L 9/04, C11B 9/00, A01N 25/18, 65/00, C08L 5/00, 95/00

(54) ESSENTIAL OIL SOLID COMPOSITIONS
COMPOSITIONS SOLIDES D'HUILES ESSENTIELLES

(71) **TEETEEOH RESEARCH GROUP PTY. LTD.** [AU/AU]; Crescent Street, Cudgan, NSW 2485 (AU). **P. GUINANE PTY. LTD.** [AU/AU]; P.O. Box 20, Tweed Heads, NSW 2485 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CRAWFORD, Ian** [AU/AU]; 5690 Observation Crescent, Sanctuary Cove, QLD 4212 (AU).

(74) **F.B. RICE & CO.**; 28A Montague Street, Balmain, NSW 2041 (AU).

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

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(11) **WO 98/22153** (13) A1

(21) PCT/AU97/00773

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) PO 3664 (32) **15 Nov/nov 1996** (33) AU **(15.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61L 15/32, A61K 9/70

(54) CROSS–LINKING OF COLLAGEN *IN SITU* AND USES THEREOF IN WOUND HEALING
RETICULATION DE COLLAGENE IN SITU ET SON UTILISATION DANS LA CICATRISATION

(71) **THE LIONS EYE INSTITUTE OF WESTERN AUSTRALIA INCORPORATED** [AU/AU]; 2nd floor, 2 Verdun Street, Nedlands, W.A. 6009 (AU). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FITTON, Janet, Helen** [GB/AU]; 76 Lord Street, Sandy Bay, TAS 7005 (AU).

(74) **SANTER, Vivien**; Griffith Hack, 509 St. Kilda Road, Melbourne, VIC 3004 (AU).

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

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(11) **WO 98/22154** (13) A2

(21) PCT/US97/21052

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/754,818 (32) **21 Nov/nov 1996** (33) US **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61L 15/32, 15/40, 15/42

(54) BIOPOLYMER FOAMS FOR USE IN TISSUE REPAIR AND RECONSTRUCTION
MOUSSES DE BIOPOLYMERE POUR LA REPARATION ET LA RECONSTRUCTION DE TISSUS

(71) **TISSUE ENGINEERING, INC.** [US/US]; Suite 807, 451 D Street, Boston, MA 02210 (US).

(71, 72) **BELL, Eugene** [US/US]; 305 Commonwealth Avenue, Boston, MA 02215 (US).

(72) **SIOUSSAT, Tracy, M.**; 26 Boswell Road, Reading, MA 01867 (US). **FOFONOFF, Timothy, W.**; 1150 High Street, Dedham, MA 02026 (US).

(74) **SILVERI, Jean, M.** et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).

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

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(11) **WO 98/22155** (13) A1

(21) PCT/JP97/04203

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) ja (26) ja

(31) 8/308854 (32) **20 Nov/nov 1996** (33) JP **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61L 27/00, A61F 2/04

(54) ARTIFICIAL NEURAL CANAL
CANAL RACHIDIEN ARTIFICIEL

(71) **TAPIC INTERNATIONAL CO., LTD.** [JP/JP]; SVAX TS Building, 22–12, Toranomon 1–chome, Minato–ku, Tokyo 105 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **SHIMIZU, Yasuhiko** [JP/JP]; 39–676, Kohtaogurayama, Uji–shi, Kyoto 611 (JP).

(74) **TSUKUNI, Hajime**; SVAX TS Building, 22–12, Toranomon 1–chome, Minato–ku, Tokyo 105 (JP).

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

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(11) **WO 98/22156** (13) A1

(21) PCT/JP97/04204

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) ja (26) ja

(31) 8/308855 (32) **20 Nov/nov 1996** (33) JP **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61L 27/00, A61F 2/04

(54) ARTIFICIAL ESOPHAGUS
OESOPHAGE ARTIFICIEL

(71) **TAPIC INTERNATIONAL CO., LTD.** [JP/JP]; Svax TS Building, 22–12, Toranomon 1–chome, Minato–ku, Tokyo 105 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **SHIMIZU, Yasuhiko** [JP/JP]; 39–676, Kohtaogurayama, Uji–shi, Kyoto 611 (JP).

(74) **TSUKUNI, Hajime**; Svax TS Building, 22–12, Toranomon 1–chome, Minato–ku, Tokyo 105 (JP).

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

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(11) **WO 98/22157** (13) A1

(21) PCT/JP97/04205

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) ja (26) ja

(31) 8/308856 (32) **20 Nov/nov 1996** (33) JP **(20.11.1996)**

(31) 8/308857 (32) **20 Nov/nov 1996** (33) JP **(20.11.1996)**

(31) 9/263374 (32) **29 Sep/sep 1997** (33) JP **(29.09.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61L 27/00

(54) COLLAGEN MATERIAL AND PROCESS FOR PRODUCING THE SAME
MATERIAU COLLAGENE ET SON PROCEDE DE PRODUCTION

(71) **TAPIC INTERNATIONAL CO., LTD.** [JP/JP]; SVAX TS Building, 22–12, Toranomon 1–chome, Minato–ku, Tokyo 105 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **SHIMIZU, Yasuhiko** [JP/JP]; 39–676, Kohtaogurayama, Uji–shi, Kyoto 611 (JP).

(74) **TSUKUNI, Hajime**; SVAX TS Building, 22–12, Toranomon 1–chome, Minato–ku, Tokyo 105 (JP).

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

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(11) **WO 98/22158** (13) A2

(21) PCT/US97/14855

(22) **22 Aug/Août 1997 (22.08.1997)**

(25) en (26) en

(31) 60/024,542 (32) **23 Aug/Août 1996** (33) US **(23.08.1996)**

(31) 60/024,693 (32) **6 Sep/sep 1996** (33) US **(06.09.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61L 27/00, A61F 2/00

(54) GRAFT PROSTHESIS, MATERIALS AND METHODS
PROTHESE POUR GREFFE, MATERIAUX ET PROCEDES

(71) **COOK BIOTECH, INCORPORATED** [US/US]; 3055 Kent Avenue, P.O. Box 2603, West Lafayette, IN 47906 (US). **MED INSTITUTE, INCORPORATED** [US/US]; 1400 Cumberland Avenue, West Lafayette, IN 47906 (US).

(72) **COOK, William, A.**; 1208 Wylie Street, Bloomington, IN 47401 (US). **HILES, Michael, C.**; 4326 South 900 East, Lafayette, IN 47905 (US). **KOZMA, Thomas, G.**; Apartment 2C, 3118 Courthouse Drive, West Lafayette, IN 47906 (US). **PATEL, Umesh, H.**; 1135 Kingswood Road South, West Lafayette, IN 47906 (US).

(74) **GODLEWSKI, Richard, J.**; P.O. Box 2256, West Lafayette, IN 47906 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22159** (13) A2

(21) PCT/US97/20695

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 60/029,936 (32) **7 Nov/nov 1996** (33) US **(07.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61M

(54) VARIABLE FLEXIBILITY STENT
EXTENSEUR A FLEXIBILITE VARIABLE

(71) **MEDTRONIC INSTENT INC.** [US/US]; 6271 Bury Drive, Eden Prairie, MN 55346 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GLOBERMAN, Oren** [IL/IL]; Yericho 14, 58543 Holon (IL). **BEYAR, Mordechay** [IL/IL]; Haeshcolit Street 5, 38900 Caeseria (IL). **BEYAR, Rafael** [IL/IL]; Watson Street 8, 34751 Haifa (IL).

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

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(11) **WO 98/22160** (13) A1

(21) PCT/NO97/00293

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) no (26) en

(31) 964791 (32) **12 Nov/nov 1996 (12.11.1996)** (33) NO

(31) 974492 (32) **29 Sep/sep 1997 (29.09.1997)** (33) NO

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61M 1/06

(54) BREAST PUMP
TIRE–LAIT

(71, 72) **NORDVIK, Tone** [NO/NO]; Holmenveien 40D, N–0374 Oslo (NO).

(74) **COWARD, Bjarne, G.**; Bryns Patentkontor A/S, P.O. Box 765, Sentrum, N–0106 Oslo (NO).

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

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(11) **WO 98/22161** (13) A1

(21) PCT/JP97/04149

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) ja (26) ja

(31) 8/304519 (32) **15 Nov/nov 1996 (15.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61M 1/18

(54) HOLLOW FIBER DIALYZER
DIALYSEUR A FIBRES CREUSES

(71) **SCITEC K.K.** [JP/JP]; 20–41, Ohfuna 2–chome, Kamakura–shi, Kanagawa 247 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHIBATA, Takeru** [JP/JP]; 5587–22, Shinyoshidamachi, Kouhoku–ku, Yokohama–shi, Kanagawa 223 (JP).

(74) **SASAI, Hiroki**; Kiyoken Building, Yokohama–Just, 12–6, Takashima 2–chome, Nishi–ku, Yokohama–shi, Kanagawa 220 (JP).

(81) DE JP US.

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(11) **WO 98/22162** (13) A1

(21) PCT/GB97/03191

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 9624130.2 (32) **20 Nov/nov 1996 (20.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61M 1/36, C09D 105/00

(54) BIOCOMPATIBLE COMPOSITIONS
COMPOSITIONS BIOCOMPATIBLES

(71) **BIOCOMPATIBLES LIMITED** [GB/GB]; Frensham House, Farnham Business Park, Weydon Lane, Farnham, Surrey GU9 8QL (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STORCH, Joachim** [DE/GB]; Biocompatibles Limited, Frensham House, Farnham Business Park, Weydon Lane, Farnham, Surrey GU9 8QL (GB). **HANLEY, Robert, Neil** [GB/GB]; Biocompatibles Limited, Frensham House, Farnham Business Park, Weydon Lane, Farnham, Surrey GU9 8QL (GB). **FREEMAN, Richard, Neil, Templar** [IE/GB]; Biocompatibles Limited, Frensham House, Farnham Business Park, Weydon Lane, Farnham, Surrey GU9 8QL (GB).

(74) **GILL JENNINGS & EVERY**; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22163** (13) A1

(21) PCT/US97/21267

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 60/031,907 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61M 1/36

(54) INTERGRATED CASSETTE FOR VALVING, PUMPING AND CONTROLLING MOVEMENT OF FLUIDS
CASSETTE INTEGREE JOUANT LE ROLE DE SOUPAPE, DE POMPE ET DE REGULATEUR DE MOUVEMENT DE FLUIDES

(71) **THERAKOS, INC.** [US/US]; 437 Creamary Way, Exton, PA 19341 (US).

(72) **MORRIS, Livingston, B.**; 135 Old Lancaster Road, Devon, PA 19333 (US). **FRANZ, Dwight**; 5 Ridgewood Circle, Haddonfield, NJ 08033 (US). **WARKENTIN, Kenneth**; 96 Smith Road, Collegeville, PA 19426 (US).

(74) **CIAMPORCERO, Audley, A., Jr.** et al. / etc.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22164** (13) A1

(21) PCT/US97/21490

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 60/031,648 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(31) 60/046,794 (32) **18 Apr/avr 1997 (18.04.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61M 1/36

(54) BLOOD PRODUCT IRRADIATION DEVICE INCORPORATING AGITATION
DISPOSITIF POUR SOUMETTRE A UN RAYONNEMENT UN PRODUIT SANGUIN, COMPORTANT UN MOYEN D'AGITATION

(71) **THERAKOS, INC.** [US/US]; 437 Creamary Way, Exton, PA 19341 (US).

(72) **MORRIS, Livingston, B.**; 135 Old Lancaster Road, Devon, PA 19333 (US).

(74) **CIAMPORCERO, Audley, A., Jr.** et al. / etc.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22165** (13) A1

(21) PCT/US97/21656

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 60/031,907 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61M 1/36

(54) INTEGRATED CASSETTE FOR CONTROLLING FLUID HAVING AN INTEGRAL FILTER
CASSETTE INTEGREE DE REGULATION DE FLUIDES COMPORTANT UN FILTRE INTEGRE

(71) **THERAKOS, INC.** [US/US]; 437 Creamary Way, Exton, PA 19341 (US).

(72) **MORRIS, Livingston, B.**; 135 Old Lancaster Road, Devon, PA 19333 (US).

(74) **CIAMPORCERO, Audley, A., Jr.** et al. / etc.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22166** (13) A1

(21) PCT/US97/21201

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/754,684 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61M 5/00

(54) IMPROVED HYPODERMIC SYRINGE
PERFECTIONNEMENT D'UNE SERINGUE HYPODERMIQUE

(71, 72) **AGUILAR, David, G.** [US/US]; 1371 Prospect Avenue, Long Beach, CA 90804 (US).

(74) **REILLY, Jerrold, B.** 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 GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22167** (13) A1

(21) PCT/US97/21487

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 60/031,651 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61M 5/142

(54) APPARATUS FOR PUMPING FLUID AT A STEADY FLOW RATE
DISPOSITIF POUR POMPER UN FLUIDE A UN DEBIT CONSTANT

(71) **THERAKOS, INC.** [US/US]; 437 Creamary Way, Exton, PA 19341 (US).

(72) **MORRIS, Livingston, B.**; 135 Old Lancaster Road, Devon, PA 19333 (US).

(74) **CIAMPORCERO, Audley, A., Jr.** et al. / etc.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22168** (13) A2

(21) PCT/US97/21027

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/753,288 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61M 5/145, 5/36

(54) MEDICAL FLUID INJECTOR
INJECTEUR DE FLUIDE A USAGE MEDICAL

(71) **LIEBEL–FLARSHEIM COMPANY** [US/US]; 2111 East Galbraith Road, Cincinnati, OH 45237 (US).

(72) **BATTIATO, Dane, J.**; 11343 Terwilliger's Valley Lane, Cincinnati, OH 45249 (US). **WAGNER, Gary, S.**; 695 Arrowood Circle, Taylor Mill, KY 41015 (US). **VERDINO, Steve, P.**; 2781 Geraldine Drive, Cincinnati, OH 45239 (US). **BERGEN, Robert, G.**; 7862 Willow Run Court, Westchester, OH 45069 (US). **KNIPFER, James, E.**; 1238 Upland Avenue, Ft. Wright, KY 41011 (US). **JACOBS, Pamela, K.**; 10138 Fox Chase, Loveland, OH 45140 (US). **STAATS, Peter, J.**; 565 Belle Meade Drive, Loveland, OH 45140 (US). **MINNICH, John, N.**; 101 Eggerding Drive, Lockland, OH 45215 (US). **NEER, Charles, S.**; 949 Tarragon Lane, Milford, OH 45150 (US). **GOETHEL, James, H.**; 9966 Thornwood Court, Cincinnati, OH 45241 (US). **STERN, Mitchell, G.**; 7871 Millerton Drive, Centerville, OH 45459 (US).

(74) **HUMPHREY, Thomas, W.** et al. / etc.; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22169** (13) A1

(21) PCT/US97/21550

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/754,423 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61M 11/00, 15/00, 16/00, 16/10, A62B 7/00

(54) INSULIN DELIVERY ENHANCED BY COACHED BREATHING
AMELIORATION D'ADMINISTRATION D'INSULINE PAR RESPIRATION DIRIGEE

(71) **ARADIGM CORPORATION** [US/US]; 26219 Eden Landing Road, Hayward, CA 94545 (US).

(72) **GONDA, Igor**; 2351 Larkin Street, San Francisco, CA 94109 (US). **RUBSAMEN, Reid, M.**; 240 Caldecott Lane #318, Oakland, CA 94618 (US).

(74) **BOZICEVIC, Karl**; Bozicevic & Reed LLP, Suite 200, 285 Hamilton Avenue, Palo Alto, CA 94301 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22170** (13) A1

(21) PCT/US97/21338

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/752,946 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61M 15/00

(54) DEVICE AND METHOD FOR DIRECTING AEROSOLIZED MIST TO A SPECIFIC AREA OF THE RESPIRATORY TRACT
DISPOSITIF ET PROCEDE PERMETTANT DE DIRIGER UN EMBRUN D'AEROSOL VERS UNE ZONE SPECIFIQUE DE L'APPAREIL RESPIRATOIRE

(71) **ARADIGM CORPORATION** [US/US]; 26219 Eden Landing Road, Hayward, CA 94545 (US).

(72) **SCHUSTER, Jeffrey, A.**; 5927 Almaden, Oakland, CA 94611 (US). **GONDA, Igor**; 2351 Larkin Street, San Francisco, CA 94109 (US).

(74) **BOZICEVIC, Karl**; Bozicevic & Reed LLP, Suite 200, 285 Hamilton Avenue, Palo Alto, CA 94301 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22171** (13) A1

(21) PCT/JP96/03382

(22) **18 Nov/nov 1996 (18.11.1996)**

(25) ja (26) ja

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61M 16/00, 16/08

(54) OXYGEN SUPPLY DEVICE CAPABLE OF ADJUSTING CONCENTRATION OF OXYGEN FED TO SPONTANEOUS BREATHING PATIENT USING TRACHEAL TUBE OR MASK
DISPOSITIF D'ALIMENTATION EN OXYGENE CAPABLE D'AJUSTER LA CONCENTRATION D'OXYGENE ADMINISTRE A UN PATIENT RESPIRANT SPONTANEMENT AU MOYEN D'UN TUBE OU D'UN MASQUE TRACHEAL

(71, 72) **KOBAYASHI, Satoshi** [JP/JP]; 2864–3, Ooaza Shimokomazawa, Nagano–shi, Naganoken 381 (JP).

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

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(11) **WO 98/22172** (13) A1

(21) PCT/US97/19815

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) en (26) en

(31) 08/751,316 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61M 16/00

(54) ARTIFICIAL VENTILATION SYSTEM AND METHODS OF CONTROLLING CARBON DIOXIDE REBREATHING
SYSTEME DE VENTILATION ARTIFICIELLE ET PROCEDE DE LIMITATION DE LA REINHALATION DU GAZ CARBONIQUE

(71) **MEDLIS CORP.** [US/US]; 5411 Littlebow Road, Rancho Palos Verdes, CA 90275 (US).

(72) **FUKUNAGA, Atsuo, F.**; 5411 Littlebow Road, Rancho Palos Verdes, CA 90275 (US). **FUKUNAGA, Blanca, M.**; 5411 Littlebow Road, Rancho Palos Verdes, CA 90275 (US).

(74) **SCHEIN, Daniel, B.**; P.O. Box 802678, Santa Clarita, CA 91380–2678 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22173** (13) A1

(21) PCT/SE97/01932

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 9604218–9 (32) **18 Nov/nov 1996 (18.11.1996)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61M 16/22

(54) PURIFICATION SYSTEM
SYSTEME DE PURIFICATION

(71) **LOUIS GIBECK AB** [SE/SE]; Kanalvägen 5 A, S–194 27 UPPLANDS VÄSBY (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAMBERT, Hans** [SE/SE]; Odengatan 43, S–113 51 Stockholm (SE).

(74) **LINDGREN, Anders** et al. / etc.; Dr. Ludwig Brann Patentbyrå AB, P.O. Box 17192, S–104 62 Stockholm (SE).

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

Published / Publiée : *(a)*

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(11) **WO 98/22174** (13) A1

(21) PCT/US97/20564

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/753,108 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61M 25/00

(54) CATHETER WITH VIEWING SYSTEM
CATHETER COMPRENANT UN SYSTEME DE VISUALISATION

(71) **INTERNATIONAL BIOVIEW, INC.** [US/US]; 15540–D Rockfield Boulevard, Irvine, CA 92718 (US).

(72) **EBLING, Wendell, V.**; 21131 Kensington Lane, Lake Forest, CA 92630 (US). **HENDRICKSON, Theodore, L.**; 4174 Trail Crest Drive, Moorpark, CA 93021 (US).

(74) **STETINA, Kit, M.** et al. / etc.; Stetina Brunda Garred & Brucker, Suite 401, 24221 Calle de la Louisa, Laguna Hills, CA 92653 (US).

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

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(11) **WO 98/22175** (13) A1

(21) PCT/US97/21693

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 60/031,344 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(31) Not furnished / non communiqué (32) **17 Nov/nov 1997 (17.11.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61M 25/00, 39/12, F16L 31/00, B29C 65/68

(54) MODULAR BALLOON CATHETER
CATHETER A BALLONNET MODULAIRE

(71, 72) **SACHDEVA, Rohit, C., L.** [US/US]; 2605 Courtside Lane, Plano, TX 75093 (US). **BESSELINK, Petrus, A.** [NL/NL]; Gronausestraat 1220, NL–7534 AT Enschede (NL). **VAN DEN HOUT, Fritz** [NL/NL]; P.P. Rubenspad 25, NL–5062 KL Oisterwijk (NL). **DE BOER, Henk, C.** [NL/NL]; NL–5554 RC Valkenswaard (NL).

(74) **AHRENS, Gregory, F.** et al. / etc.; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22176** (13) A1

(21) PCT/US97/21334

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/751,303 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61M 25/06

(54) GUIDING INTRODUCER WITH OPENINGS CONTAINING ABLATION CATHETER
INTRODUCTEUR DE GUIDAGE DOTE D'OUVERTURES, QUI CONTIENT UN CATHETER D'ABLATION

(71) **DAIG CORPORATION** [US/US]; 14901 DeVeau Place, Minnetonka, MN 55345 (US).

(72) **BEDNAREK, Michael, C.**; 137 Coburn Avenue, N.W., Buffalo, MN 55313 (US).

(74) **FINUCANE, Hallie, A.**; St. Jude Medical, Inc., One Lillehei Plaza, St. Paul, MN 55117 (US) et al. / etc.

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

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(11) **WO 98/22177** (13) A1

(21) PCT/US97/21155

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/751,780 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61M 25/18

(54) DEVICES, SYSTEMS AND METHODS FOR LOADING COAXIAL CATHETERS
DISPOSITIFS, SYSTEMES ET METHODES DE CHARGEMENT DE CATHETERS COAXIAUX

(71) **LOCALMED, INC.** [US/US]; 1820 Embarcadero Road, Palo Alto, CA 94303 (US).

(72) **KLEIN, Enrique, J.**; 1686 Christina Drive, Los Altos, CA 94024 (US). **KAPLAN, Aaron, V.**; 851 Carnation Court, Los Altos, CA 94024 (US). **BANKS, Raymond, M.**; 890 Poplar Avenue, Sunnyvale, CA 94086 (US).

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

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

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(11) **WO 98/22178** (13) A1

(21) PCT/US97/20790

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 60/031,175 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 60/034,708 (32) **3 Jan/jan 1997 (03.01.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61M 39/26

(54) SWABBABLE LUER–CONED VALVE
SOUPAPE POUVANT ETRE NETTOYEE PAR TAMPON IMBIBE ET A CONE LUER

(71) **NYPRO, INC.** [US/US]; 101 Union Street, Box 2005, Clinton, MA 01501–2005 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COTE, Andrew, L., Sr.** [US/US]; 1 Linden Way, Merrimack, NH 03054 (US).

(74) **SUNSTEIN, Bruce, D.** et al. / etc.; Bromberg and Sunstein LLP, 125 Summer Street, Boston, MA 02110–1618 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22179** (13) A2

(21) PCT/EP97/06459

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) P 960551A (32) **20 Nov/nov 1996 (20.11.1996)** (33) HR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61N 1/05

(54) ULTRASONICALLY MARKED CATHETER FOR ELECTROTHERAPY AND SYSTEM FOR USE OF THE SAME
CATHETER MARQUE AUX ULTRASONS POUR L'ELECTROTHERAPIE ET SYSTEME D'UTILISATION DE CE CATHETER

(71) **SULZER OSYPKA GMBH** [DE/DE]; Basler Strasse 109, Postfach 1262, D–79639 Grenzach–Wyhlen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **BREYER, Branko** [HR/HR]; Prilaz Gjure Dezelica 79, 10000 Zagreb (HR). **FEREK–PETRIC, Bozidar** [HR/HR]; Sovinec 17, 10000 Zagreb (HR). **KITSCHMANN, Achim** [DE/DE]; Ritterstrasse 20, D–79639 Grenzach–Wyhlen (DE). **GEISTERT, Wolfgang** [DE/DE]; In den Kapellmatten 22, D–79618 Rheinfelden (DE).

(74) **HEUBECK, Bernhard**; Sulzer Management AG, Zürcherstrasse 14, CH–8401 Winterthur (CH).

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

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(11) **WO 98/22180** (13) A1

(21) PCT/SE97/01951

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 9604268–4 (32) **21 Nov/nov 1996** (33) SE **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61N 1/05, A61B 5/0402

(54) ELECTRODE DEVICE ATTACHED TO A BODY PART
DISPOSITIF D'ELECTRODE DESTINE A ETRE FIXE A UNE PARTIE DU CORPS

(71) **CARDIA INNOVATION AB** [SE/SE]; Engelbrektsgatan 19, S–114 32 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAN DER LINDEN, Jan** [SE/SE]; Lillskogsvägen 22, S–133 34 Saltsjöbaden (SE). **BENGTSSON, Lars** [SE/SE]; Engelbrektsgatan 19, S–114 32 Stockholm (SE). **ENGBLOM, Carl** [SE/SE]; Hagstigen 6, S–149 45 Nynäshamn (SE). **WELLANDER, Bengt** [SE/SE]; Rimmargatan 16, S–161 71 Bromma (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22181** (13) A1

(21) PCT/CN97/00131

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) zh (26) zh

(31) 96 1 20659.4 (32) **18 Nov/nov 1996** (33) CN **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61N 1/18, 1/20

(54) AN INSTRUMENT OF ELECTROCHEMICAL THERAPY FOR CANCER
DISPOSITIF POUR LE TRAITEMENT ELECTROCHIMIQUE DU CANCER

(71, 72) **PANG, Hongbing** [CN/CN]; No. 37 Xueyuan Lu, Haidian District, Beijing 100083 (CN).

(72, 75) **XIN, Yuling** [CN/CN]; China–Japan Friendship Hospital, No. 2 Yinghuadong Lu, Chaoyang District, Beijing 100029 (CN). **MOU, Jun** [CN/CN]; No. 37 Xueyuan Lu, Haidian District, Beijing 100083 (CN).

(74) **LUNG TIN INTERNATIONAL PATENT & TRADEMARK AGENT LTD.**; Suite 105, Tongheng Building, No. 4 Huayuan Lu, Haidian District, Beijing 100088 (CN).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22182** (13) A1

(21) PCT/FR97/02072

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) fr (26) fr

(31) 96/14088 (32) **19 Nov/nov 1996** (33) FR **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61N 1/30, A61B 5/05

(54) METHOD FOR MEASURING THE CUTANEOUS ELECTRIC RESISTANCE OF A PATIENT SUBJECTED TO TRANSDERMAL ADMINISTRATION OF MEDICINE
PROCEDE DE MESURE DE LA RESISTANCE ELECTRIQUE CUTANEE D'UN PATIENT SOUMIS A UNE ADMINISTRATION TRANSDERMIQUE DE MEDICAMENT

(71) **LABORATOIRES D'HYGIENE ET DE DIETETIQUE (L.H.D.)** [FR/FR]; 38, avenue Hoche, F–75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MILLOT, Philippe** [FR/FR]; 3, allée de l'Ormeraie, F–21490 Orgeux (FR).

(74) **CABINET DE BOISSE**; L.A. de Boisse – J.P. Colas, 37, avenue Franklin D. Roosevelt, F–75008 Paris (FR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22183** (13) A1

(21) PCT/SE97/01830

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 9604215–5 (32) **18 Nov/nov 1996** (33) SE **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61N 1/37

(54) APPARATUS FOR TISSUE STIMULATION
APPAREIL DESTINE A LA STIMULATION TISSULAIRE

(71) **PACESETTER AB** [SE/SE]; S–175 84 Järfälla (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NORÉN, Kjell** [SE/SE]; Karolinagatan 10 C, S–171 58 Solna (SE). **HIRSCHBERG, Jakub** [SE/SE]; Aprilvägen 3, S–187 51 Täby (SE). **STRANDBERG, Hans** [SE/SE]; Landsvägen 51, S–172 36 Sundbyberg (SE). **UHRENIUS, Åsa** [SE/SE]; Birger Jarlsgatan 104/13, S–114 20 Stockholm (SE).

(74) **PACESETTER AB**; Patent Dept., Att: Per–Erik Watz, S–175 84 Järfälla (SE).

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

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(11) **WO 98/22184** (13) A1

(21) PCT/US97/20367

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 60/033,333 (32) **21 Nov/nov 1996** (33) US **(21.11.1996)**

(31) 08/903,218 (32) **22 Jul/juil 1997** (33) US **(22.07.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61N 5/06

(54) MUCOSAL ABLATION USING LIGHT
ABLATION DES MUQUEUSES AU MOYEN DE LUMIERE

(71) **BOSTON SCIENTIFIC CORPORATION** [US/US]; One Boston Scientific Place, Natick, MA 01760–1537 (US).

(72) **CROWLEY, Robert, J.**; 64 Puritan Lane, Sudbury, MA 01776 (US).

(74) **CAPRARO, Joseph, A.**; Testa, Hurwitz & Thibeault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22185** (13) A1

(21) PCT/US97/20941

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 751,552 (32) **18 Nov/nov 1996** (33) US **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A61N 5/06

(54) VARIABLE PULSE WIDTH LASING DEVICE
DISPOSITIF D'EMISSION DE RAYONNEMENT LASER A LARGEUR D'IMPULSION VARIABLE

(71) **TRIMEDYNE, INC.** [US/US]; 2801 Barranca Road, Irvine, CA 92714 (US).

(72) **DAMASCO, Sanford**; 4838 Bentree Avenue, Long Beach, CA 90807 (US). **LOEB, Marvin, P.**; Apartment 101, 2872 Coast Circle, Huntington Beach, CA 92649 (US). **BLAIR, Randall, J.**; 2403 Catalina Circle #460, Oceanside, CA 92056 (US).

(74) **CEPURITIS, Talivaldis** et al. / etc.; Olson & Hierl, Ltd., 36th floor, 20 North Wacker Drive, Chicago, IL 60606 (US).

(81) DE IL JP.

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(11) **WO 98/22186** (13) A1

(21) PCT/US97/20304

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 60/031,372 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A62B 18/10

(54) SCUBA MOUTHPIECE HAVING MOUTH ACTIVATION OF GAS SUPPLY
EMBOUT D'APPAREIL RESPIRATOIRE AUTONOME DE PLONGEE, A ACTIVATION PAR LA BOUCHE DE L'ALIMENTATION EN GAZ

(71) **SEA TURTLE SCUBA, INC.** [US/US]; 18610 Sea Turtle Drive, Boca Raton, FL 33498 (US).

(72) **STIER, Barry**; 18610 Sea Turtle Drive, Boca Raton, FL 33498 (US).

(74) **FRIED, Harvey, D.** et al. / etc.; Quarles & Brady, 4th floor, 222 Lakeview Avenue, P.O. Box 3188, West Palm Beach, FL 33402–3188 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22187** (13) A1

(21) PCT/NL97/00626

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) nl (26) en

(31) 1004548 (32) **18 Nov/nov 1996 (18.11.1996)** (33) NL

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A63B 23/02, A61H 1/02

(54) FIXATION DEVICE FOR A TRAINING APPARATUS
DISPOSITIF DE FIXATION DESTINE A UN APPAREIL D'ENTRAINEMENT

(71) **DELFT INSTRUMENTS INTELLECTUAL PROPERTY B.V.** [NL/NL]; P.O. Box 72, NL–2600 MD Delft (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GRIFFIOEN–VAN DIJK, Ingeborg, Pauline, Margarette** [NL/NL]; Verlengde Singelstraat 73, NL–2613 ET Delft (NL).

(74) **VAN DER BURG, Louis**; Delft Instruments Intellectual Property B.V., P.O. Box 72, NL–2600 MD Delft (NL).

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

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(11) **WO 98/22188** (13) A1

(21) PCT/US97/20458

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/751,887 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A63B 69/36

(54) GOLF SWING TIMING TRAINER
DISPOSITIF D'ENTRAINEMENT AU SWING DE GOLF A CHRONOMETRAGE

(71, 72) **RICHTER, Robert, E.** [US/US]; 106 Brookview Terrace, Valdosta, GA 31605 (US).

(74) **SCOTT, Steven, R.**; 949 County Road 217, Jacksonville, FL 32234 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22189** (13) A1

(21) PCT/US97/16804

(22) **23 Sep/sep 1997 (23.09.1997)**

(25) en (26) en

(31) 08/746,801 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A63B 71/08, A61F 5/56

(54) COLD FORMABLE MOUTHGUARDS
PROTEGE–DENTS POUVANT ETRE FAÇONNE A FROID

(71) **W.L. GORE & ASSOCIATES, INC.** [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).

(72) **JONES, Carl, H.**; 3310 Clearwater Park Drive, Caty, TX 77450 (US). **BLAHA, John, M.**; 179 Hollywood Beach Road, Chesapeake City, MD 21915 (US). **TOWNSEND, Gail, J.**; 103 Roseman Court, Newark, DE 19711 (US).

(74) **CAMPBELL, John, S.** et al. / etc.; W.L. Gore & Associates, 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714–9206 (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; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22190** (13) A1

(21) PCT/AT97/00192

(22) **3 Sep/sep 1997 (03.09.1997)**

(25) de (26) de

(31) A 2025/96 (32) **20 Nov/nov 1996 (20.11.1996)** (33) AT

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A63C 19/06

(54) GATE FLAG FOR SKIING
PORTE POUR PISTES DE SKI

(71, 72) **HINTERHOLZER, Hans** [AT/NO]; Hvistenveien 21, N–1545 Hvitsten (NO).

(74) **HÜBSCHER, Gerhard** et al. / etc.; Spittelwiese 7, A–4020 Linz (AT).

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

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(11) **WO 98/22191** (13) A1

(21) PCT/JP97/04261

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) ja (26) ja

(31) 8/312300 (32) **22 Nov/nov 1996 (22.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A63F 9/22

(54) GAME DEVICE, GAME DISPLAYING METHOD, GAME RESULT EVALUATING METHOD, AND RECORDING MEDIUM FOR RECORDING GAME PROGRAM
DISPOSITIF DE JEU, PROCEDE DE VISUALISATION DE JEU, PROCEDE D'EVALUATION DE RESULATS DE JEU ET SUPPORT D'ENREGISTREMENT DU PROGRAMME DE JEU

(71) **SEGA ENTERPRISES, LTD.** [JP/JP]; 2–12, Haneda 1–chome, Ohta–ku, Tokyo 144 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MORITA, Masamoto** [JP/JP]; Sega Enterprises, Ltd., 2–12, Haneda 1–chome, Ohta–ku, Tokyo 144 (JP). **HANATO, Akimitsu** [JP/JP]; 603, Kuredo–matsudo, 813, Hinoguchi, Matsudo–shi, Chiba 271 (JP).

(74) **ARIGA, Gunichiro**; No.2 Tanaka Building, 6–9, Yoyogi 2–chome, Shibuya–ku, Tokyo 151 (JP).

(81) CN JP KR US; EP (DE ES FR GB IT).

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(11) **WO 98/22192** (13) A1

(21) PCT/EP97/04763

(22) **2 Sep/sep 1997 (02.09.1997)**

(25) de (26) de

(31) 296 20 284.3 (32) **21 Nov/nov 1996 (21.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] A63G 7/00

(54) AMUSEMENT DEVICE IN THE FORM OF A ROLLER COASTER, A MONORAIL OR THE LIKE
DISPOSITIF D'ATTRACTION DU TYPE GRAND HUIT, MONORAIL ET ANALOGUE

(71, 72) **SPIELDIENER, Robert** [LI/LI]; Josef–Rheinberger–Strasse 18, FL–9490 Vaduz (LI). **SPIELDIENER, Reinhold** [CH/CH]; Aussichtsstrasse 23, CH–8704 Herrliberg (CH). **SPIELDIENER, Patrick** [CH/CH]; Erlenstrasse 134, CH–8832 Wollerau (CH). **SAIKO, Alfons** [CH/CH]; Speerstrasse 26a, CH–8942 Oberrieden (CH).

(74) **ERNICKE, Hans–Dieter** et al. / etc.; Schwibbogenplatz 2b, D–86153 Augsburg (DE).

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

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(11) **WO 98/22193** (13) A2

(21) PCT/EP97/06340

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) de (26) de

(31) 196 47 378.0 (32) **16 Nov/nov 1996 (16.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B01D 1/00

(54) PROCESS AND APPARATUS FOR IMPROVING THE EFFICIENCY OF AN EVAPORATION PROCESS
PROCEDE ET APPAREIL POUR AMELIORER L'EFFICACITE D'UN PROCESSUS D'EVAPORATION

(71, 72) **LITINAS, Georg** [DE/DE]; Bertha–von–Suttner–Strasse 5, D–76139 Karlsruhe (DE).

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

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(11) **WO 98/22194** (13) A1

(21) PCT/FR97/02061

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) fr (26) fr

(31) 96/14018 (32) **18 Nov/nov 1996 (18.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B01D 1/18

(54) METHOD FOR PARTIALLY EVAPORATING A LIQUID PRODUCT AND APPLICATION THEREOF FOR MAKING A POWDER
PROCEDE D'EVAPORATION PARTIELLE D'UN PRODUIT LIQUIDE ET APPLICATION DE CE PROCEDE A LA FABRICATION D'UNE POUDRE

(71) **NIRO KESTNER** [FR/FR]; 4, rue Jean–Pierre Timbaud, F–78180 Montigny le Bretonneux (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **VAN LOON, Jerry** [FR/FR]; 1, villa des Ormes, F–78650 Beynes les Chênes (FR). **REMOND, Bernard** [FR/FR]; 8, rue Yvan Tourgueniev, F–78380 Bougival (FR).

(74) **CABINET MALEMONT**; 42, avenue du Président Wilson, F–75116 Paris (FR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 9623858.9 (32) **16 Nov/nov 1996 (16.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B01D 17/00, 17/038, 17/05, 17/12, C02F 1/40

(54) SEPARATION PROCESS
PROCEDE DE SEPARATION

(71) **SEPARATION DEVELOPMENTS LIMITED** [GB/GB]; LCP House, The Pensnett Estate, Kingswinford, West Midlands DY6 7NA (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TUNNICLIFFE, Ian, Nigel** [GB/GB]; Spring Bank Farm, 62B Shrewsbury Road, Church Stretton, Shropshire SY6 6HB (GB).

(74) **HOOPER, John, P., L.**; 5 Haslingfield Road, Harlton, Cambridge CB3 7ER (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22196** (13) A1

(21) PCT/FR97/02054

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) fr (26) fr

(31) 96/14177 (32) **15 Nov/nov 1996 (15.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B01D 19/04

(54) METHOD FOR PREPARING ANTI–FOAMING EMULSIONS WITH SILICON AND POLYVINYL ALCOHOL BASE
PROCEDE DE PREPARATION D'EMULSIONS ANTIMOUSSE A BASE DE SILICONE ET D'ALCOOL POLYVINYLIQUE

(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) **MILLET, Claude** [FR/FR]; 14, rue Jean de la Bruyère, F–69800 Saint–Priest (FR).

(74) **TROLLIET, Maurice**; Rhodia Services, Direction de la Propriété Industrielle, Crit–Carrières, Boîte postale 62, F–69192 Saint–Fons Cedex (FR).

(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 MN MX NO NZ PL RO SG SI SK TR TT UA US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22197** (13) A1

(21) PCT/US97/21784

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 60/031,645 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B01D 24/00, B32B 9/02, C08B 37/16, C08G 18/06

(54) CYCLODEXTRIN POLYMER SEPARATION MATERIALS
MATIERES DE SEPARATION EN POLYMERES DE CYCLODEXTRINE

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; Business and Patent Law, Mail Stop D412, Los Alamos, NM 87545 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **MA, Min** [CN/US]; 4117B Arizona Avenue, Los Alamos, NM 87544 (US). **LI, DeQuan** [CN/US]; 810 Tiffany Court, Los Alamos, NM 87544 (US).

(74) **COTTRELL, Bruce, H.** et al. / etc.; Los Alamos National Laboratory, MS D412, P.O. Box 1663, Los Alamos, NM 87545 (US).

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

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(11) **WO 98/22198** (13) A1

(21) PCT/AT97/00249

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) de (26) de

(31) A 2018/96 (32) **19 Nov/nov 1996 (19.11.1996)** (33) AT

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B01D 35/02, B29C 47/68, B01D 29/11

(54) DEVICE FOR FILTERING A FLUID
DISPOSITIF POUR FILTRER UN FLUIDE

(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) **KALT, Wolfram** [AT/AT]; Übersbach 209, A–8280 Fürstenfeld (AT).

(74) **SCHWARZ, Albin** et al. / etc.; Wipplingerstrasse 32/22, A–1010 Wien (AT).

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

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(11) **WO 98/22199** (13) A1

(21) PCT/FI97/00665

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 964615 (32) **19 Nov/nov 1996 (19.11.1996)** (33) FI

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B01D 45/15, B04C 5/04, F23C 11/02

(54) AN APPARATUS AND A METHOD FOR SEPARATING PARTICLES FROM HOT GASES
APPAREIL ET PROCEDE PERMETTANT DE SEPARER DES PARTICULES DANS DES GAZ CHAUDS

(71) **FOSTER WHEELER ENERGIA OY** [FI/FI]; Sentnerikuja 2, FIN–00440 Helsinki (FI). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HYPPÄNEN, Timo** [FI/FI]; Siikakoskenpolku 10, FIN–48710 Karhula (FI). **RISTOLA, Jari** [FI/FI]; Vanhamäentie 23, FIN–48300 Kotka (FI).

(74) **TURUN PATENTTITOIMISTO OY**; P.O. Box 99, FIN–20521 Turku (FI).

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

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(21) PCT/EP97/05702

(22) **16 Oct/oct 1997 (16.10.1997)**

(25) de (26) de

(31) 196 47 256.3 (32) **15 Nov/nov 1996 (15.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B01D 50/00, F01M 13/04, B01D 46/42

(54) DEVICE FOR RECYCLING LIQUIDS IN GAS FLOWS
DISPOSITIF DE RECYCLAGE DE LIQUIDE DANS DES COURANTS GAZEUX

(71) **FILTERWERK MANN + HUMMEL GMBH** [DE/DE]; D–71631 Ludwigsburg (DE).

(72) **GREIF, Volker**; Herrenberger Strasse 64, D–71069 Sindelfingen (DE). **KOCHERT, Stefan**; Eichenstrasse 5, D–71384 Weinstadt (DE). **MÖSSINGER, Klaus**; Schillerstrasse 2, D–71482 Obersulm (DE). **SPAETH, Bernhard**; Herdbruckerstrasse 21, D–89073 Ulm (DE).

(74) **VOTH, Gerhard**; Filterwerk Mann + Hummel GmbH, D–71631 Ludwigsburg (DE).

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

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(11) **WO 98/22201** (13) A1

(21) PCT/JP96/03396

(22) **20 Nov/nov 1996 (20.11.1996)**

(25) ja (26) ja

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B01D 53/56, 53/84, 53/86

(54) METHOD OF AND APPARATUS FOR PURIFYING NITROGEN OXIDE–CONTAINING AIR
PROCEDE ET APPAREIL DE PURIFICATION D'AIR CONTENANT DE L'OXYDE AZOTE

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4–chome, Chiyoda–ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NANBA, Masaru** [JP/JP]; 1457–634, Tarazaki, Hitachinaka–shi, Ibaraki 312 (JP). **KATOU, Akira** [JP/JP]; 170–4, Motoyoshidacho, Mito–shi, Ibaraki 310 (JP). **YUKITAKE, Tugihiro** [JP/JP]; 2463–19, Ishigamiuchijyuku, Tokai–mura, Naka–gun, Ibaraki 319–11 (JP). **KOUZU, Tadashi** [JP/JP]; 993–11, Shiratoricho, Tsuchiura–shi, Ibaraki 300 (JP). **ASANUMA, Kunihiro** [JP/JP]; Room A218, Komei Ryo, 6–11–3, Inayoshihigashi, Chiyoda–machi, Niihari–gun, Ibaraki 315 (JP).

(74) **OGAWA, Katsuo**; Hitachi, Ltd., 5–1, Marunouchi 1–chome, Chiyoda–ku, Tokyo 100 (JP).

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

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(11) **WO 98/22202** (13) A1

(21) PCT/GB97/03208

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 9624205.2 (32) **21 Nov/nov 1996 (21.11.1996)** (33) GB

(31) 9707346.4 (32) **11 Apr/avr 1997 (11.04.1997)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B01D 61/06, 61/10, 35/26, F04B 9/115

(54) FLUID DRIVEN PUMPS AND APPARATUS EMPLOYING SUCH PUMPS
POMPES ACTIONNEES PAR DES FLUIDES ET APPAREIL FAISANT APPEL A DE TELLES POMPES

(71, 72) **PEARSON, Colin** [GB/GB]; 17 Oulton Crescent, Potters Bar, Herts. EN6 3ED (GB).

(74) **MOIR, Michael, Christopher**; Mathys & Squire, 100 Grays Inn Road, London WC1X 8AL (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22203** (13) A1

(21) PCT/GB97/03143

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 9624016.3 (32) **19 Nov/nov 1996 (19.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B01D 61/48, B01J 47/08, C02F 1/469, B01J 49/00

(54) DESALINATION APPARATUS AND METHOD
DISPOSITIF ET PROCEDE DE DESSALEMENT

(71) **SEPARATION DEVELOPMENTS LIMITED** [GB/GB]; LCP House, The Pensnett Estate, Kingswinford, West Midlands DY6 7NA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TUNNICLIFFE, Ian, Nigel** [GB/GB]; Brooklands, Carding Mill Valley, Church Stretton, Shropshire SY6 5JF (GB).

(74) **HOOPER, John, P., L.**; 5 Haslingfield Road, Harlton, Cambridge CB3 7ER (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22204** (13) A1

(21) PCT/AU97/00791

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) PO 3777 (32) **21 Nov/nov 1996 (21.11.1996)** (33) AU

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B01D 65/02

(54) MICROPOROUS MEMBRANE FILTRATION AND BACKWASHING PROCESS
FILTRATION PAR MEMBRANE MICROPOREUSE ET TECHNIQUE DE LAVAGE A CONTRE–COURANT

(71) **MEMTEC AMERICA CORPORATION** [US/US]; Suite 700, 9690 Deereco Road, Timonium, MD 21093 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JOHNSON, Warren** [AU/AU]; 8 Scarsborough Crescent, Bligh Park, NSW 2756 (AU). **BECK, Thomas, William** [AU/AU]; 31 Drummond Street, Windsor, NSW 2756 (AU). **ROGERS, Peter** [GB/GB]; 46 Morrellwood Drive, Belper, Derbyshire DE56 0JD (GB).

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

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

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(11) **WO 98/22205** (13) A1

(21) PCT/EP97/06065

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) de (26) de

(31) 196 47 293.8 (32) **15 Nov/nov 1996 (15.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B01D 65/08, C02F 5/12, B01D 61/04, 61/16

(54) INHIBITION AND DELAY OF DEPOSIT FORMATION IN MEMBRANE PROCESSES
INHIBITION ET RALENTISSEMENT DE LA FORMATION DE DEPOTS DANS DES PROCESSUS MEMBRANAIRES

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

(72, 75) **ZARGES, Wolfgang** [DE/DE]; Jakob–Böhme–Strasse 2, D–51065 Köln (DE). **GROTH, Torsten** [DE/DE]; Bergstrasse 52, D–51519 Odenthal (DE). **JOENTGEN, Winfried** [DE/DE]; Schlagbaumsweg 206, D–51067 Köln (DE). **GRÖSCHL, Andreas** [DE/DE]; Piet–Mondrian–Strasse 70, D–51375 Leverkusen (DE).

(74) **BAYER AKTIENGESELLSCHAFT**; D–51368 Leverkusen (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 TJ TM TR TT UA UG US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22206** (13) A2

(21) PCT/EP97/06456

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 08/754,554 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B01F 11/00, A22C , A23G

(54) MULTI–OUTLET DEPOSITOR
DISPOSITIF DE DEPOT A SORTIES MULTIPLES

(71) **VEMAG MASCHINEN– UND ANLAGENBAU GMBH** [DE/DE]; Weserstrasse 32, D–27283 Verden (DE).

(72) **COLE, Russell, H.**; 16 Francis Road, Sharon, MA 02067 (US).

(74) **SPEISER, Dieter, K.**; Eisenführ, Speiser & Partner, Martinistrasse 24, D–28195 Bremen (DE).

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

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(11) **WO 98/22207** (13) A1

(21) PCT/FR97/02091

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) fr (26) fr

(31) 96/14283 (32) **22 Nov/nov 1996 (22.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B01F 17/00

(54) NOVEL COMPOSITIONS WITH ALKYLGLYCOSIDE AND FATTY ALCOHOL BASE
NOUVELLES COMPOSITIONS A BASE D'ALKYLGLYCOSIDES ET D'ALCOOLS GRAS

(71) **SOCIETE D'EXPLOITATION DE PRODUITS POUR LES INDUSTRIES CHIMIQUES (SEPPIC)** [FR/FR]; 75, quai d'Orsay, F–75321 Paris Cedex 07 (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MILIUS, Alain** [FR/FR]; 24, boulevard Joseph Garnier, F–06000 Nice (FR). **MICHEL, Nelly** [FR/FR]; 6, résidence Le Parc, F–94700 Maisons Alfort (FR). **AMALRIC, Chantal** [FR/FR]; La Tuilerie, F–81700 Blan (FR).

(74) **HUBERT, Philippe** et al. / etc.; Cabinet Beau de Loménie, 158, rue de l'Université, F–75007 Paris (FR).

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

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(11) **WO 98/22208** (13) A2

(21) PCT/US97/20219

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 08/745,949 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B01J

(54) NONAZIDE GAS GENERANT COMPOSITIONS
COMPOSITIONS D'AGENT GENERANT UN GAZ NON AZIDE

(71) **AUTOMOTIVE SYSTEMS LABORATORY, INC.** [US/US]; Suite B–12, 27200 Haggerty Road, Farmington Hills, MI 48331 (US).

(72) **BURNS, Sean, P.**; 2779 Davison Avenue, Auburn Hills, MI 48326 (US). **KHANDHADIA, Paresh, S.**; 6697 Redford Circle, Troy, MI 48098 (US).

(74) **LYON, Lyman, R.**; Lyon, P.C., Suite 207, 3883 Telegraph Road, Bloomfield Hills, MI 48302–1476 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22209** (13) A1

(21) PCT/US97/21107

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 08/749,359 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B01J 8/00, C10B 21/00

(54) SELECTIVE CATALYTIC NO_x REDUCTION UTILIZING UREA WITHOUT CATALYST FOULING
REDUCTION SELECTIVE CATALYTIQUE DE NO_x DANS LAQUELLE ON UTILISE DE L'UREE, SANS ENCRASSEMENT DU CATALYSEUR

(71) **CLEAN DIESEL TECHNOLOGIES, INC.** [US/US]; 300 Atlantic Street, Stamford, CT 06901–3522 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PETER–HOBLYN, Jeremy, D.** [GB/GB]; Lamellon St. Tudy, Bodmin, Cornwall PL30 3NR (GB).

(74) **CARVIS, Thaddius, J.** et al. / etc.; St. Onge Steward Johnston & Reens LLC, 986 Bedford Street, Stamford, CT 06905–5619 (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; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22210** (13) A1

(21) PCT/FR97/02095

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) fr (26) fr

(31) 96/14215 (32) **21 Nov/nov 1996 (21.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B01J 13/02, A61K 9/50, 7/40

(54) CHITIN OR CHITIN DERIVATIVE MICROCAPSULES CONTAINING A HYDROPHOBIC SUBSTANCE, PARTICULARLY A SUN FILTER AND METHOD FOR PREPARING SUCH MICROCAPSULES
MICROCAPSULES DE CHITINE OU DE DERIVES DE CHITINE CONTENANT UNE SUBSTANCE HYDROPHOBE, NOTAMMENT UN FILTRE SOLAIRE ET PROCEDE DE PREPARATION DE TELLES MICROCAPSULES

(71) **MERCK S.A.** [FR/FR]; 5 à 9, rue Anquetil, F–94000 Nogent–sur–Marne (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GRANDMONTAGNE, Bernard** [FR/FR]; Kerazan Vian, Lilia, F–29880 Plouguerneau (FR). **MARCHIO, François** [FR/FR]; 283, rue des Pyrénées, F–75020 Paris (FR).

(74) **MARTIN, Jean–Jacques** et al. / etc.; Cabinet Regimbeau, 26, avenue Kléber, F–75116 Paris (FR).

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

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(11) **WO 98/22211** (13) A1

(21) PCT/EP97/06407

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 96810806.8 (32) **18 Nov/nov 1996 (18.11.1996)** (33) EP

(34) DE et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B01J 19/00

(54) DEVICE FOR POLYMERS SYNTHESIS
DISPOSITIF DE SYNTHESE DE POLYMERES

(71) **NOVARTIS AG** [CH/CH]; Schwarzwaldallee 215, CH–4058 Basel (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HALL, Jonathan** [GB/CH]; Donnerbühlweg 41, CH–3012 Bern (CH). **HASSLER, Martin** [CH/CH]; Schauenburgerstrasse 12, CH–4052 Basel (CH). **HÜSKEN, Dieter** [DE/DE]; Talstrasse 56, D–79102 Freiburg (DE).

(74) **ROTH, Bernhard, M.**; Novartis AG, Patent– und Markenabteilung, Lichtstrasse 35, CH–4002 Basel (CH).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22212** (13) A1

(21) PCT/GB97/03155

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 9623922.3 (32) **18 Nov/nov 1996 (18.11.1996)** (33) GB

(31) 9626819.8 (32) **23 Dec/déc 1996 (23.12.1996)** (33) GB

(31) 9703483.9 (32) **19 Feb/fév 1997 (19.02.1997)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B01J 19/00, B01D 15/08

(54) METHOD AND APPARATUS FOR USE IN SOLID–PHASE PHYSICAL, CHEMICAL, BIOLOGICAL AND BIOCHEMICAL TECHNIQUES
PROCEDE ET APPAREIL UTILISABLES DANS DES TECHNIQUES PHYSIQUES, CHIMIQUES, BIOLOGIQUES ET BIOCHIMIQUES EN PHASE SOLIDE

(71) **PHARMACEUTICAL TECHNOLOGY LTD.** [GB/GB]; 4 Fenland Business Centre, Longhill Road, March, Cambridgeshire PE15 0BJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BATES, John** [GB/GB]; Tamarisk House, High Street, Colne, Huntingdon, Cambridgeshire PE17 3ND (GB).

(74) **PERKINS, Sarah**; Stevens, Hewlett & Perkins, 1 Serjeants' Inn, Fleet Street, London EC4Y 1LL (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22213** (13) A1

(21) PCT/FR97/02021

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) fr (26) fr

(31) 96/14187 (32) **19 Nov/nov 1996 (19.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B01J 29/70, C01B 39/02, C07C 2/24

(54) DEALUMINISED NU–86 ZEOLITE AND ITS USE IN THE CONVERSION OF HYDROCARBONS
ZEOLITHE NU–86 DESALUMINEE ET SON UTILISATION EN CONVERSION DES HYDROCARBURES

(71) **INSTITUT FRANÇAIS DU PETROLE** [FR/FR]; 4, avenue de Bois Préau, F–92500 Rueil Malmaison (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BENAZZI, Eric** [FR/FR]; 44, rue le Val Sablons, F–78400 Chatou (FR). **CHOUTEAU, Nicolas** [FR/FR]; 124, rue Raymond Poincaré, F–92000 Nanterre (FR). **CAUFFRIEZ, Hervé** [FR/FR]; 14, rue Yvan Tourgueneff, F–78380 Bougival (FR).

(74) **INSTITUT FRANÇAIS DU PETROLE**; François Andreeff, 4, avenue de Bois Préau, F–92852 Rueil Malmaison Cedex (FR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22214** (13) A1

(21) PCT/US97/21129

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 08/755,267 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B01J 35/10, 23/888, 23/85, C10G 45/08

(54) HYDROGENATION PROCESS FOR UNSATURATED HYDROCARBONS
PROCEDE D'HYDROGENATION D'HYDROCARBURES INSATURES

(71) **EXXON CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520–5200 (US).

(72) **HALUSKA, Jerry, L.**; 14332 Shenandoan, Baton Rouge, LA 70817 (US). **PANNELL, Richard, B.**; 3902 Hill Springs Drive, Kingwood, TX 77345 (US).

(74) **SCHNEIDER, John, E.**; Exxon Chemical Company, P.O. Box 2149, Baytown, TX 77522–2149 (US) et al. / etc.

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

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(11) **WO 98/22215** (13) A1

(21) PCT/US97/18015

(22) **3 Oct/oct 1997 (03.10.1997)**

(25) en (26) en

(31) 08/755,423 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B01J 37/02

(54) METHOD AND APPARATUS FOR COATING A SUBSTRATE
PROCEDE DE REVETEMENT DE SUBSTRAT ET APPAREIL CORRESPONDANT

(71) **ENGELHARD CORPORATION** [US/US]; 101 Wood Avenue, P.O. Box 770, Iselin, NJ 08830–0770 (US).

(72) **SPENCER, Michael, D.**; 5 Cedar Brook, Somerset, NJ 08873 (US).

(74) **MILLER, Stephen, I.** et al. / etc.; Engelhard Corporation, 101 Wood Avenue, P.O. Box 770, Iselin, NJ 08830–0770 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22216** (13) A1

(21) PCT/GB97/03099

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 9623897.7 (32) **18 Nov/nov 1996 (18.11.1996)** (33) GB

(31) 9625033.7 (32) **2 Dec/déc 1996 (02.12.1996)** (33) GB

(31) 60/044,386 (32) **2 Dec/déc 1996 (02.12.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B01J 38/62, 23/94, C07C 51/265

(54) PRODUCTION OF AROMATIC CARBOXYLIC ACIDS AND RECOVERY OF CO/MN CATTALYST FROM ASH
PRODUCTION D'ACIDES CARBOXYLIQUES AROMATIQUES ET RECUPERATION D'UN CATALYSEUR DE CO/MN A PARTIR DE CENDRES

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROYALL, David, John** [GB/GB]; 59 Farndale Drive, Guisborough, Cleveland TS14 8JJ (GB). **BARTLETT, Julie, Ann** [GB/GB]; 2 The Acres, Stokesley, North Yorkshire TS9 5AQ (GB). **FAIRHURST, Roger, Gaskell** [GB/GB]; 23 Sidelings Tails, Yarm, Cleveland TS15 9HT (GB).

(74) **JONES, Alan, J.**; Carpmaels & Ransford, 43 Bloomsbury Square, London WC1A 2RA (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22217** (13) A1

(21) PCT/JP97/04189

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) ja (26) ja

(31) 8/322198 (32) **18 Nov/nov 1996 (18.11.1996)** (33) JP

(31) 9/281914 (32) **15 Oct/oct 1997 (15.10.1997)** (33) JP

(31) 9/308705 (32) **11 Nov/nov 1997 (11.11.1997)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B01J 39/18, 41/12, C02F 1/00

(54) POLYMERIC MATERIAL FOR WATER TREATMENT, CATION–EXCHANGE RESIN, AND ANION–EXCHANGE RESIN
MATERIAU POLYMERE POUR LE TRAITEMENT DE L'EAU, RESINE D'ECHANGE CATIONIQUE ET RESINE D'ECHANGE ANIONIQUE

(71) **KURITA WATER INDUSTRIES LTD.** [JP/JP]; 4–7, Nishi–shinjuku 3–chome, Shinjuku–ku, Tokyo 160 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WAKITA, Masa–aki** [JP/JP]; Kurita Water Industries Ltd., 4–7, Nishi–shinjuku 3–chome, Shinjuku–ku, Tokyo 160 (JP). **YAMAGUCHI, Masato** [JP/JP]; Kurita Water Industries Ltd., 4–7, Nishi–shinjuku 3–chome, Shinjuku–ku, Tokyo 160 (JP). **ADACHI, Tsuneyasu** [JP/JP]; Kurita Water Industries Ltd., 4–7, Nishi–shinjuku 3–chome, Shinjuku–ku, Tokyo 160 (JP). **UENO, Toshihiro** [JP/JP]; Kurita Water Industries Ltd., 4–7, Nishi–shinjuku 3–chome, Shinjuku–ku, Tokyo 160 (JP).

(74) **UCHIYAMA, Mitsuru**; TSI Sudacho Building 8F, 4–1, Kandasudacho 1–chome, Chiyodaku, Tokyo 101 (JP).

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

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(11) **WO 98/22218** (13) A1

(21) PCT/DE97/02712

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) de (26) de

(31) 196 47 673.9 (32) **19 Nov/nov 1996 (19.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B01L 3/14

(54) SAMPLE VESSEL FOR TAKING BLOOD SAMPLES
FLACON A ECHANTILLON POUR PRELEVEMENT DE SANG

(71) **SARSTEDT AG & CO.** [DE/DE]; Rommelsdorfer Strasse, D–51588 Nümbrecht (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SARSTEDT, Walter** [DE/DE]; Rommelsdorfer Strasse, D–51588 Nümbrecht (DE).

(74) **GIHSKE, Wolfgang**; Hemmerich–Müller und Kollegen, Eduard–Schloemann–Strasse 55, D–40237 Düsseldorf (DE).

(81) AU BY CA CZ EE JP LT LV NO PL RU SI SK UA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(11) **WO 98/22219** (13) A1

(21) PCT/US97/21228

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 60/031,024 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 60/043,211 (32) **9 Apr/avr 1997 (09.04.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B01L 9/00, 11/00

(54) APPARATUS FOR MULTI–WELL MICROSCALE SYNTHESIS
APPAREIL MULTIPUITS POUR SYNTHESE A PETITE ECHELLE

(71) **ROBBINS SCIENTIFIC CORPORATION** [US/US]; 814 San Aleso Avenue, Sunnyvale, CA 94086–1411 (US).

(72) **ROBBINS, Paul, B.**; 866 Miranda Green, Palo Alto, CA 94306 (US). **STANCHFIELD, James, E.**; 25 Cervantes Boulevard, #201, San Francisco, CA 94123 (US). **BAILEY, Chris, N.**; 1024 S. De Anza Boulevard, A201, San Jose, CA 95129 (US). **WRIGHT, David, J.**; 3431 Foxtail Terrace, Fremont, CA 94536 (US).

(74) **HUGHES, Michael, J.**; IPLO of Michael J. Hughes, Suite 295, 1171 Homestead Road, Santa Clara, CA 95050–5478 (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; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(11) **WO 98/22220** (13) A1

(21) PCT/JP96/03441

(22) **22 Nov/nov 1996 (22.11.1996)**

(25) en (26) en

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B02C 17/16

(54) DISPERSING APPARATUS
DISPOSITIF DE DISPERSION

(71) **TOYO INK MANUFACTURING CO., LTD.** [JP/JP]; 3–13, Kyobashi 2–chome, Chuo–ku, Tokyo 104 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHIMIZU, Hideo** [JP/JP]; Toyo Ink Manufacturing Co., Ltd., 3–13, Kyobashi 2–chome, Chuo–ku, Tokyo 104 (JP). **DOHI, Makoto** [JP/JP]; Toyo Ink Manufacturing Co., Ltd., 3–13, Kyobashi 2–chome, Chuo–ku, Tokyo 104 (JP).

(74) **MIYOSHI, Hidekazu**; Toranomon–Daiichi Building, 3rd floor, 2–3, Toranomon 1–chome, Minato–ku, Tokyo 105 (JP).

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

Published / Publiée : *(b)*

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(11) **WO 98/22221** (13) A1

(21) PCT/AT97/00252

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) de (26) de

(31) A 2020/96 (32) **20 Nov/nov 1996 (20.11.1996)** (33) AT

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B02C 19/00

(54) IMPACT CRUSHER
BROYEUR A PERCUSSION

(71) **CHRISTIAN PFEIFFER MASCHINENFABRIK GMBH** [AT/AT]; Werkstrasse 5, A–8940 Liezen (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEIGL, Josef** [AT/AT]; A–8980 Niederöblarn 12 (AT). **HACKL, Helmut** [AT/AT]; Gaisriegl 37, A–4574 Vorderstoder (AT). **PERNKOPF, Hubert** [AT/AT]; Perköpfl 51, A–4580 Windischgarsten (AT). **PICHLER, Walter** [AT/AT]; A–8900 Selzthal 164 (AT). **SCHACHNER, Franz** [AT/AT]; A–8983 Bad Mitterndorf (AT).

(74) **MIKSOVSKY, Alexander**; Miksovsky & Pollhammer OEG, Währingerstrasse 3, A–1096 Wien (AT).

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

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(11) **WO 98/22222** (13) A1

(21) PCT/SE97/01950

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) sv (26) en

(31) 9604279–1 (32) **21 Nov/nov 1996 (21.11.1996)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B03C 3/155

(54) DEVICE IN CONNECTION WITH AN ELECTROSTATIC FILTER
DISPOSITIF COMBINE A UN FILTRE ELECTROSTATIQUE

(71) **BLUE AIR AB** [SE/SE]; Danderydsgatan 11, S–114 26 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WENNERSTRÖM, Johan** [SE/SE]; Ebba Brahes väg 9B, S–192 69 Sollentuna (SE).

(74) **ERIKSSON, Kjell**; Norrtelje Patentbyrå AB, P.O. Box 38, S–761 21 Norrtälje (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 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 SK (Utility model / modèle d'utilité) TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22223** (13) A1

(21) PCT/CH97/00438

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) de (26) de

(31) 196 48 182.1 (32) **21 Nov/nov 1996 (21.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B03C 3/41, 3/66

(54) CORONA ELECTRODES FOR A FILTER STRUCTURE FOR SEPARATING IMPURITIES FROM A FLOW OF GAS, FILTER STRUCTURE WITH CORRESPONDING CORONA ELECTRODES AND METHOD OF OPERATION
ELECTRODE A EFFET DE COURONNE POUR UN SYSTEME FILTRANT DESTINE A SEPARER LES IMPURETES CONTENUES DANS UN FLUX GAZEUX, SYSTEME FILTRANT CONTENANT CE TYPE D'ELECTRODE ET SON MODE DE FONCTIONNEMENT

(71) **ABB RESEARCH LTD.** [CH/CH]; Affolternstrasse 52, CH–8050 Zürich (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EGLI, Walter** [CH/CH]; Alte Bettswilerstrasse, CH–8344 Bäretswil (CH). **KOGELSCHATZ, Ulrich** [DE/CH]; Obere Parkstrasse 8, CH–5212 Hausen (CH).

(74) **ASEA BROWN BOVERI AG**; Abt. TEI–Immaterialgüterrecht, CH–5401 Baden (CH).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DK EE ES FI GB GE GH 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; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(a)*

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(11) **WO 98/22224** (13) A1

(21) PCT/US97/21390

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 08/754,229 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B05C 11/00, B05D 3/02, 3/12, D06B 21/00, 23/04, D06P 5/02

(54) METHOD FOR TREATING TRAVELLING TEXTILE MATERIAL
PROCEDE DE TRAITEMENT D'UNE MATIERE TEXTILE MOBILE

(71, 72) **THRELKELD, James, O.** [US/US]; 4100 Barringer Drive, Charlotte, NC 28217 (US).

(74) **SAWYER, Karl, S., Jr.**; Kennedy Covington Lobdell & Hickman, L.L.P., 4200 NationsBank Corporate Center, 100 North Tryon Street, Charlotte, NC 28202–4006 (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 LV MD MG MK MN 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22225** (13) A1

(21) PCT/US97/21113

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/754,216 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B05D 3/02, B32B 9/00, 9/04, 15/08

(54) LIQUID EBONITE ANTICORROSIVE COATING FOR METALS
REVETEMENT ANTICORROSIF POUR METAUX, A BASE D'EBONITE LIQUIDE

(71) **MMR TECHNOLOGIES** [US/US]; 1400 North Shoreline Boulevard #A–5, Mountain View, CA 94043 (US).

(72) **RAPPOPORT, Leonid**; 122 Flynn Avenue #D, Mountain View, CA 94043 (US).

(74) **McFARLANE, Thomas, J.**; 426 Lowell Avenue, Palo Alto, CA 94301 (US).

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

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(11) **WO 98/22226** (13) A1

(21) PCT/US97/21254

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/754,159 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B05D 3/06, 3/08, B32B 31/26

(54) DECORATION AND PRINTING ON POLYOLEFIN SURFACES
DECORATION ET IMPRESSION SUR DES SURFACES EN POLYOLEFINE

(71, 72) **STEVENSON, Michael, J.** [US/US]; 1200 Soldier Pass Road, Sedona, AZ 86340 (US).

(72) **REEVES, Robert, A.**; 805 Oasis Drive, Cottonwood, AZ 86326 (US).

(74) **STRAUSS, Robert, E.**; 17853 Santiago Boulevard #107 343, Villa Park, CA 92861 (US).

(81) AU BR CA CN IL JP KR MX NO NZ VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22227** (13) A1

(21) PCT/US97/21264

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/754,689 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B05D 5/06, G02B 5/08, 5/20, 5/28, B32B 7/02, 15/04, 17/06

(54) MIRROR WITH SCRATCH RESISTANT SURFACE
MIROIR A SURFACE RESISTANT A LA RAYURE

(71, 72) **O'CONNELL, Lawrence, E.** [US/US]; 1409 Summerhill Way, Louisville, KY 48223 (US). **BOZEMAN, David, B.** [US/US]; 8602 Canopus Place, Louisville, KY 40219 (US).

(74) **REISING, ETHINGTON, BARNARD & PERRY**; Suite 400, 201 West Big Beaver, Troy, MI 48084 (US).

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

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(11) **WO 98/22228** (13) A1

(21) PCT/DE97/02592

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) de (26) de

(31) 196 47 973.8 (32) **20 Nov/nov 1996 (20.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B07C 3/02

(54) METHOD AND DEVICE FOR DISTRIBUTING MAIL ITEMS
PROCEDE ET DISPOSITIF DE REPARTITION D'ENVOIS

(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) **LOHMANN, Boris** [DE/DE]; An der Gete 148, D–28211 Bremen (DE).

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

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(11) **WO 98/22229** (13) A1

(21) PCT/DE97/02608

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) de (26) de

(31) 196 48 005.1 (32) **20 Nov/nov 1996 (20.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B07C 3/18

(54) METHOD FOR CODING MAILING ITEMS
PROCEDE DE CODAGE D'ENVOIS

(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) **LOHMANN, Boris** [DE/DE]; Höhrenbergstrasse 10, D–78476 Allensbach (DE).

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

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(11) **WO 98/22230** (13) A1

(21) PCT/JP97/04112

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) ja (26) ja

(31) 8/304712 (32) **15 Nov/nov 1996 (15.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B08B 3/02, H01L 21/304, F26B 5/08

(54) SPINNING DEVICE AND SPINNING METHOD
DISPOSITIF ROTATIF ET PROCEDE DE MISE EN ROTATION

(71) **SHIBAURA ENGINEERING WORKS CO., LTD.** [JP/JP]; 1000–1, Kasamacho, Sakae–ku, Yokohama–shi, Kanagawa–ken 247 (JP). **KABUSHIKI KAISHA TOSHIBA** [JP/JP]; 72, Horikawa–cho, Saiwai–ku, Kawasaki–shi, Kanagawa–ken 210 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DOI, Tsutomu** [JP/JP]; 6–39–6, Aizawa, Seya–ku, Yokohama–shi, Kanagawa–ken 246 (JP). **KUROKAWA, Yoshiaki** [JP/JP]; 5–6–15–504, Yokodai, Isogo–ku, Yokohama–shi, Kanagawa–ken 235 (JP). **SAKURAI, Naoaki** [JP/JP]; 25–1, Hino 4–chome, Konan–ku, Yokohama–shi, Kanagawa–ken 234 (JP).

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

(81) CN KR US; EP (AT DE FR GB IT NL).

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(11) **WO 98/22231** (13) A1

(21) PCT/IL97/00360

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 119634 (32) **18 Nov/nov 1996 (18.11.1996)** (33) IL

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B08B 7/00

(54) METHOD AND APPARATUS FOR THE TREATMENT OF SURFACES OF LARGE METAL OBJECTS
PROCEDE ET DISPOSITIF SERVANT A TRAITER DES SURFACES D'OBJETS METALLIQUES DE DIMENSIONS IMPORTANTES

(71) **OMERCO LTD.** [IL/IL]; Zabar Street 15, 84965 Omer (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOROCHIN, Michael** [IL/IL]; Hamaapilim Street 22, 84411 Beer–Sheva (IL).

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

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

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(11) **WO 98/22232** (13) A1

(21) PCT/US97/20769

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/752,054 (32) **19 Nov/nov 1996** (33) US **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B08B 7/00

(54) METHOD AND APPARATUS FOR ENVIRONMENTAL TREATMENT OF HEAVY METALS
PROCEDE ET APPAREIL DE TRAITEMENT ECOLOGIQUE DE METAUX LOURDS

(71, 72) **HUFF, Carl, L.** [US/US]; 8700 Clay Road #100, Houston, TX 77080 (US).

(74) **DUKE, Jackie, Lee**; Suite 100, 1001 West Loop South, Houston, TX 77027–9009 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22233** (13) A1

(21) PCT/FR97/02055

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) fr (26) fr

(31) 96/13958 (32) **15 Nov/nov 1996** (33) FR **(15.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B09B 3/00, E01C 7/18

(54) METHOD FOR TREATING DROSS TO OBTAIN BITUMINOUS BASE COURSE
PROCEDE DE TRAITEMENT DES MACHEFERS POUR L'OBTENTION DE GRAVE–MOUSSE

(71) **ENTERPRISE JEAN LEFEBVRE** [FR/FR]; 11, boulevard Jean Mermoz, F–92200 Neuilly sur Seine (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERREBI, Daniel** [FR/FR]; 29–35, rue du Docteur Blanche, F–75116 Paris (FR). **GOACOLOU, Honoré** [FR/FR]; 11, rue Lafayette, F–78340 Les Clayes–sous–Bois (FR).

(74) **MARTIN, Jean–Jacques** et al. / etc.; Cabinet Régimbeau, 26, avenue Kléber, F–75116 Paris (FR).

(81) CA CZ US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22234** (13) A1

(21) PCT/DE97/02643

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) de (26) de

(31) 196 47 637.2 (32) **18 Nov/nov 1996** (33) DE **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B21B 37/46, H02P 7/74

(54) MILL TRAIN WITH AT LEAST ONE ROLL STAND WITH THREE–PHASE CURRENT DRIVING SYSTEM
TRAIN DE LAMINAGE COMPRENANT AU MOINS UNE CAGE DE LAMINOIR POURVUE D'UN SYSTEME D'ENTRAINEMENT A COURANT TRIPHASE

(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) **WOKUSCH, Johann** [DE/DE]; Irrlinnig 28, D–91301 Forchheim (DE).

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

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(11) **WO 98/22235** (13) A1

(21) PCT/FR97/02059

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) fr (26) fr

(31) 96/14129 (32) **18 Nov/nov 1996** (33) FR **(18.11.1996)**

(31) 97/13547 (32) **29 Oct/oct 1997** (33) FR **(29.10.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B21D 1/12

(54) DEVICE AND METHOD FOR STRAIGHTENING OUT DAMAGED METAL AND PLASTIC ELEMENTS
DISPOSITIF ET PROCEDE POUR REDRESSER DES ELEMENTS METALLIQUES ET PLASTIQUES ENDOMMAGES

(71, 72) **SARRION, Sanchez, Christian** [FR/FR]; 1, avenue Rude–Clos des Manoirs, F–91590 La Ferté Alais (FR).

(74) **VERDIER, Louis**; Cabinet Argos Innovation & Associés, 5 bis, avenue Gilles, F–94340 Joinville Le Pont (FR).

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

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(11) **WO 98/22236** (13) A1

(21) PCT/JP97/04224

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) ja (26) ja

(31) 8/308416 (32) **19 Nov/nov 1996** (33) JP **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B21D 5/02

(54) UPPER DIE FITTING APPARATUS OF PRESS BRAKE
APPAREIL POUR LA FIXATION DE LA MATRICE SUPERIEURE D'UNE PRESSE–LIEUSE

(71) **KOMATSU LTD.** [JP/JP]; 3–6, Akasaka 2–chome, Minato–ku, Tokyo 107 (JP). **KOMATSU INDUSTRIES CORPORATION** [JP/JP]; 3–6, Akasaka 2–chome, Minato–ku, Tokyo 107 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOJIMA, Hiroyuki** [JP/JP]; Komatsu Industries Corporation, Komatsu Factory, 5, Yookaichi-machijigata, Komatsu–shi, Ishiakwa 923 (JP).

(74) **INOUE, Tsutomu**; Hommachi–Heisei Building 4F, 2–12, Itachibori 1–chome, Nishi–ku, Osaka–shi, Osaka 550 (JP).

(81) DE US.

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(11) **WO 98/22237** (13) A1

(21) PCT/NL97/00633

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) nl (26) en

(31) 1004579 (32) **21 Nov/nov 1996** (33) NL **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B21D 9/03

(54) BENDING MANDREL
MANDRIN DE CINTRAGE

(71) **GRAND PRIX SILENCERS B.V.** [NL/NL]; Konstruktieweg 3 + 3a, NL–6045 JD Roermond (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GROBBENHAAR, Hermanus, Gerhardus** [NL/NL]; Stationsweg 82d, NL–6075 CD Herkenbosch (NL).

(74) **EVELEENS MAARSE, Pieter**; Arnold & Siedsma, Sweenlinckplein 1, NL–2517 GK The Hague (NL).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE HU 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 US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22238** (13) A1

(21) PCT/JP96/03371

(22) **18 Nov/nov 1996 (18.11.1996)**

(25) ja (26) ja

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B21D 37/10, B30B 15/04, B21D 19/08

(54) STRUCTURE FOR MOUNTING GUIDE CYLINDERS OF HEMMING PRESS
STRUCTURE DE MONTAGE DE CYLINDRES GUIDES DE PRESSE DE BORDURE

(71) **SANYO MACHINE WORKS, LTD.** [JP/JP]; 1, Aza Oka, Oaza Okimura, Nishiharucho, Nishikasugai–gun, Aichi 481 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **INABA, Hirakazu** [JP/JP]; Sanyo Machine Works, Ltd., 1, Aza Oka, Oaza Okimura, Nishiharucho Nishikasugai–gun, Aichi 481 (JP).

(74) **EHARA, Syogo** et al. / etc.; Ehara Patent Office, Osaka Shoko Building, 15–26, Edobori 1–chome, Nishi–ku, Osaka–shi, Osaka 550 (JP).

(81) JP US.

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(11) **WO 98/22239** (13) A1

(21) PCT/JP97/04251

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) ja (26) ja

(31) 8/310295 (32) **21 Nov/nov 1996** (33) JP **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B21K 23/04

(54) INTEGRAL STRUCTURE OF SHEET MATERIAL AND CYLINDRICAL MEMBER AND PRODUCTION METHOD THEREOF
STRUCTURE MONOBLOC MATERIAU EN FEUILLE ET ELEMENT CYLINDRIQUE, ET PROCEDE DE PRODUCTION ASSOCIE

(71) **SANGO CO., LTD.** [JP/JP]; 3–1, Mutsuno 1–chome, Atsuta–ku, Nagoya–shi, Aichi 456 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SEKIDO, Yutaka** [JP/JP]; 13, Shiomigaoka 1–chome, Midori–ku, Nagoya–shi, Aichi 458 (JP).

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

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

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(11) **WO 98/22240** (13) A1

(21) PCT/GB97/02971

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) en (26) en

(31) 9624340.7 (32) **22 Nov/nov 1996** (33) GB **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B22C 1/02, 5/00

(54) SAND RECLAMATION
RECUPERATION DU SABLE

(71) **FOSECO INTERNATIONAL LIMITED** [GB/GB]; Burmah Castrol House, Pipers Way, Swindon, Wiltshire SN3 1RE (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WARD, Stuart, Peter** [GB/GB]; 26 Wood Street, Wood End, Atherstone, Warwickshire CV9 2QJ (GB). **SIMPSON, Robert** [GB/GB]; 33 Troon, Amington, Tamworth, Staffordshire B77 4RB (GB).

(74) **LEWIS, Pauline, T.**; Burmah Castrol Trading Limited, Group Patents Dept., Burmah Castrol House, Pipers Way, Swindon, Wiltshire SN3 1RE (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22241** (13) A2

(21) PCT/EP97/06373

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) de (26) de

(31) 196 47 368.3 (32) **15 Nov/nov 1996** (33) DE **(15.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B22C 1/16, 1/20, C04B 35/624, 35/628, 35/63

(54) FOUNDRY BINDER
LIANT DE FONDERIE

(71) **INSTITUT FÜR NEUE MATERIALIEN GEM. GMBH** [DE/DE]; Gebäude 43a, Im Stadtwald, D–66123 Saarbrücken (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SCHMIDT, Helmut** [DE/DE]; Im Königsfeld 29, D–66130 Saarbrücken–Güdingen (DE). **MENNIG, Martin** [DE/DE]; Mittelstrasse 5, D–66287 Quierschied (DE). **JONSCHKER, Gerhard** [DE/DE]; Grünewaldstrasse 12, D–66583 Spiesen–Elversberg (DE).

(74) **BARZ, Peter**; Kaiserplatz 2, D–80803 München (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22242** (13) A1

(21) PCT/EP97/06385

(22) **15 Nov/nov 1997 (15.11.1997)**

(25) de (26) de

(31) 196 48 213.5 (32) **21 Nov/nov 1996** (33) DE **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B22C 7/00

(54) PROCESS FOR MANUFACTURING AXLE BRIDGE HOUSINGS
PROCEDE DE FABRICATION DE CARTERS DE PONT

(71) **ZF FRIEDRICHSHAFEN AG** [DE/DE]; D–88038 Friedrichshafen (DE).

(72) **SONNLEITNER, Hermann**; Kreuzberg 362, D–94078 Freyung (DE). **SOLKA, Ulrich**; Lerchenweg 6 a, D–94081 Fürstenzell (DE). **FRIEDL, Reinhard**; Scheibenweg 14, D–94146 Hinterschmiding (DE). **EDHOFER, Franz**; Brunngasse 23, D–94127 Neuburg (DE).

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

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(11) **WO 98/22243** (13) A1

(21) PCT/JP97/04162

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) ja (26) ja

(31) 8/306656 (32) **18 Nov/nov 1996** (33) JP **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B22D 11/10

(54) NOZZLE FOR THE CONTINUOUS CASTING OF STEEL
BUSETTE POUR COULEE CONTINUE D'ACIER

(71) **SHINAGAWA REFRACTORIES CO., LTD.** [JP/JP]; 2–1, Ohtemachi 2–chome, Chiyoda–ku, Tokyo 100 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **NOMURA, Osamu** [JP/JP]; 952–6, Osafune–machi, Oku–gun, Okayama 701–42 (JP). **NAKAMURA, Ryosuke** [JP/JP]; 1165–12, Osafune–machi, Oku–gun, Okayama 701–42 (JP). **LIN, Wei** [CN/JP]; 1931, Inbe, Bizen–shi, Okayama 705 (JP).

(74) **SOGA, Michiteru** et al. / etc.; S. Soga & Co., 8th floor, Kokusai Building, 1–1, Marunouchi 3–chome, Chiyoda–ku, Tokyo 100 (JP).

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

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(11) **WO 98/22244** (13) A1

(21) PCT/US97/20272

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) 08/755,277 (32) **22 Nov/nov 1996** (33) US **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B22F 3/12, C22C 1/15, 1/10

(54) PROCESS FOR MAKING A DENSE CERAMIC WORKPIECE
PROCEDE DE FABRICATION D'UNE PIECE EN CERAMIQUE DENSE

(71) **DREXEL UNIVERSITY** [US/US]; 32nd & Chestnut Streets, Philadelphia, PA 19104 (US).

(72) **BARSOUM, Michel, W.**; 3229 Bethel Avenue, Pennsauken, NJ 08109 (US). **EL–RAGHY, Tamer**; Apartment 1002, 2101 Chestnut Street, Philadelphia, PA 19103 (US).

(74) **EGOLF, Christopher** et al. / etc.; Panitch Schwarze Jacobs & Nadel, P.C., One Commerce Square, 22nd floor, 2005 Market Street, Philadelphia, PA 19103–7086 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22245** (13) A1

(21) PCT/SE97/01851

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 9604192–6 (32) **15 Nov/nov 1996** (33) SE **(15.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B23B 27/16, 29/12, B23C 5/22

(54) INSERT SECURING DEVICE
DISPOSITIF DE FIXATION POUR PIECE AMOVIBLE

(71, 72) **SCHMIDT, Erik** [SE/SE]; Rödhakevägen 12A, S–756 52 Uppsala (SE).

(74) **ANDERSSON, Carlåke** et al. / etc.; Dr. Ludwig Brann Patentbyrå AB, Drottninggatan 7, P.O. Box 1344, S–751 43 Uppsala (SE).

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

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(11) **WO 98/22246** (13) A1

(21) PCT/EP97/06287

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) de (26) de

(31) 196 47 996.7 (32) **20 Nov/nov 1996** (33) DE **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B23B 31/30, 31/16, B25B 5/06

(54) CLAMPING DEVICE
DISPOSITIF DE SERRAGE

(71) **HAINBUCH GMBH SPANNENDE TECHNIK** [DE/DE]; Erdmannhäuser Strasse 57, D–71672 Marbach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WELLER, Hans–Michael** [DE/DE]; Hardtstrasse 6, D–71672 Marbach (DE).

(74) **KASTNER, Hermann**; Ruhrstrasse 10/1, D–71636 Ludwigsburg (DE).

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

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(11) **WO 98/22247** (13) A1

(21) PCT/FR97/02070

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) fr (26) fr

(31) 96/14315 (32) **22 Nov/nov 1996 (22.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B23K 9/09

(54) METHOD AND DEVICE FOR PULSED ARC WELDING
PROCEDE ET DISPOSITIF DE SOUDAGE A L'ARC EN COURANT PULSE

(71) **LA SOUDURE AUTOGENE FRANCAISE** [FR/FR]; 75, quai d'Orsay, F–75007 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PLOTTIER, Gérard** [FR/FR]; 4, place Jules Verne, F–93380 Pierrefitte (FR). **BRIAND, Francis** [FR/FR]; 18, rue Cail, F–75010 Paris (FR).

(74) **L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE**; 75, quai d'Orsay, F–75321 Paris Cedex 07 (FR).

(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 MN MX NO NZ PL RO SG SI SK TR TT UA US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22248** (13) A1

(21) PCT/JP97/04220

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) ja (26) ja

(31) 8/307577 (32) **19 Nov/nov 1996 (19.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B23K 20/00

(54) METHOD OF BONDING TWO–PHASE STAINLESS STEEL
PROCEDE DE SOUDAGE D'ACIER INOXYDABLE A DEUX PHASES

(71) **SUMITOMO METAL INDUSTRIES, LTD.** [JP/JP]; 5–33, Kitahama 4–chome, Chuo–ku, Osaka–shi, Osaka 541 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HIRATA, Hiroyuki** [JP/JP]; 22–21, Otowa–cho, Neyagawa–shi, Osaka 572 (JP). **KOMIZO, Yuuichi** [JP/JP]; 5–27, Tokiwa–cho, Nishinomiya–shi, Hyogo 662 (JP). **FUKADA, Yasuto** [JP/JP]; 3–22, Namiki–cho, Hachioji–shi, Tokyo 193 (JP). **UEDA, Masakatsu** [JP/JP]; 198, Higashiine, Tawaramoto–cho, Shiki–gun, Nara 636–03 (JP).

(74) **HONOUE, Terutada** et al. / etc.; Honoue Patent Office, Sumitomoseimei–Amagasaki Building, 17–23, Higashinaniwa–cho 5–chome, Amagasaki–shi, Hyogo 660 (JP).

(81) CA NO US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22249** (13) A1

(21) PCT/EP97/06494

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) de (26) de

(31) 196 48 260.7 (32) **21 Nov/nov 1996 (21.11.1996)** (33) DE

(31) 196 48 261.5 (32) **21 Nov/nov 1996 (21.11.1996)** (33) DE

(31) 197 23 868.8 (32) **6 Jun/juin 1997 (06.06.1997)** (33) DE

(31) 197 24 899.3 (32) **12 Jun/juin 1997 (12.06.1997)** (33) DE

(31) 97112733.7 (32) **24 Jul/juil 1997 (24.07.1997)** (33) EP

(34) AT et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B23K 20/02

(54) INTERLOCKING OF TWO PARTS IN POSITIVE MATERIAL FIT
ASSEMBLAGE DE DEUX PIECES PAR LIAISON DE MATIERE

(71) **SEILSTORFER GMBH & CO. METALLURGISCHE VERFAHRENSTECHNIK KG** [DE/DE]; Kolbingerstrasse 7, D–83527 Haag (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SEILSTORFER, Helmut** [DE/DE]; Ebersbergerstrasse 12, D–81679 München (DE).

(74) **WILHELMS, KILIAN & PARTNER**; Eduard–Schmid–Strasse 2, D–81541 München (DE).

(81) BR CA CN JP KR MX US.

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(11) **WO 98/22250** (13) A1

(21) PCT/AU97/00794

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) PO 3765 (32) **21 Nov/nov 1996 (21.11.1996)** (33) AU

(31) PO 4101 (32) **6 Dec/déc 1996 (06.12.1996)** (33) AU

(31) PO 4474 (32) **6 Jan/jan 1997 (06.01.1997)** (33) AU

(31) PO 5903 (32) **27 Mar/mar 1997 (27.03.1997)** (33) AU

(31) PO 6951 (32) **22 May/mai 1997 (22.05.1997)** (33) AU

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B23K 26/00, B32B 31/14, 31/28, B26F 3/06, 3/16

(54) IMPROVED OBJECT MANUFACTURE
FABRICATION D'OBJET AMELIOREE

(71) **THAUMATURGE PTY. LIMITED** [AU/AU]; 143 Sydney Road, Fairlight, NSW 2094 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAFFAELE, Peter, Robert** [AU/AU]; 9 Lakeside Crescent, North Manly, NSW 2100 (AU).

(74) **MOORE CHRYSILIOU, Kerry** et al. / etc.; Chrysiliou Moore Martin, 143 Sydney Road, Fairlight, NSW 2094 (AU).

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

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(11) **WO 98/22251** (13) A1

(21) PCT/CA97/00855

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 9624039.5 (32) **19 Nov/nov 1996 (19.11.1996)** (33) GB

(31) 9624652.5 (32) **27 Nov/nov 1996 (27.11.1996)** (33) GB

(31) 9700251.3 (32) **8 Jan/jan 1997 (08.01.1997)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B23K 26/00, 33/00

(54) OVERLAPPING JOINT FOR LASER WELDING OF TAILORED BLANKS
JOINT RECOUVRANT POUR SOUDAGE PAR LASER D'EBAUCHES COUPEES SUR MESURE

(71) **POWERLASERS LTD.** [CA/CA]; 55 Confederation Parkway, Concorde, Ontario L4K 4Y7 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WESTBROEK, Wido** [CA/CA]; 1–525 Oakvale Drive, Waterloo, Ontario N2T 2G8 (CA). **UBHI, Gursharan** [GB/GB]; 17 Anita Drive, St. Clements, Ontario N0B 2M0 (CA). **HUGHES, David** [CA/CA]; 5 Riverside Crescent, Toronto, Ontario M6S 1B5 (CA).

(74) **ORANGE, John, R., S.** et al. / etc.; Orange & Associates, Suite 3600, Toronto Dominion Bank Tower, Toronto–Dominion Centre, P.O. Box 190, Toronto, Ontario M5K 1H6 (CA).

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

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(22) **14 Nov/nov 1997 (14.11.1997)**

(25) ja (26) ja

(31) 8/326091 (32) **20 Nov/nov 1996 (20.11.1996)** (33) JP

(31) 8/326092 (32) **20 Nov/nov 1996 (20.11.1996)** (33) JP

(31) 8/358910 (32) **27 Dec/déc 1996 (27.12.1996)** (33) JP

(31) 8/358911 (32) **27 Dec/déc 1996 (27.12.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B23K 26/00, 26/02, 26/06, H05K 3/00, 3/46

(54) LASER MACHINING APPARATUS, AND APPARATUS AND METHOD FOR MANUFACTURING A MULTILAYERED PRINTED WIRING BOARD
APPAREIL D'USINAGE LASER, ET PROCEDE ET DISPOSITIF DE FABRICATION D'UNE CARTE IMPRIMEE MULTICOUCHE

(71) **IBIDEN CO., LTD.** [JP/JP]; 1, Kandacho 2–chome, Ogaki–shi, Gifu 503 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HIRAMATSU, Yasuji** [JP/JP]; Ogaki–kita–kojou, Ibiden Kabusiki Kaisha, 1, Kitakata 1–chome, Ibigawacho, Ibi–gun, Gifu 501–06 (JP).

(74) **TASHITA, Akihito** et al. / etc.; Horii–Building, 4F, 1–27, Kamimaezu 2–chome, Naka–ku, Nagoya–shi, Aichi 460 (JP).

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

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(11) **WO 98/22253** (13) A1

(21) PCT/US96/19744

(22) **22 Nov/nov 1996 (22.11.1996)**

(25) en (26) en

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B23K 26/00, B29C 41/02, B32B 1/00

(54) RAPID MANUFACTURING SYSTEM WITH LASER FUSION OF FEEDSTOCK
SYSTEME DE FABRICATION RAPIDE AVEC FUSION LASER DE LA CHARGE D'ALIMENTATION

(71, 72) **RABINOVICH, Joshua, E.** [US/US]; 15 Voss Terrace, Newton, MA 02159 (US).

(74) **WRAY, James, C.** et al. / etc.; Suite 300, 1493 Chain Bridge Road, McLean, VA 22101 (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 US UZ VN; AP (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22254** (13) A1

(21) PCT/IL97/00365

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 119672 (32) **21 Nov/nov 1996 (21.11.1996)** (33) IL

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B23K 26/08, 26/06

(54) METHOD AND APPARATUS FOR THE LASER PROCESSING OF SUBSTRATE SURFACES
PROCEDE ET DISPOSITIF SERVANT A EFFECTUER LE TRAITEMENT LASER DE SURFACES DE SUBSTRATS

(71) **ORAMIR SEMICONDUCTOR EQUIPMENT LTD.** [IL/IL]; P.O. Box 14, 31000 Haifa (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZAHAVI, Dov** [IL/IL]; Eilat Street 18, 32298 Haifa (IL). **LEVINSOHN, Natalie** [IL/IL]; Hatmarim Street 10, 38481 Hadera (IL). **GHILAI, Shay** [IL/IL]; Ir Shemesh Street 55a, 69086 Tel Aviv (IL).

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

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

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(11) **WO 98/22255** (13) A1

(21) PCT/JP97/04190

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) ja (26) ja

(31) 8/321210 (32) **18 Nov/nov 1996 (18.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B23K 35/30, C22C 38/00, 38/58

(54) WIRE FOR WELDING HIGH–CHROMIUM STEEL
FIL–ELECTRODE POUR LE SOUDAGE DE L'ACIER A HAUTE TENEUR EN CHROME

(71) **NIPPON STEEL CORPORATION** [JP/JP]; 6–3, Otemachi 2–chome, Chiyoda–ku, Tokyo 100–71 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **INOUE, Hiroshige** [JP/JP]; Nippon Steel Corporation Technical Development Bureau, 20–1, Shintomi, Futtsu City, Chiba 299–12 (JP). **KOSEKI, Toshihiko** [JP/JP]; Nippon Steel Corporation Oita Works, 1, Oaza–Nishinosu, Oita City, Oita 870 (JP). **OHKITA, Shigeru** [JP/JP]; Nippon Steel Corporation Technical Development Bureau, 20–1, Shintomi, Futtsu City, Chiba 299–12 (JP).

(74) **ISHIDA, Takashi** et al. / etc.; A. Aoki & Associates, Toranomon 37 Mori Building, 5–1, Toranomon 3–chome, Minato–ku, Tokyo 105 (JP).

(81) KR NO RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22256** (13) A1

(21) PCT/GB97/03188

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 9624331.6 (32) **22 Nov/nov 1996 (22.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B23Q 11/00

(54) MACHINE TOOL ATTACHMENT
DISPOSITIF POUR MACHINE–OUTIL

(71) **BRITISH AEROSPACE PUBLIC LIMITED COMPANY** [GB/GB]; Warwick House, P.O. Box 87, Farnborough Aerospace Centre, Farnborough, Hampshire GU14 6YU (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAKER, Anthony, Thomas** [GB/GB]; 136 Lee Street, Holderness Road, Hull HU8 8NW (GB).

(74) **EASTMOND, John**; British Aerospace plc, Corporate IPR Dept., Lancaster House, P.O. Box 87, Farnborough Aerospace Centre, Farnborough, Hampshire GU14 6YU (GB).

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

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(11) **WO 98/22257** (13) A2

(21) PCT/ES97/00273

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) es (26) es

(31) U 9602986 (32) **22 Nov/nov 1996 (22.11.1996)** (33) ES

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B23Q 39/02, B25H 1/10, B27C 9/04

(54) CARPENTRY TABLE
TABLE DE MENUISERIE

(71, 72) **OTEGUI LOPEZ DEL CORRAL, Ivan** [ES/ES]; Ellacuri, 23, E–01400 Llodio (ES). **OTEGUI LOPEZ DEL CORRAL, Ruth** [ES/ES]; Ellacuri, 23, E–01400 Llodio (ES).

(74) **ESTEBAN PEREZ–SERRANO, Mª Isabel**; Explanada, 8, E–28040 Madrid (ES).

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

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(11) **WO 98/22258** (13) A1

(21) PCT/IT97/00284

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) RM96A000798 (32) **22 Nov/nov 1996 (22.11.1996)** (33) IT

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B24B 41/06, 9/06, 23/02

(54) BENCH FOR MACHINING ELONGATE OBJECTS SUCH AS STRIPS OF MARBLE AND THE LIKE
BANC D'USINAGE D'OBJETS DE FORME ALLONGEE TELS QUE DES BANDEAUX DE MARBRE ET SIMILAIRE

(71, 72) **LUPI, Quintilio** [IT/GB]; 7 Kings Road, London NW10 2BL (GB).

(74) **CAVATTONI, Fabio** et al. / etc.; Cavattoni – Raimondi, Viale dei Parioli, 160, I–00197 Roma (IT).

(81) AL AU BA BB BG BR CA CH CN CU CZ EE GE GH HU IL IS JP KE LV MG MK MN MW MX NO NZ PL RO SD SG SI SK SL TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22259** (13) A1

(21) PCT/IB97/01363

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 96203287.6 (32) **22 Nov/nov 1996 (22.11.1996)** (33) EP

(34) NL et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B24C 1/04

(54) POWDER BLASTING METHOD USING A NON–METAL BLASTING MASK
PROCEDE D'ABRASION PAR PROJECTION DE POUDRE FAISANT APPEL A UN MASQUE D'ABRASION PAR PROJECTION NON METALLIQUE

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

(71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **BOSMAN, Joseph, Cornelis, Marie**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **TOLNER, Harm**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **LIGHTHART, Henricus, Jozef**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **DE HAAS, Franciscus, Cupertinus, Maria**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **KOPPEN, Jan**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

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

Published / Publiée : *(a)*

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(11) **WO 98/22260** (13) A1

(21) PCT/US97/17581

(22) **30 Sep/sep 1997 (30.09.1997)**

(25) en (26) en

(31) 08/749,370 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B24D 3/06, B23B 51/04, B28D 1/04

(54) CRENELATED ABRASIVE TOOL
OUTIL ABRASIF CRENELE

(71) **NORTON COMPANY** [US/US]; One New Bond Street, Box Number 15138, Worcester, MA 01615–0138 (US).

(72) **MAOUJOUD, Mohammed**; 26, rue Marie–Louise, L–2619 Tidick–Ulveling (LU).

(74) **DAVIS, Anthony, G., M.** et al. / etc.; Davis and Bujold, 4th floor, 500 North Commercial Street, Manchester, NH 03101 (US).

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

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(11) **WO 98/22261** (13) A1

(21) PCT/US97/21319

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/751,232 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B25B 7/22, B26B 13/00

(54) FOLDING MULTIPURPOSE TOOL WITH COMFORTABLE HANDLES
OUTIL PLIABLE MULTI–USAGES DOTE DE POIGNEES CONFORTABLES

(71) **LEATHERMAN TOOL GROUP, INC.** [US/US]; 12106 N.E. Ainsworth Circle, P.O. Box 20595, Portland, OR 97294 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RIVERA, Benjamin, C.** [US/US]; 19485 Suncrest Drive, West Linn, OR 97068 (US).

(74) **HASLETT, Donald, B.** et al. / etc.; Chernoff, Vilhauer, McClung & Stenzel, LLP, 600 Benj. Franklin Plaza, 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22262** (13) A1

(21) PCT/IE97/00079

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) S960823 (32) **21 Nov/nov 1996 (21.11.1996)** (33) IE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B25B 13/10

(54) A SOCKET FOR A SOCKET WRENCH
DOUILLE POUR CLE A DOUILLES

(71, 72) **O'BRIEN, Noel, John** [IE/IE]; 30 Abbey View, Adare, County Limerick (IE). **O'BRIEN, Patrick, Michael** [IE/IE]; 30 Abbey View, Adare, County Limerick (IE).

(74) **O'CONNOR, Donal, H.** et al. / etc.; Cruickshank & Co., 1 Holles Street, Dublin 2 (IE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22263** (13) A1

(21) PCT/EP97/05974

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) de (26) de

(31) 196 47 813.8 (32) **19 Nov/nov 1996 (19.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B25B 23/14, B23P 19/06

(54) POWER WRENCH
VISSEUSE

(71, 72) **HOHMANN, Jörg** [DE/DE]; Uhlandstrasse 6a, D–59872 Meschede (DE). **HOHMANN, Frank** [DE/DE]; Beethovenstrasse 9, D–59581 Warstein (DE).

(74) **REHDERS, Jochen**; Stresemannstrasse 28, D–40210 Düsseldorf (DE).

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

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(11) **WO 98/22264** (13) A1

(21) PCT/US97/21472

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 08/752,204 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B26D 7/06

(54) METHOD AND APPARATUS FOR PERFORATING CORRUGATED TUBING
PROCEDE ET APPAREIL POUR PERFORER DES TUBES ONDULES

(71, 72) **TRUEMNER, Dale** [US/US]; 1390 South Brown Road, Pigeon, MI 48735 (US). **BOOMS, Richard** [US/US]; 2581 Sand Beach Road, Bad Axe, MI 48413 (US).

(74) **WEINTRAUB, Arnold, S.**; Suite 444, 30200 Telegraph Road, Bingham Farms, MI 48025 (US).

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

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(11) **WO 98/22265** (13) A1

(21) PCT/US97/20994

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 60/031,087 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 08/770,020 (32) **19 Dec/déc 1996 (19.12.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B26F 1/02

(54) CONFIGURATION FOR PAPER PUNCH PIN
CONFIGURATION DE POINÇON DE PERFORATRICE A PAPIER

(71) **ACCO USA, INC.** [US/US]; 770 South Acco Plaza, Wheeling, IL 60090 (US).

(72) **EVANS, Alfred, J.**; 1199 Prides Run, Lake in the Hills, IL 60102 (US). **KANDASAMY, Balaji**; 6838 North Central, Chicago, IL 60646 (US). **FENG, David, Q.**; 3300 Carriageway Drive #108, Arlington Heights, IL 60004 (US).

(74) **JONES, Harry, C., III** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

(81) CA CN KR MX.

Published / Publiée : *(a)*

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(11) **WO 98/22266** (13) A2

(21) PCT/GB96/02857

(22) **20 Nov/nov 1996 (20.11.1996)**

(25) en (26) en

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B27N

(54) FIBROUS SHEET MATERIAL
MATERIAU FIBREUX EN FEUILLE

(71) **TENMAT LIMITED** [GB/GB]; 20 Saint Mary's Parsonage, Manchester M3 2NL (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BULLOCK, Emily, Gina** [GB/GB]; 91 Northumberland Road, Old Trafford, Manchester M16 9PY (GB). **STEER, Adrian, Michael** [GB/GB]; Willow Dene, Moss Lane, Hebdon Bridge, Halifax HX7 7DS (GB). **TONGE, Peter, John** [GB/GB]; 43 Durnford Street, Middleton, Manchester M24 5TZ (GB).

(74) **CRUX, John, Anthony** et al. / etc.; T & N plc, Bowdon House, Ashburton Road West, Trafford Park, Manchester M17 1RA (GB).

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

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(11) **WO 98/22267** (13) A1

(21) PCT/EP97/06338

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) de (26) de

(31) 196 47 240.7 (32) **15 Nov/nov 1996 (15.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B27N 3/00

(54) WOOD FIBRE DAMP SLAB
PANNEAU DE FIBRES ISOLANT

(71) **HOFA HOMANN GMBH & CO. KG** [DE/DE]; Bahnhofstrasse 5, D–49201 Dissen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TRÖGER, Matthias** [DE/DE]; Harzblick 2, D–99734 Nordhausen (DE). **SCHÖPF, Ulrich** [DE/DE]; Klettenberger Weg 12, D–37445 Walkenried (DE). **LANGE, Uwe** [DE/DE]; Damm 2b, D–06536 Berga (DE).

(74) **STENGER, WATZKE & RING**; Kaiser–Friedrich–Ring 70, D–40547 Düsseldorf (DE).

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

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(11) **WO 98/22268** (13) A1

(21) PCT/DE97/02628

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) de (26) de

(31) 196 47 480.9 (32) **16 Nov/nov 1996 (16.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B27N 3/22

(54) LOADING DEVICE FOR A PLATE PRESS
DISPOSITIF DE CHARGEMENT POUR PRESSE A PLATEAU

(71) **ROBERT BÜRKLE GMBH** [DE/DE]; Stuttgarter Strasse 123, D–72250 Freudenstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOHN, Hans** [DE/DE]; Tumlingerweg 3, D–72296 Schopfloch (DE).

(74) **FRANK, Gerhard** et al. / etc.; Schwarzwaldstrasse 1A, D–75173 Pforzheim (DE).

(81) CA JP NO US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(11) **WO 98/22269** (13) A1

(21) PCT/SG97/00059

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 9611324–6 (32) **20 Nov/nov 1996 (20.11.1996)** (33) SG

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B28B 1/00

(54) METHOD AND APPARATUS FOR FORMING A CONCRETE BLOCK
PROCEDE ET DISPOSITIF DE MISE EN FORME DE BLOCS DE BETON

(71, 72) **LAZAR, Michael** [SG/SG]; Block 214 #24–806, Marsiling Lane, Singapore 730214 (SG). **ANG, Thiam, Seng** [SG/SG]; Block 504 #13–474, Serangoon North Avenue 4, Singapore 550504 (SG).

(74) **LEE & LEE**; UIC Building, Level 19, No. 5 Shenton Way, Singapore 068808 (SG).

(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 KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SI SK SL TJ TM TR TT UA UG US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22270** (13) A1

(21) PCT/US97/21884

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 08/752,111 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B28B 11/12, H01L 21/48

(54) TEMPLATE TYPE CAVITY–FORMATION DEVICE FOR LOW TEMPERATURE COFIRED CERAMIC (LTCC) SHEETS
DISPOSITIF DE FORMATION DE CAVITES DU TYPE A GABARIT POUR FEUILLES EN CERAMIQUE COCUITES A BASSE TEMPERATURE

(71) **NORTHROP GRUMMAN CORPORATION** [US/US]; 1840 Century Park East 90/110/CC, Los Angeles, CA 90067–2199 (US).

(72) **BAILEY, Alex**; 4536 Northwoods Trail, Hampstead, MD 21074 (US). **STARLING, Ronnie**; 5439 Old Tucker Row #4, Columbia, MD 21044 (US). **CHINO, John**; 463 Century Vista Drive, Arnold, MD 21012 (US). **GUPTA, Tapan**; 4932 Webbed Foot Way, Ellicott City, MD 21043 (US).

(74) **BIRCH, STEWART, KOLASCH & BIRCH, LLP**; P.O. Box 747, Falls Church, VA 22040–0747 (US).

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

Published / Publiée : *(c)*

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(11) **WO 98/22271** (13) A1

(21) PCT/FR97/02087

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) fr (26) fr

(31) 96/14501 (32) **21 Nov/nov 1996 (21.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B28C 7/02, 9/00

(54) METHOD AND INSTALLATION FOR MAKING AND DISTRIBUTING SELECTIVE LOADS OF MORTAR AND/OR CONCRETE READY FOR USE
PROCEDE ET INSTALLATION POUR LA FABRICATION ET LA DISTRIBUTION SELECTIVES DE CHARGES DE MORTIER ET/OU BETON PRET A L'EMPLOI

(71) **R.E.C. (S.A.R.L.)** [FR/FR]; Le Porchon, F–42480 La Fouillouse (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PERRIN, Jean, Luc** [FR/FR]; 40, avenue des Crêtes, F–42170 Saint Just Saint Rambert (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) 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22272** (13) A1

(21) PCT/NL97/00637

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) nl (26) en

(31) 1004572 (32) **20 Nov/nov 1996 (20.11.1996)** (33) NL

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B29C 44/10, 44/14

(54) METHOD FOR MANUFACTURING A MONOLITHIC PLASTIC OBJECT, AND AN OBJECT OBTAINED WITH THIS METHOD
PROCEDE SERVANT A FABRIQUER UN OBJET MONOLITHIQUE EN PLASTIQUE ET OBJET FABRIQUE AU MOYEN DE CE PROCEDE

(71) **CORELL RESIN TECHNOLOGY B.V.** [NL/NL]; Goolkatenweg 55, NL–7521 BE Enschede (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROTH, Cornelis, Willem** [NL/NL]; Springendalhoek 27, NL–7546 GS Enschede (NL). **BOSHUIS, Johan** [NL/NL]; Godfried Bomansstraat 1, NL–7552 NX Hengelo (NL). **RICHTERS, Franciscus, Egbertus** [NL/NL]; H.M. Corwinstraat 20, NL–7576 ZD Oldenzaal (NL). **EIDHOF, Andreas, Bernardus** [NL/NL]; Markslaghoek 16, NL–7546 CW Enschede (NL). **JAGERS, Christiaan, Antonius** [NL/NL]; Nieuwe Grensweg 39, NL–7552 PA Hengelo (NL). **DE JONG, René** [NL/NL]; Tusveldburg 50, NL–7511 LP Enschede (NL).

(74) **SCHUMANN, Bernard, Herman, Johan**; Arnold & Siedsma, Sweelinckplein 1, NL–2517 GK 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 GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22273** (13) A1

(21) PCT/DK97/00527

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 1329/96 (32) **21 Nov/nov 1996** (33) DK **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B29C 45/00

(54) AN INJECTION MOULD FOR MAKING A BUCKET WITH A PIVOTAL HANDLE
MOULE A INJECTION DESTINE A LA FABRICATION D'UN SEAU A ANSE PIVOTANTE

(71) **A.B.C. HANSEN VÆRKTØJSFABRIK A/S** [DK/DK]; Søndre Tangvej 24, DK–2791 Dragør (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HANSEN, Albert, Claus** [DK/DK]; St. Magleby Strandvej 9, DK–2791 Dragør (DK).

(74) **CHAS. HUDE A/S**; H.C. Andersens Boulevard 33, DK–1553 Copenhagen V (DK).

(81) CA CN JP NO PL US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22274** (13) A1

(21) PCT/FR97/01742

(22) **2 Oct/oct 1997 (02.10.1997)**

(25) fr (26) fr

(31) 96/14240 (32) **21 Nov/nov 1996** (33) FR **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B29C 47/66, B30B 11/24, B23B 35/00

(54) SHEATH FOR EXTRUDER
FOURREAU DE MACHINE D'EXTRUSION

(71) **CLEXTRAL** [FR/FR]; Tour Framatome, 1, place de la Coupole, F–92400 Courbevoie (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRUYAS, Laurent** [FR/FR]; Le Mont, Saint Ferréol d'Auroure, F–43330 Pont Salomon (FR). **CHENEVIER, Daniel** [FR/FR]; 73, avenue de la Tranchardière, F–42170 Saint Just Saint Rambert (FR). **MAISONNY, Serge** [FR/FR]; Chemin des Girards Semene, F–43110 Aures–sur–Loire (FR).

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

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

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(11) **WO 98/22275** (13) A1

(21) PCT/US97/21265

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 60/031,650 (32) **22 Nov/nov 1996** (33) US **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B29C 49/00, 45/00, A41D 19/00

(54) METHOD AND APPARATUS FOR MANUFACTURING A THIN WALLED BARRIER ARTICLE
PROCEDE ET APPAREIL DE FABRICATION D'UN ARTICLE BARRIERE A PAROI MINCE

(71) **JOHNSON & JOHNSON MEDICAL, INC.** [US/US]; 2500 Arbrook Boulevard, Arlington, TX 76004–3130 (US).

(72) **ENGBERG, Kathleen**; 87 Dunham Avenue, Kitchener, Ontario N2H 2A2 (CA). **HUGHES, Gary**; 55 Hesp Drive, Bolton, Ontario L7E 2R2 (CA). **PESAVENTO, Modesto**; 11 Wesley Street, Etobicoke, Ontario M8Y 2W4 (CA).

(74) **CIAMPORCERO, Audley, A., Jr.** et al. / etc.; Johnson and Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22276** (13) A1

(21) PCT/US97/20684

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 08/752,096 (32) **20 Nov/nov 1996** (33) US **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B29C 61/06, H02G 15/18, H01R 4/72

(54) SIDE ENTRY SEALING DEVICE
DISPOSITIF DE SCELLEMENT A INTRODUCTION LATERALE

(71) **RAYCHEM CORPORATION** [US/US]; 300 Constitution Drive, Mail Stop 120/6600, Menlo Park, CA 94025–1164 (US).

(72) **MYONG, Inho**; 36617 Spruce Street, Newark, CA 94560 (US). **SOLANO, David, W.**; 2349 Red Maple Lane, Troy, MI 48098 (US).

(74) **BURKARD, Herbert, G.**; Raychem Corporation, Intellectual Property Law Dept., 300 Constitution Drive, Mail Stop 120/6600, Menlo Park, CA 94025–1164 (US).

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

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(11) **WO 98/22277** (13) A1

(21) PCT/US97/21321

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 60/031,908 (32) **22 Nov/nov 1996** (33) US **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B29H 19/00, B29B 17/00, C08J 11/10, C08C 19/08, B01J 19/08, B06B 1/08, 3/00, B29C 35/02

(54) MAGNETOSTRICTION–BASED ULTRASOUND IN RUBBER DEVULCANIZATION AND RELATED PROCESSES
REGENERATION DE CAOUTCHOUC A L'AIDE D'ULTRASONS BASES SUR LA MAGNETOSTRICTION, ET PROCEDES ASSOCIES

(71) **REDWOOD RUBBER LLC** [US/US]; 6 Endeavor Drive, Corte Madera, CA 94925 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALEKSANDROVICH, Ruhman Andrey** [RU/RU]; Nikulinskaja Street, 23/3–767, Moscow, 117602 (RU). **FEDOSIEVICH, Kasantsev Vsevolod** [RU/RU]; NovoPeschanaja Street, 16–133, Moscow, 127252 (RU). **NIKOLAEVICH, Alenichev Vyacheslav** [RU/RU]; Aminevskoe Street, 36–74, Moscow, 121375 (RU). **ALEKSANDROVICH, Neduji Sergei** [RU/RU]; Dosflota pr., 7–1–190, Moscow, 123364 (RU). **FAUST, Tom** [US/US]; 6 Endeavor Drive, Corte Madera, CA 94925 (US).

(74) **HEINES, M., Henry** et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th floor, San Francisco, CA 94111 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22278** (13) A1

(21) PCT/DK97/00531

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) da (26) en

(31) 1309/96 (32) **18 Nov/nov 1996** (33) DK **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B31B 1/26, B65H 45/16

(54) METHOD AND APPARATUS FOR PRE–FOLDING OR FOLDING OF CARTON BLANKS, IN PARTICULAR PACKAGING ITEMS
PROCEDE ET DISPOSITIF DE PRE–PLIAGE OU DE PLIAGE DE DECOUPES POUR BOITES PLIANTES, NOTAMMENT D'ARTICLES D'EMBALLAGE

(71) **SCHOUW ELECTRONICS A/S** [DK/DK]; Hovmarken 8, DK–8520 Lystrup (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARKUSSEN, Helge** [DK/DK]; Smedegade 28, DK–6535 Branderup J (DK).

(74) **GREGERSEN, N., H.**; Aarhus Patentkontor, Skanderborgvej 40, DK–8000 Århus C (DK).

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

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(11) **WO 98/22279** (13) A1

(21) PCT/US97/21051

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 96118500.6 (32) **19 Nov/nov 1996** (33) EP **(19.11.1996)**

(34) BE et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B32B 3/02

(54) RESIN BONDED FLUID HANDLING MATERIALS WITH IMPROVED FLUID HANDLING PERFORMANCE
MATERIAUX D'ABSORPTION DE FLUIDES LIES PAR LA RESINE A CAPACITE D'ABSORPTION DE FLUIDES AMELIOREE

(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) **FLOHR, Andreas** [DE/DE]; Hochfelder Strasse 7, D–45478 Mulheim (DE). **PESCHER, Georg** [DE/DE]; Hauptstrasse 41 A, D–65812 Bad Soden (DE). **BOGDANSKI, Sabine** [DE/DE]; Am Salzgrund 7, D–61389 Schmitten (DE).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(11) **WO 98/22280** (13) A1

(21) PCT/US97/21252

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 60/033,331 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(31) 60/039,070 (32) **8 Mar/mar 1997 (08.03.1997)** (33) US

(31) 60/049,149 (32) **10 Jun/juin 1997 (10.06.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B32B 3/02

(54) FLOOR MAT SYSTEM
SYSTEME DE TAPIS DE SOL

(71, 72) **JENKINS, Matthew** [US/US]; 6633 Balfour Avenue, Allen Park, MI 48101–2300 (US).

(74) **BLACK, Gerald, R.**; Dykema Gossett PLLC, Suite 300, 1577 North Woodward Avenue, Bloomfield Hills, MI 48309–2820 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(11) **WO 98/22281** (13) A1

(21) PCT/AT97/00248

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) de (26) de

(31) A 2010/96 (32) **18 Nov/nov 1996 (18.11.1996)** (33) AT

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B32B 27/08, B65D 75/10

(54) TWIST PACKAGING
EMBALLAGE TORSADE

(71) **TEICH AKTIENGESELLSCHAFT** [AT/AT]; Weinburg–Mühlhofen 4, A–3200 Obergrafendorf (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MANNERTORP, Olle** [SE/US]; 16 N. 655 Merriweather Lane, West Dundee, IL 60119 (US). **KREUTZER, Erich** [AT/AT]; Dr. Karl Renner Promenade 33/5, A–3100 St. Pölten (AT).

(81) AU BG BR CA CN CZ EE HU LT LV MX NO PL RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22282** (13) A1

(21) PCT/US97/20891

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 60/031,674 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(31) Not furnished / non communiqué (32) **14 Nov/nov 1997 (14.11.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B32B 27/08, B65D 65/40

(54) PACKAGING ARTICLE
ARTICLE D'EMBALLAGE

(71) **CRYOVAC, INC.** [US/US]; P.O. Box 464, Duncan, SC 29334–0464 (US).

(72) **VADHAR, Parimal, M.**; 118 N. Cedarbluff Court, Greer, SC 29650 (US).

(74) **HURLEY, Rupert, B., Jr.** et al. / etc.; 100 Rogers Bridge Road, P.O. Box 464, Duncan, SC 29334 (US).

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

Published / Publiée : *(c)*

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(11) **WO 98/22283** (13) A1

(21) PCT/US97/20788

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/752,052 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B32B 31/00

(54) RADIO FREQUENCY SEALABLE EVOH–BASED PACKAGING STRUCTURE
STRUCTURE D'EMBALLAGE A BASE D'ALCOOL D'ETHYLENEVINYLE SOUDABLE PAR RADIOFREQUENCE

(71) **INTERNATIONAL PAPER COMPANY** [US/US]; 2 Manhattanville Road, Purchase, NY 10577–2196 (US).

(72) **DAVIS, Richard, F.**; Route 1 Box 450, Pittsboro, NC 27312 (US). **GALLOWAY, Alesa, R.**; 112 Disraeli Drive, Cary, NC 27513 (US). **ZUBER, James, D.**; 11953 Harbortown Drive, Cincinnati, OH 45249 (US).

(74) **HODGES, Paul, E.**; Paul E. Hodges, P.C., P.O. Box 12459, Knoxville, TN 37912 (US).

(81) AU BR CA CN IL JP KR MX PL; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22284** (13) A1

(21) PCT/US97/20567

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 96118487.6 (32) **19 Nov/nov 1996 (19.11.1996)** (33) EP

(34) AT et al. / etc.

(31) 96120452.6 (32) **19 Dec/déc 1996 (19.12.1996)** (33) EP

(34) AT et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B32B 31/08

(54) EMBOSSED WET–LAID FIBROUS STRUCTURES
STRUCTURES FIBREUSES GAUFREES OBTENUES PAR VOIE HUMIDE

(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) **ROBINSON, Douglas, Edgar** [US/DE]; Schneidenhainer Strasse 37, D–61462 Konigstein (DE).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22285** (13) A1

(21) PCT/US97/21135

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 96118654.1 (32) **21 Nov/nov 1996 (21.11.1996)** (33) EP

(34) BE et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B32B 31/12, 31/26

(54) THERMAL JOINING OF WEBS
ASSEMBLAGE DE VOILES A CHAUD

(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) **SCHMITZ, Christoph, Johann** [DE/DE]; Dr.–Lieser–Strasse 2, D–53881 Euskirchen–Stotzheim (DE).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22286** (13) A1

(21) PCT/FR97/02107

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) fr (26) fr

(31) 96/14295 (32) **22 Nov/nov 1996** (33) FR **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B41F 9/10

(54) ADJUSTING DEVICE FOR PRINTING MACHINE DOCTOR BLADE
DISPOSITIF DE REGLAGE D'UNE RACLE POUR MACHINE A IMPRIMER

(71) **KOMORI–CHAMBON S.A.** [FR/FR]; 6, rue Auguste–Rodin, F–45063 Orléans (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CAPPELLE, Pierre** [FR/FR]; 8, route de Beaugency, F–41220 La Ferte Saint–Cyr (FR).

(74) **BRUDER, Michel** et al. / etc.; Cabinet Bruder, 46, rue Decamps, F–75116 Paris (FR).

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

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(11) **WO 98/22287** (13) A1

(21) PCT/EP97/05300

(22) **27 Sep/sep 1997 (27.09.1997)**

(25) de (26) de

(31) 196 47 259.8 (32) **15 Nov/nov 1996** (33) DE **(15.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B41F 35/00

(54) METHOD AND DEVICE FOR CLEANING CONVEYOR SYSTEMS
PROCEDE ET DISPOSITIF POUR LE NETTOYAGE DE SYSTEMES CONVOYEURS

(71) **WEITMANN & KONRAD GMBH & CO. KG** [DE/DE]; Friedrich–List–Strasse 24, D–70771 Leinfelden–Echterdingen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KELLER, Alfred** [DE/DE]; Sonnfang 16, D–70771 Leinfelden–Echterdingen (DE). **MACK, Werner** [DE/DE]; Reiterweg 20, D–70794 Filderstadt (DE).

(74) **STEIMLE, Josef**; Dreiss, Fuhlendorf, Steimle & Becker, Gerokstrasse 6, D–70188 Stuttgart (DE).

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

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(11) **WO 98/22288** (13) A1

(21) PCT/JP97/04150

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) ja (26) ja

(31) 8/322345 (32) **18 Nov/nov 1996** (33) JP **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B41J 2/045, 2/175

(54) INK–JET RECORDING HEAD
TETE D'ECRITURE A JET D'ENCRE

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4–1, Nishi–Shinjuku 2–chome, Shinjuku–ku, Tokyo 163 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KITAHARA, Tsuyoshi** [JP/JP]; Seiko Epson Corporation, 3–5, Owa 3–chome, Suwa–shi, Nagano–ken 392 (JP).

(74) **KIMURA, Katsuhiko** et al. / etc.; Nishiki Patent Office, 3F 11–Sankyo Building, 1–2, Koishikawa 2–chome, Bunkyo–ku, Tokyo 112 (JP).

(81) JP US; EP (DE FR GB IT).

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(11) **WO 98/22289** (13) A1

(21) PCT/GB97/03206

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 9624324.1 (32) **22 Nov/nov 1996** (33) GB **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B41J 2/14

(54) DROPLET DEPOSITION APPARATUS
APPAREIL POUR DEPOSITION DE GOUTTELETTES

(71) **XAAR TECHNOLOGY LIMITED** [GB/GB]; 2 Science Park, Milton Road, Cambridge CB4 4FD (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARNOTT, Michael, George** [GB/GB]; 44 High Street, Somersham, Cambridge PE17 3JB (GB).

(74) **MOIR, Michael, Christopher**; Mathys & Squire, 100 Gray's Inn Road, London WC1X 8AL (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22290** (13) A1

(21) PCT/GB97/03150

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 9623890.2 (32) **18 Nov/nov 1996** (33) GB **(18.11.1996)**

(31) 9704952.2 (32) **11 Mar/mar 1997** (33) GB **(11.03.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B41J 2/175

(54) AN INKJET CARTRIDGE REFILL DEVICE
DISPOSITIF DE REMPLISSAGE DE CARTOUCHE A JET D'ENCRE

(71) **PBT INTERNATIONAL LTD.** [GB/GB]; Haydon, Wells, Somerset BA5 3EF (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PAYNE, John, Michael** [GB/GB]; 36A High Street, Maxey, Peterborough PE6 9EE (GB).

(74) **ROWLAND ALLSOP & CO.**; 9 Rickmansworth Road, Watford, Hertfordshire WD1 7HE (GB).

(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 KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22291** (13) A2

(21) PCT/US97/20342

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 60/030,366 (32) **5 Nov/nov 1996** (33) US **(05.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B41M

(54) SECURITY DOCUMENT AND METHOD USING INVISIBLE CODED MARKINGS
DOCUMENT DE SECURITE ET PROCEDE D'UTILISATION DE MARQUES DE CODES INVISIBLES

(71) **EASTMAN CHEMICAL COMPANY** [US/US]; 100 North Eastman Road, Kingsport, TN 37660 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CYR, Michael, John** [US/US]; 204 Coralwood Drive, Kingsport, TN 37663–2712 (US). **KRUTAK, James, John, Sr.** [US/US]; 6305 Booth Court, Kingsport, TN 37663–3613 (US). **CLAUBERG, Horst** [DE/US]; 2601 John B. Dennis #210, Kingsport, TN 37660–4786 (US). **HELTON, Tony, W.** [US/US]; 424 Light Street, Kingsport, TN 37660–1120 (US).

(74) **DAVIS, Mark, L.**; Baker, Donelson, Bearman & Caldwell, 207 Mockingbird Lane, Johnson City, TN 37604 (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 TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22292** (13) A2

(21) PCT/US97/21064

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/751,968 (32) **19 Nov/nov 1996** (33) US **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B41M 3/00

(54) SECURITY DOCUMENT CONTAINING A NON–ORTHOGONAL ARRAY
DOCUMENT DE SECURITY CONTENANT UN AGENCEMENT NON ORTHOGONAL D'ELEMENTS

(71) **THE STANDARD REGISTER COMPANY** [US/US]; 600 Albany Street, Dayton, OH 45408 (US).

(72) **MOWRY, William, H., Jr.**; 403 Volusia Avenue, Dayton, OH 45409 (US).

(74) **GOTTMAN, James, F.** et al. / etc.; Killworth, Gottman, Hagan & Schaeff, L.L.P., Suite 500, One Dayton Centre, One South Main Street, Dayton, OH 45402–2023 (US).

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

(11) **WO 98/22293** (13) A1

(21) PCT/FR97/02104

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) fr (26) fr

(31) 96/14498 (32) **21 Nov/nov 1996 (21.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B42D 15/00

(54) SHEET FOR PRESENTING INFORMATION, METHOD FOR FOLDING AND USE THEREOF
FEUILLE DE PRESENTATION D'INFORMATION, SON PROCEDE DE PLIAGE ET SON UTILISATION

(71, 72) **ANDES, André, René** [FR/FR]; 61, allée de la Rouguière, F–13011 Marseille (FR).

(74) **MAREK, Pierre**; 28, rue de la Loge, F–13002 Marseille (FR).

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

Published / Publiée : *(c)*

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(11) **WO 98/22294** (13) A1

(21) PCT/CH97/00432

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) de (26) de

(31) 2834/96 (32) **15 Nov/nov 1996 (15.11.1996)** (33) CH

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B42F 13/12, 13/00

(54) FOLDER FOR RELEASABLY SECURING A SHEET PILE
CLASSEUR RAPIDE POUR RELIER UNE PILE DE FEUILLES DE FAÇON DETACHABLE

(71, 72) **BERRACASA, Abner** [FR/CH]; 25, chemin des Osches, CH–1009 Pully (CH).

(74) **MEIER, Hans, Peter**; Schaufelweg 50, CH–3098 Schliern (CH).

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

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(11) **WO 98/22295** (13) A1

(21) PCT/AU97/00793

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) PO 3709 (32) **19 Nov/nov 1996 (19.11.1996)** (33) AU

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B42F 13/16

(54) PAPER BINDER FOLDER
CLASSEUR–RELIURE POUR PAPIERS

(71) **ALBOX AUSTRALIA PTY. LTD.** [AU/AU]; 56 North Terrace, Kent Town, S.A. 5067 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JOHNS, Darby, Richard** [AU/AU]; 112B Sydenham Road, Norwood, S.A. 5067 (AU). **JOHNS, Yvonne, Doris** [AU/AU]; 112B Sydenham Road, Norwood, S.A. 5067 (AU).

(74) **COLLISON & CO.**; 117 King William Street, Adelaide, S.A. 5000 (AU).

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

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(11) **WO 98/22296** (13) A1

(21) PCT/US97/20665

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 60/031,455 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) not furnished (32) **14 Nov/nov 1997 (14.11.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B43L 15/00

(54) KEYBOARD SUPPORT ASSEMBLY INCORPORATING CURSOR CONTROL DEVICE
ENSEMBLE SUPPORT DE CLAVIER COMPRENANT UN DISPOSITIF DE COMMANDE DE CURSEUR

(71) **PROFORMIX, INC.** [US/US]; Unit 8, 50 Tannery Road, Branchburg, NJ 08876 (US).

(72) **MARTIN, Michael, G.**; 65 Nicole Terrace, Bridgewater, NJ 08807 (US). **PERRY, John, M.**; 11 Rupells Road, Clinton, NJ 08809 (US).

(74) **COHEN, Robert, B.** et al. / etc.; Lerner, David, Littenberg, Krumholz & Mentlik, 600 South Avenue West, Westfield, NJ 07090 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(11) **WO 98/22297** (13) A1

(21) PCT/US97/15720

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 60/031,122 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B60C 15/04, B29D 30/48

(54) TIRE WITH DURABLE SYNTHETIC BEADS
PNEUMATIQUE POURVU DE TALONS SYNTHETIQUES A LONGUE DUREE DE VIE

(71, 72) **MILLER, Kenneth, N.** [US/US]; Apartment 12H, 2260 East University Drive, Auburn, AL 36830 (US).

(74) **LITMAN, Richard, C.**; Litman Law Offices, Ltd., P.O. Box 15035, Crystal City Station, Arlington, VA 22215–0035 (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 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 TJ TM TR TT UA UG US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(11) **WO 98/22298** (13) A1

(21) PCT/US97/21810

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 08/753,142 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B60C 23/02

(54) TIRE LEAK DETECTOR FOR AN AUTOMATIC INFLATION SYSTEM
DETECTEUR DE FUITES DE PNEUS POUR SYSTEME DE GONFLAGE AUTOMATIQUE

(71) **EQUALAIRE SYSTEMS, INC.** [US/US]; 1414 Corn Products, Corpus Cristi, TX 78409 (US).

(72) **NAEDLER, Mark, H.**; 340 Treeline Park #1632, San Antonio, TX 78209 (US).

(74) **KOCH, Robert, J.** et al. / etc.; Fulbright & Jaworski L.L.P., 801 Pennsylvania Avenue, N.W., Washington, DC 20004 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(11) **WO 98/22299** (13) A2

(21) PCT/US97/21074

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/752,264 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B60D

(54) VEHICLE LEVELING AND STABILIZING APPARATUS
APPAREIL DE MISE A NIVEAU ET DE STABILISATION DE VEHICULE

(71) **NORCO INDUSTRIES, INC.** [US/US]; 53236 County Road 13, Elkhart, IN 46514 (US).

(72) **FEW, Jeffrey, P.**; 53236 Country Road 13, Elkhart, IN 46514 (US). **GARCEAU, Bernard, F.**; 53236 Country Road 13, Elkhart, IN 46514 (US).

(74) **WATKINS, Mark, A.** et al. / etc.; Oldham & Oldham Co., LPA, 1225 West Market Street, Akron, OH 44313 (US).

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

(11) **WO 98/22300** (13) A1

(21) PCT/US97/21314

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 60/031,309 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B60J 5/00

(54) SAFETY DOOR BEAM
RENFORT DE PORTE

(71) **ALUMAX INC.** [US/US]; Suite 2100, 3424 Peachtress Road, Atlanta, GA 30326 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MALLON, Robert** [US/US]; 25080 Woodridge Drive #204, Farmington Hills, MI 48335 (US). **NYKERK, Steve** [US/US]; 1744 Heron Ridge Drive, Bloomfield Hills, MI 48302 (US).

(74) **FACTOR, Jody, L.** et al. / etc.; Law Offices of Dick and Harris, Suite 3800, 181 West Madison Street, Chicago, IL 60602 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(11) **WO 98/22301** (13) A2

(21) PCT/US97/20101

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 08/739,739 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(31) 08/739,740 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(31) 08/739,738 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B60K

(54) TRANSMISSION ASSEMBLY
ENSEMBLE DE TRANSMISSION

(71) **GENERAL SIGNAL CORPORATION** [US/US]; High Ridge Park, Stamford, CT 06904 (US).

(72) **HUTCHINGS, William, J.**; 19 Cannock Drive, Fairport, NY 14450 (US). **MARKLE, Stephen, L.**; 69 South Main Street, Holley, NY 14470 (US). **ENGEL, David, J.**; 9687 Purcell Hill Road, Springwater, NY 14560 (US). **BERG, Joel, S.**; Apartment 5B, 532 Parma Center Road, Hilton, NY 14468 (US). **SCHUTTE, Marlin, D.**; 40 Corwin Road, Rochester, NY 14610 (US).

(74) **GALLOWAY, Peter, D.**; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US) et al. / etc.

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

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(11) **WO 98/22302** (13) A1

(21) PCT/EP97/06271

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) de (26) de

(31) 196 47 507.4 (32) **16 Nov/nov 1996 (16.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B60K 23/08

(54) DRIVE CONTROL
COMMANDE D'ENTRAINEMENT

(71) **ZF FRIEDRICHSHAFEN AG** [DE/DE]; D–88038 Friedrichshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SALG, Ditmar** [DE/DE]; Ahornweg 12, D–94121 Salzweg (DE).

(74) **ZF FRIEDRICHSHAFEN AG**; D–88038 Friedrichshafen (DE).

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

Published / Publiée : *(c)*

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(11) **WO 98/22303** (13) A1

(21) PCT/FR97/02048

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) fr (26) fr

(31) 96/13944 (32) **15 Nov/nov 1996 (15.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B60K 26/02

(54) DEVICE FOR IMMOBILISING THE ACCELERATOR PEDAL AND CORRESPONDING METHOD FOR DRIVING ASSISTANCE
DISPOSITIF D'IMMOBILISATION D'UNE PEDALE D'ACCELERATEUR ET PROCEDE D'AIDE A LA CONDUITE CORRESPONDANT

(71) **RENAULT** [FR/FR]; 34, quai du Point du Jour, F–92109 Boulogne Billancourt (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAERD, Sébastien** [FR/FR]; 24, rue Vasco de Gama, F–75015 Paris (FR). **FAURE, Robert** [FR/FR]; Bâtiment A3, La Pépinière, Rue Arthur Ranc, F–92350 Le Plessis Robinson (FR). **TOFFOLO, Gabriel** [FR/FR]; 11 bis, rue Danielle Casanova, F–92500 Rueil Malmaison (FR).

(74) **ROUGEMONT, Bernard**; Renault, Service 0267, 860, quai de Stalingrad, F–92109 Boulogne Billancourt (FR).

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

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(11) **WO 98/22304** (13) A1

(21) PCT/DE97/02598

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) de (26) de

(31) 196 48 055.8 (32) **20 Nov/nov 1996 (20.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B60K 41/28

(54) DRIVE–TRAIN CONTROL FOR A MOTOR VEHICLE
COMMANDE DE TRANSMISSION POUR UN VEHICULE AUTOMOBILE

(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) **GRAF, Friedrich** [DE/DE]; Charles–Lindbergh–Strasse 2, D–93049 Regensburg (DE). **PROBST, Gregor** [DE/DE]; Hagrainer Strasse 19, D–84028 Landshut (DE).

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

Published / Publiée : *(c)*

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(11) **WO 98/22305** (13) A1

(21) PCT/DE97/02741

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) de (26) de

(31) 196 48 268.2 (32) **21 Nov/nov 1996 (21.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B60N 2/02

(54) VEHICLE SEAT WITH A CONTROL DEVICE
SIEGE DE VEHICULE AUTOMOBILE DOTE D'UN DISPOSITIF DE COMMANDE

(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) **POPP, Peter** [DE/DE]; Speerweg 12, D–93049 Regensburg (DE). **HEITZER, Günter** [DE/DE]; Flurweg 7 A, D–93102 Pfatter (DE). **LENNINGER, Ralf–Johannes** [DE/DE]; Bayerwaldstrasse 45, D–93093 Donaustauf (DE).

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

Published / Publiée : *(c)*

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(11) **WO 98/22306** (13) A1

(21) PCT/EP97/05889

(22) **24 Oct/oct 1997 (24.10.1997)**

(25) de (26) de

(31) 196 47 448.5 (32) **16 Nov/nov 1996 (16.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B60N 2/06

(54) LENGTH ADJUSTMENT DEVICE FOR SEATS, SPECIALLY MOTOR VEHICLE SEATS
DISPOSITIF DE REGLAGE LONGITUDINAL DES SIEGES, EN PARTICULIER DES SIEGES D'UN VEHICULE AUTOMOBILE

(71) **KEIPER GMBH & CO.** [DE/DE]; Büchelstrasse 54 – 58, D–42855 Remscheid (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHÜLER, Rolf** [DE/DE]; In der Rose 42, D–42579 Heiligenhaus (DE). **FLICK, Joachim** [DE/DE]; Rader Strasse 49, D–42499 Hückeswagen (DE).

(74) **MENTZEL, Norbert**; Kleiner Werth 34, D–42275 Wuppertal (DE).

(81) BR JP KR US.

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(11) **WO 98/22307** (13) A1

(21) PCT/DE97/01227

(22) **12 Jun/juin 1997 (12.06.1997)**

(25) de (26) de

(31) 196 48 089.2 (32) **20 Nov/nov 1996 (20.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B60N 2/44, A47C 31/02

(54) UPHOLSTERED ELEMENT FASTENED TO A COVER BY MEANS OF A HOOK AND LOOP STRIP
ELEMENT DE REMBOURRAGE RELIE A SA HOUSSE PAR UN SYSTEME A BOUCLES ET CROCHETS

(71) **F.S. FEHRER GMBH & CO. KG** [DE/DE]; Heinrich–Fehrer–Strasse 1–3, D–97318 Kitzingen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MENSE, Hubert** [DE/DE]; Steigerwaldstrasse 14, D–97357 Prichsenstadt (DE). **LECKERT, Charlotte** [DE/DE]; Benz–Strasse 16e, D–97082 Würzburg (DE).

(74) **BÖCK, Bernhard**; Böck + Tappe Kollegen, Egloffsteinstrasse 7, D–97072 Würzburg (DE).

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

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(11) **WO 98/22308** (13) A1

(21) PCT/SE97/01972

(22) **24 Nov/nov 1997 (24.11.1997)**

(25) sv (26) en

(31) 9604293–2 (32) **22 Nov/nov 1996 (22.11.1996)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B60Q 1/18

(54) HEADLIGHT ARRANGEMENT
DISPOSITIF DE PHARES

(71, 72) **GÄLLINER, Lennart** [SE/SE]; Bjärme 210, S–830 22 Fåker (SE). **OLSSON, Ove** [SE/SE]; Ärtvägen 50, S–831 62 Östersund (SE).

(74) **ONN, Thorsten** et al. / etc.; AB Stockholms Patentbyrå, Zacco & Bruhn (publ), P.O. Box 23101, S–104 35 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22309** (13) A1

(21) PCT/EP97/06461

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) de (26) de

(31) 196 47 896.0 (32) **20 Nov/nov 1996 (20.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B60R 9/06

(54) REAR LUGGAGE CARRIER FOR VEHICLES
PORTE–CHARGE ARRIERE POUR VEHICULES

(71, 72) **DÖRR, Klaus** [DE/DE]; Blumenstrasse 6, D–74235 Erlenbach (DE).

(74) **FLECK, Hermann–Josef**; Markgröninger Strasse 47/1, D–71701 Schwieberdingen (DE).

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

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(21) PCT/ES97/00284

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) es (26) es

(31) P 9602443 (32) **19 Nov/nov 1996 (19.11.1996)** (33) ES

(31) P 9702419 (32) **19 Nov/nov 1997 (19.11.1997)** (33) ES

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B60R 16/00, 21/00

(54) IMPROVEMENTS TO SYSTEMS FOR THE PREVENTION OF MOTOR VEHICLE ACCIDENTS
PERFECTIONNEMENTS DES SYSTEMES PREVENTIFS DES ACCIDENTS DE VOITURE

(71, 72) **COLUBI GARCIA, Alejandro** [ES/ES]; Nuñez de Balboa, 118, E–28004 Madrid (ES).

(74) **DE LA FUENTE FERNANDEZ, Dionisio**; José Lázaro Galdiano, 1, E–28036 Madrid (ES).

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

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(31) 196 48 654.8 (32) **15 Nov/nov 1996 (15.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B60R 21/20

(54) GASBAG FOR AN AIRBAG MODULE, METHOD AND DEVICE FOR FOLDING A GAS BAG
SAC A GAZ POUR UN MODULE AIRBAG, ET PROCEDE ET DISPOSITIF DE PLIAGE D'UN SAC A GAZ

(71) **PETRI AG** [DE/DE]; Bahnweg 1, D–63743 Aschaffenburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WERSTAT, Wolfram** [DE/DE]; Am Kirchplatz 8, D–16321 Bernau (DE). **STURM, Andreas** [DE/DE]; Uferpromenade 28a, D–14089 Berlin (DE). **MARKFORT, Dieter** [DE/DE]; Helmholtzstrasse 25, D–10587 Berlin (DE). **MALCZYK, Axel** [DE/DE]; Keplerstrasse 3a, D–10589 Berlin (DE). **ADOMEIT, Heinz–Dieter** [DE/DE]; Grolmanstrasse 16, D–10623 Berlin (DE).

(74) **MAIKOWSKI & NINNEMANN**; Xantener Strasse 10, D–10707 Berlin (DE).

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

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(11) **WO 98/22312** (13) A1

(21) PCT/US97/21879

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 08/755,066 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(31) 08/946,776 (32) **8 Oct/oct 1997 (08.10.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B60R 21/20

(54) AIR BAG COVER
COUVERCLE POUR COUSSIN GONFLABLE DE SECURITE

(71) **GENERAL MOTORS CORPORATION** [US/US]; P.O. Box 33114, Detroit, MI 48232 (US).

(72) **NIEDERMAN, Robert, Raymond**; 116 Woodbury Drive, Dayton, OH 45415 (US).

(74) **MARRA, Kathryn, A.**; General Motors Corporation, Legal Staff, P.O. Box 33114, Detroit, MI 48232 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22313** (13) A1

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(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 9624364.7 (32) **22 Nov/nov 1996 (22.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B60R 21/22

(54) AN AIR–BAG ARRANGEMENT
DISPOSITIF D'AIRBAG

(71) **AUTOLIV DEVELOPMENT AB** [SE/SE]; S–447 33 Vårgårda (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JUCHEM, Alois** [DE/DE]; Mitterfeldstrasse 1, D–85238 Peterhausen (DE).

(74) **MEULLER, Erik**; Autoliv Development AB, S–447 83 Vårgårda (SE).

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

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(11) **WO 98/22314** (13) A1

(21) PCT/US97/18573

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 08/752,098 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B60R 21/26

(54) TELL TALE DEVICE FOR A PRESSURE VESSEL
TEMOIN POUR ENCEINTE SOUS PRESSION

(71) **BREED AUTOMOTIVE TECHNOLOGY, INC.** [US/US]; 5300 Old Tampa Highway, P.O. Box 33050, Lakeland, FL 33807–3050 (US).

(72) **ENNIS, Thomas, A.**; 5403 Windy Court, Troy, MI 48098 (US).

(74) **DRAYER, Lonnie, R.**; Breed Automotive Technology, Inc., 5300 Old Tampa Highway, P.O. Box 33050, Lakeland, FL 33807–3050 (US).

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

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(11) **WO 98/22315** (13) A1

(21) PCT/DE97/02727

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) de (26) de

(31) 196 48 267.4 (32) **21 Nov/nov 1996** (33) DE **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B60R 21/32

(54) CONTROL DEVICE FOR A RESTRAINING MEDIUM IN A MOTOR VEHICLE
DISPOSITIF DE COMMANDE POUR UN MOYEN DE RETENUE PLACE DANS UN VEHICULE AUTOMOBILE

(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) **POPP, Peter** [DE/DE]; Speerweg 12, D–93049 Regensburg (DE). **HEITZER, Günter** [DE/DE]; Flurweg 7 A, D–93102 Pfatter (DE). **LENNINGER, Ralf–Johannes** [DE/DE]; Bayerwaldstrasse 45, D–93093 Donaustauf (DE).

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

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(11) **WO 98/22316** (13) A1

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(22) **20 Nov/nov 1996 (20.11.1996)**

(25) en (26) en

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B60R 25/06

(54) ELECTRONIC GEAR SHIFT LOCKING MECHANISM
MECANISME DE VERROUILLAGE DU CHANGEMENT DE VITESSES

(71, 72) **TOH, Thiam, Seng** [SG/SG]; 506 Upper East Coast Road, Singapore 466531 (SG).

(74) **MORRIS, John**; Drew & Napier, Ocean Towers, 20 Raffles Place #17–00, Singapore 048620 (SG).

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

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(11) **WO 98/22317** (13) A1

(21) PCT/EP97/05120

(22) **18 Sep/sep 1997 (18.09.1997)**

(25) de (26) de

(31) 196 47 347.0 (32) **15 Nov/nov 1996** (33) DE **(15.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B60S 1/32, 1/38

(54) WIPER ARM ASSEMBLY FOR A VEHICLE WINDSHIELD WIPER DEVICE
BRAS D'ESSUIE–GLACE POUR VEHICULES

(71) **ITT MANUFACTURING ENTERPRISES, INC.** [US/US]; Suite 1217, 1105 North Market Street, Wilmington, DE 19801 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FINK, Andreas** [DE/DE]; Pfarrstrasse 8, D–71723 Grossbottwar (DE).

(74) **JAHN, W., D.**; ITT Automotive Europe GmbH, Guerickestrasse 7, D–60488 Frankfurt am Main (DE).

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

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(11) **WO 98/22318** (13) A1

(21) PCT/EP97/06482

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) de (26) de

(31) 196 48 229.1 (32) **21 Nov/nov 1996** (33) DE **(21.11.1996)**

(31) 197 12 595.6 (32) **26 Mar/mar 1997** (33) DE **(26.03.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B60T 7/10, G05G 7/02, B60T 7/04

(54) ACTUATING OF BRAKES ON A VEHICLE OR SOMETHING SIMILAR
ACTIONNEMENT DES FREINS SUR UN VEHICULE OU QUELQUE CHOSE DE SIMILAIRE

(71) **KÜSTER & CO. GMBH** [DE/DE]; Am Bahnhof, D–35630 Ehringshausen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GUTIERREZ, Carmelo** [ES/DE]; Kleiststrasse 1, D–35630 Ehringshausen (DE).

(74) **MÜLLER, Eckhard**; Eifelstrasse 14, D–65597 Hünfelden (DE).

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

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(11) **WO 98/22319** (13) A1

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(22) **17 Sep/sep 1997 (17.09.1997)**

(25) fr (26) fr

(31) 96/14264 (32) **22 Nov/nov 1996** (33) FR **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B60T 13/565, 13/573

(54) POWER BRAKING DEVICE WITH VARIABLE ASSISTANCE RATIO AND REDUCED HYSTERESIS
DISPOSITIF DE FREINAGE ASSISTE A RAPPORT D'ASSISTANCE VARIABLE ET HYSTERESIS REDUITE

(71) **BOSCH SISTEMAS DE FRENADO, S.L.** [ES/ES]; Apartado 9556, Balmes 243, E–08080 Barcelone 6 (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SIMON BACARDIT, Juan** [ES/FR]; Bosch Systèmes de Freinage, 126, rue de Stalingrad, F–93700 Drancy (FR).

(74) **HOUPLAIN, Jacques**; Bosch Systèmes de Freinage, Service Brevets, 126, rue de Stalingrad, F–93700 Drancy (FR).

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

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(11) **WO 98/22320** (13) A1

(21) PCT/US97/16089

(22) **11 Sep/sep 1997 (11.09.1997)**

(25) en (26) en

(31) 08/753,071 (32) **20 Nov/nov 1996** (33) US **(20.11.1996)**

(31) 08/897,875 (32) **21 Jul/juil 1997** (33) US **(21.07.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B60T 13/567, 13/52

(54) VACUUM BRAKE BOOSTER
SERVO–FREIN A DEPRESSION

(71) **ROBERT BOSCH TECHNOLOGY CORPORATION** [US/US]; 401 N. Bendix Drive, P.O. Box 4001, South Bend, IN 46634 (US).

(72) **MALOSH, James, B.**; 7527 Lincoln Avenue, Baroda, MI 49101 (US). **YODER, Dave, C.**; 23635 SR 23, South Bend, IN 46614 (US). **VIEBACH, Rolf**; 26445 Sandpiper Court, Sout Bend, Indiana 46619 (US).

(74) **McCORMICK, Leo, H., Jr.**; 2112 Mishawaka Avenue, P.O. Box 4721, South Bend, IN 46634 (US).

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

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(11) **WO 98/22321** (13) A1

(21) PCT/FR97/01527

(22) **27 Aug/Août 1997 (27.08.1997)**

(25) fr (26) fr

(31) 96/14032 (32) **19 Nov/nov 1996** (33) FR **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B60T 13/573, 13/565

(54) POWER BRAKING SYSTEM WITH IMPROVED HYDRAULIC REACTION
SYSTEME DE FEINAGE ASSISTE A REACTION HYDRAULIQUE AMELIOREE

(71) **BOSCH SYSTEMES DE FREINAGE** [FR/FR]; 126, rue de Stalingrad, F–93700 Drancy (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SACRISTAN, Fernando** [ES/FR]; Bosch Systèmes de Freinage, 126, rue de Stalingrad, F–93700 Drancy (FR).

(74) **HOUPLAIN, Jacques**; Bosch Systèmes de Freinage, Service Brevets, 126, rue de Stalingrad, F–93700 Drancy (FR).

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

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(11) **WO 98/22322** (13) A1

(21) PCT/IT96/00219

(22) **22 Nov/nov 1996 (22.11.1996)**

(25) en (26) en

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B61B 13/10, 1/00

(54) SYSTEM FOR URBAN TRANSPORT, IN PARTICULAR BY UNDERGROUND RAILWAY
SYSTEME POUR TRANSPORT URBAIN, NOTAMMENT PAR METROPOLITAIN

(71) **UNIVERSITA' DEGLI STUDI DI FIRENZE** [IT/IT]; Piazza San Marco, 4, I–50121 Firenze (IT). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ARECCHI, Fortunato, Tito** [IT/IT]; Via Niccolini, 10, I–50121 Firenze (IT).

(74) **MANNUCCI, Gianfranco** et al. / etc.; Via della Scala, 4, I–50123 Firenze (IT).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK TJ TM TR TT UA UG US UZ VN; AP (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22323** (13) A1

(21) PCT/IT96/00221

(22) **22 Nov/nov 1996 (22.11.1996)**

(25) en (26) en

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B61B 13/10, B61D 17/00

(54) A CARRIAGE FOR UNDERGROUND URBAN TRANSPORT IN A TUNNEL OF ESSENTIALLY CIRCULAR SECTION, AND ASSOCIATED SYSTEM
VOITURE POUR TRANSPORT URBAIN SOUTERRAIN DANS UN TUNNEL DE SECTION QUASIMENT CIRCULAIRE ET SYSTEME CORRESPONDANT

(71) **UNIVERSITA' DEGLI STUDI DI FIRENZE** [IT/IT]; Piazza San Marco, 4, I–50121 Firenze (IT). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ARECCHI, Fortunato, Tito** [IT/IT]; Via Niccolini, 10, I–50121 Firenze (IT).

(74) **MANNUCCI, Gianfranco** et al. / etc.; Via della Scala, 4, I–50123 Firenze (IT).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE 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 RO RU SD SG SI SK TJ TM TR TT UA UG US UZ VN; AP (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22324** (13) A1

(21) PCT/GB97/02976

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) en (26) en

(31) 9623946.2 (32) **16 Nov/nov 1996 (16.11.1996)** (33) GB

(31) 9703905.1 (32) **25 Feb/fév 1997 (25.02.1997)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B62B 3/02

(54) COLLAPSIBLE TROLLEY
CHARIOT PLIABLE

(71, 72) **MILLER, Theodorick, Romeo** [GB/GB]; 10 Sunart Close, Sinfin, Derby DE24 3HQ (GB).

(74) **LOCK, Howard, John**; Swindell & Pearson, 48 Friar Gate, Derby DE1 1GY (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22325** (13) A1

(21) PCT/SE97/01813

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) sv (26) en

(31) 9604257–7 (32) **21 Nov/nov 1996 (21.11.1996)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B62D 1/19

(54) DEVICE AND METHOD FOR OCCUPANT PROTECTION IN VEHICLES
DISPOSITIF DE PROTECTION POUR OCCUPANT DE VEHICULE ET PROCEDE CORRESPONDANT

(71) **AB VOLVO** [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]; Svangatan 7, S–416 68 Göteborg (SE).

(74) **GRAUDUMS, Valdis** et al. / etc.; Albihn West AB, P.O. Box 142, S–410 22 Göteborg (SE).

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

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(11) **WO 98/22326** (13) A1

(21) PCT/EP97/06334

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) de (26) de

(31) 196 47 797.2 (32) **19 Nov/nov 1996 (19.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B62D 5/22

(54) RACK–AND–PINION ASSISTED STEERING SYSTEM
DIRECTION ASSISTEE A CREMAILLERE

(71) **ZF FRIEDRICHSHAFEN AG** [DE/DE]; D–88038 Friedrichshafen (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HAFERMALZ, Jens–Uwe** [DE/DE]; Goethestrasse 64, D–73525 Schwäbisch Gmünd (DE).

(74) **ZF FRIEDRICHSHAFEN AG**; D–88038 Friedrichshafen (DE).

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

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(31) 9604275–9 (32) **21 Nov/nov 1996 (21.11.1996)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B62D 21/15

(54) FRONT STRUCTURE IN A VEHICLE
STRUCTURE FRONTALE DANS UN VEHICULE

(71) **AB VOLVO** [SE/SE]; S–405 08 Gothenburg (SE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LARSSON, Johnny, K.** [SE/SE]; Ö Fogelbergsgatan 6, S–411 28 Gothenburg (SE). **JERNSTRÖM, Clas** [SE/SE]; Gjutegården 117, S–436 45 Askim (SE).

(74) **HELLBOM, Lars** et al. / etc.; H. Albihns Patentbyrå AB, P.O. Box 3137, S–103 62 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22328** (13) A1

(21) PCT/SE97/01961

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) sv (26) en

(31) 9604274–2 (32) **21 Nov/nov 1996 (21.11.1996)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B62D 21/15

(54) FRONTAL STRUCTURE IN A VEHICLE
STRUCTURE FRONTALE DANS UN VEHICULE

(71) **AB VOLVO** [SE/SE]; S–405 08 Gothenburg (SE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LARSSON, Johnny, K.** [SE/SE]; Ö Fogelbergsgatan 6, S–411 28 Gothenburg (SE). **JERNSTRÖM, Clas** [SE/SE]; Gjutegården 117, S–436 45 Askim (SE).

(74) **HELLBOM, Lars** et al. / etc.; H. Albihns Patentbyrå AB, P.O. Box 3137, S–103 62 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22329** (13) A1

(21) PCT/FI97/00705

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) sv (26) en

(31) 964602 (32) **18 Nov/nov 1996 (18.11.1996)** (33) FI

(31) 972347 (32) **3 Jun/juin 1997 (03.06.1997)** (33) FI

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B62D 25/16, 55/00, F03D 3/04

(54) DEVICE FOR EXPLOITING SURROUNDING MATTERCURRENT
DISPOSITIF PERMETTANT D'EXPLOITER LES COURANTS DE MATIERES ENVIRONNANTES

(71, 72) **BJÖRKLUND, Jan–Eric, Olavi** [FI/FI]; Västravägen 20, FIN–02160 Esbo (FI).

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

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(11) **WO 98/22330** (13) A1

(21) PCT/JP97/04210

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) ja (26) ja

(31) 8/308537 (32) **19 Nov/nov 1996** (33) JP **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B62D 57/02, B25J 5/00

(54) WALL SURFACE ABSORPTION TYPE MOVING DEVICE AND MAGNET DRIVING METHOD OF THE WALL SURFACE ABSORPTION TYPE MOVING DEVICE
DISPOSITIF MOBILE PLAQUE MAGNETIQUEMENT CONTRE UNE SURFACE MURALE ET PROCEDE DE COMMANDE D'AIMANT DUDIT DISPOSITIF

(71) **MITSUBISHI HEAVY INDUSTRIES, LTD.** [JP/JP]; 5–1, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HIGUTI, Masaru** [JP/JP]; Mitsubishi Heavy Industries, Ltd., Takasago Research & Development Center, 1–1, Arai–cho Shinhama 2–chome, Takasago–shi, Hyogo–ken 676 (JP). **IBE, Tomoyosi** [JP/JP]; Mitsubishi Heavy Industries, Ltd., Takasago Research & Development Center, 1–1, Arai–cho Shinhama 2–chome, Takasago–shi, Hyogo–ken 676 (JP).

(74) **SANADA, Tamotsu**; Kichijoji–Hirose Building, 8th floor, 10–31, Kichijoji–Honcho 1–chome, Musashino–shi, Tokyo 180 (JP).

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

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(11) **WO 98/22331** (13) A1

(21) PCT/GB97/03065

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 9623817.5 (32) **16 Nov/nov 1996** (33) GB **(16.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B62J 1/00, 1/08, 1/26

(54) SADDLES FOR PEDAL–DRIVEN MACHINES
SELLE POUR MACHINES A PEDALES

(71, 72) **COX, Brian, Anthony** [GB/GB]; The White House, Yarmouth Road, North Walsham, Norfolk NR28 9AT (GB).

(74) **SANDERSON, Laurence, Andrew** et al. / etc.; Sanderson & Co., 34 East Stockwell Street, Colchester, Essex C01 1ST (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22332** (13) A1

(21) PCT/EP97/05180

(22) **22 Sep/sep 1997 (22.09.1997)**

(25) de (26) de

(31) 296 20 043.3 (32) **19 Nov/nov 1996** (33) DE **(19.11.1996)**

(31) 297 01 597.4 (32) **31 Jan/jan 1997** (33) DE **(31.01.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B62J 9/00

(54) BASKET FOR BICYCLES
PANIER POUR CYCLES

(71) **LÖHR GMBH** [DE/DE]; Robert–Bosch–Strasse 6, D–59199 Bönen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LÖHR, Hans–Gerhard** [DE/DE]; Talstrasse 40, D–59069 Hamm (DE).

(74) **FLECK, Hermann–Josef**; Markgröninger Strasse 47/1, D–71701 Schwieberdingen (DE).

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

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(11) **WO 98/22333** (13) A1

(21) PCT/FR97/02052

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) fr (26) fr

(31) 96/13964 (32) **15 Nov/nov 1996** (33) FR **(15.11.1996)**

(31) 96/13965 (32) **15 Nov/nov 1996** (33) FR **(15.11.1996)**

(31) 96/13966 (32) **15 Nov/nov 1996** (33) FR **(15.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B62M 9/04, 1/02

(54) DRIVING DEVICE FOR A CRANK GEAR MACHINE
DISPOSITIF D'ENTRAINEMENT D'UNE MACHINE A PEDALIER

(71, 72) **MOURER, Hubert** [FR/FR]; 12, rue Fallempin, F–75015 Paris (FR).

(74) **COSTANTINI, Paul**; 18, rue Rabelais, F–91800 Brunoy (FR).

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

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(11) **WO 98/22334** (13) A1

(21) PCT/NO97/00296

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 964931 (32) **20 Nov/nov 1996** (33) NO **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B63B 21/24

(54) ANCHOR
ANCRE

(71) **NORSK HYDRO ASA** [NO/NO]; N–0240 Oslo (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ASKESTAD, Sigmund** [NO/NO]; Skatvedtvn. 85, N–3475 Sætre (NO). **HALDORSEN, Knut** [NO/NO]; Grønsundvn. 81, N–1360 Nesbru (NO).

(74) **HOFSETH, Svein**; Norsk Hydro ASA, N–0240 Oslo (NO).

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

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(11) **WO 98/22335** (13) A1

(21) PCT/NO97/00310

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) no (26) en

(31) 964979 (32) **22 Nov/nov 1996** (33) NO **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B63B 35/00

(54) MULTI–PURPOSE VESSEL
VAISSEAU POLYVALENT

(71) **SHIP BASED SYSTEM AS** [NO/NO]; Karl Johansgate 27, N–0159 Oslo (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BLYSTAD, Wilhelm, P.** [NO/NO]; N–3534 Sokna (NO).

(74) **BYKLUM, Knut, B.**; Bryns Patentkontor A/S, P.O. Box 765, Sentrum, N–0106 Oslo (NO).

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

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(11) **WO 98/22336** (13) A1

(21) PCT/EP97/06437

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 60/031,269 (32) **15 Nov/nov 1996** (33) US **(15.11.1996)**

(31) 60/031,270 (32) **15 Nov/nov 1996** (33) US **(15.11.1996)**

(31) 60/031,271 (32) **15 Nov/nov 1996** (33) US **(15.11.1996)**

(31) 60/031,268 (32) **15 Nov/nov 1996** (33) US **(15.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B63B 39/00, 35/44, F15D 1/10 // E02B 17/00

(54) SPAR STRUCTURE
STRUCTURE DE PLATE–FORME

(71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL–2596 HR The Hague (NL).

(72) **ALLEN, Donald, Wayne**; 1806 Hillgreen Drive, Katy, TX 77494 (US). **HENNING, Dean, Leroy**; 3205 Hartledge Road, Needville, TX 77461 (US).

(81) BR GB ID MX NO; OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22337** (13) A1

(21) PCT/IT97/00279

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) RM96A000793 (32) **20 Nov/nov 1996** (33) IT **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B63H 25/46 // B60V 1/11

(54) HYDRAULIC SYSTEM FOR MANOEUVRING BOATS, SHIPS AND CRAFTS IN GENERAL
SYSTEME HYDRAULIQUE POUR LA MANOEUVRE DE BATEAUX, DE NAVIRES ET PLUS GENERALEMENT D'ENGINS

(71, 72) **DE RISI, Felice** [IT/IT]; Via Acherusio, 20, I–00199 Roma (IT).

(74) **MASCIOLI, Alessandro**; Via Urbana, 20, I–00184 Roma (IT).

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

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(11) **WO 98/22338** (13) A1

(21) PCT/US96/18597

(22) **20 Nov/nov 1996 (20.11.1996)**

(25) en (26) en

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B64B 1/36

(54) AIRCRAFT STABILIZING SYSTEM
SYSTEME SERVANT A STABILISER UN AVION

(71, 72) **HARRIS, Leonard** [US/US]; 730 Normandy P., Delray Beach, FL 33484 (US).

(74) **DOWNEY, Robert, M.**; Robert M. Downey, P.A., Suite 1480, 701 Brickell Avenue, Miami, FL 33131 (US).

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

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(11) **WO 98/22339** (13) A2

(21) PCT/RU97/00370

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) ru (26) ru

(31) 96122288 (32) **20 Nov/nov 1996** (33) RU **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B64C

(54) METHOD OF VERTICAL TAKEOFF AND LANDING OF AN ORNITHOPTER
METHODE DE DECOLLAGE ET D'ATTERRISSAGE VERTICAL POUR ORNITHOPTERE

(71, 72) **NURMUKHAMETOV, Iskander Rifovich** [RU/RU]; ul. Tatarstan, s. Tsipya, Baltasinsky raion, Tatarstan, 422043 (RU).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22340** (13) A1

(21) PCT/US97/21465

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/753,229 (32) **22 Nov/nov 1996** (33) US **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B64C 11/38

(54) COUNTERWEIGHTED PROPELLER CONTROL SYSTEM
SYSTEME EQUILIBRE DE COMMANDE D'HELICE

(71) **UNITED TECHNOLOGIES CORPORATION** [US/US]; Hamilton Standard Division, One Hamilton Road, Windsor Locks, CT 06096–1010 (US).

(72) **AREL, David**; 45 Fern Hollow Drive, Granby, CT 06035 (US). **PERKINSON, Robert, H.**; 93 Oldefield Farms, Enfield, CT 06082 (US). **DEGEORGE, Charles, L.**; 430 Hale Street, Suffield, CT 06078 (US).

(74) **KELLY, Robert, H.**; Intellectual Property Counsel, Hamilton Standard, One Hamilton Road, Windsor Locks, CT 06096–1010 (US).

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

Published / Publiée : *(c)*

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(11) **WO 98/22341** (13) A1

(21) PCT/US97/21342

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 60/031,413 (32) **20 Nov/nov 1996** (33) US **(20.11.1996)**

(31) 60/033,299 (32) **10 Dec/déc 1996** (33) US **(10.12.1996)**

(31) 60/033,300 (32) **10 Dec/déc 1996** (33) US **(10.12.1996)**

(31) 08/888,932 (32) **7 Jul/juil 1997** (33) US **(07.07.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B64D 27/02, B64C 11/46

(54) THRUST LEVITATION
SUSTENTATION PAR POUSSEE

(63) US 08/888,932 (CIP)
7 Jul/juil 1997 (07.07.1997)

(71) **GRAVIT–E** [US/US]; 833 N.E. Foster Road, Bremerton, WA 98311–9208 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SMITH, Boyd, E.** [US/US]; 833 N.E. Foster Road, Bremerton, WA 98311–9208 (US). **VINCENT, Mervin, C.** [US/US]; 28725 – 196th Avenue S.E., Kent, WA 98042 (US).

(74) **GARRISON, David, L.** et al. / etc.; Garrison & Associates PS, Suite 3300, 2001 Sixth Avenue, Seattle, WA 98121 (US).

(81) AU BR CA CN IL JP KR MX NO NZ US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22342** (13) A1

(21) PCT/CZ97/00041

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) PV 3421–96 (32) **21 Nov/nov 1996** (33) CZ **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B64D 45/00, 13/00

(54) AIR CONDITIONING SYSTEM FOR SELF–CONTAINED TRANSPORTING UNITS
SYSTEME D'AIR CONDITIONNE POUR UNITES DE TRANSPORT INDEPENDANTES

(71, 72) **VETLICKY, Boris** [CZ/CZ]; Palackého 1930, 530 00 Pardubice (CZ). **SOLOZHENKIN, Igor** [RU/RU]; Shelkovskoye sh., 21–2, Moscow, 105122 (RU). **LOKHOV, Yury** [RU/RU]; Russkaya Street, 11–908, Novosibirsk, 630058 (RU). **MARES, Zdeněk** [CZ/CZ]; Pardubice–Staré Čívice 173, 530 06 Pardubice 6 (CZ).

(74) **MAREŠ, Zdeněk**; Pardubice–Staré Čívice 173, 530 06 Pardubice 6 (CZ).

(81) AT AU BY CA CH CN CU CZ DE DK GB IL JP KR KZ MK MX PL RU SE SG SK TR UA US VN; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(11) **WO 98/22343** (13) A1

(21) PCT/FR97/02069

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) fr (26) fr

(31) 96/14416 (32) **19 Nov/nov 1996** (33) FR **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B64G 1/44, F16C 11/04

(54) AUTOMOTIVE, SELF–LOCKING AND DAMPING ARTICULATED JOINT AND ARTICULATION EQUIPPED WITH SAME
JOINT D'ARTICULATION AUTOMOTEUR, AUTO–VERROUILLANT ET AMORTISSANT ET ARTICULATION EQUIPEE DE TELS JOINTS

(71) **METRAVIB R.D.S.** [FR/FR]; 200, chemin des Ormeaux, F–69760 Limonest (FR). **CENTRE NATIONAL D'ETUDES SPATIALES CNES** [FR/FR]; 2, place Maurice Quentin, F–75001 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DUPERRAY, Bernard** [FR/FR]; Allée Sainte Philomène, F–01480 Ars (FR). **DONZIER, Alain** [FR/FR]; 9, rue Peytel, F–69660 Collonges au Mont d'Or (FR). **SICRE, Jacques** [FR/FR]; 25, rue Laffargue, F–31400 Toulouse (FR).

(74) **THIBAULT, Jean–Marc**; Cabinet Beau de Loménie, 51, avenue Jean Jaurès, Boîte postale 7073, F–69301 Lyon Cedex (FR).

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

Published / Publiée : *(c)*

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(11) **WO 98/22344** (13) A2

(21) PCT/US97/21309

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/755,292 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65B

(54) CONTAINER HAVING FLUID–WEIGHT CONTROL DEVICE
RECIPIENT DOTE D'UN DISPOSITIF DE REGULATION DE POIDS DE FLUIDE

(71, 72) **GARRETSON, Owen, L.** [US/US]; P.O. Box 108, Farmington, NM 87401 (US).

(74) **SCHOONOVER, Donald, R.**; Lathrop & Gage LLC, Suite 2500, 2345 Grand Boulevard, Kansas City, MO 64116 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22345** (13) A1

(21) PCT/EP97/05568

(22) **9 Oct/oct 1997 (09.10.1997)**

(25) de (26) de

(31) 196 47 775.1 (32) **19 Nov/nov 1996 (19.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65B 7/18

(54) DEVICE FOR SEALING ASEPTICALLY FILLED PACKAGES UNDER STERILE CONDITIONS
DISPOSITIF DE SCELLAGE POUR EMBALLAGES A REMPLISSAGE ASEPTIQUE DANS DES CONDITIONS STERILES

(71) **TETRA LAVAL HOLDINGS & FINANCE S.A.** [CH/CH]; 70, avenue Général–Guisan, CH–1009 Pully (CH).

(72) **MARTIN, Peter, Josef**; Hessenring 14a, D–65205 Wiesbaden (DE).

(74) **WEBER, D.** et al. / etc.; Gustav–Freytag–Strasse 25, Postfach 61 45, D–65051 Wiesbaden (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CN CU CZ 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22346** (13) A1

(21) PCT/EP97/03628

(22) **9 Jul/juil 1997 (09.07.1997)**

(25) en (26) en

(31) MI96A002394 (32) **18 Nov/nov 1996 (18.11.1996)** (33) IT

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65B 11/02

(54) EPICYCLOIDAL WRAPPING MACHINE FOR PALLETS
FARDELEUSE DE PALETTES EPICYCLOIDALE

(71) **SIPAK S.R.L.** [IT/IT]; Via Per Meina, 8, Frazione Corciago, I–28010 Nebbiuno (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TACCHINI, Franco** [IT/IT]; Via Per Meina, 8, Frazione Corciago, I–28010 Nebbiuno (IT).

(74) **FAGGIONI, Giovanmaria** et al. / etc.; Fumero Studio Consulenza Brevetti, Via S. Agnese, 12, I–20123 Milano (IT).

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

Published / Publiée : *(a)*

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(11) **WO 98/22347** (13) A1

(21) PCT/IB97/01453

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) BO96A000604 (32) **22 Nov/nov 1996 (22.11.1996)** (33) IT

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65B 11/58, 11/00, 43/20

(54) METHOD AND PLANT FOR PACKING PRODUCTS OR SETS OF PARTS THEREOF NEATLY GATHERED IN A PACKAGE
PROCEDE ET INSTALLATION POUR EMBALLER AVEC SOIN DES PRODUITS, OU DES ENSEMBLES DE PIECES CONSTITUANT LESDITS PRODUITS, DANS UN EMBALLAGE

(71) **ROBOPAC SISTEMI S.R.L.** [IT/IT]; Strada Statale Marecchia, 59, I–47827 Villa Verucchio (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CAGNOLATI, Davide** [IT/IT]; Via Gramsci, 19, I–40012 Calderara di Reno (IT).

(74) **PEDERZINI, Paolo**; Bugnion S.p.A., Via dei Mille, 19, I–40121 Bologna (IT).

(81) AU BG BR CA CN CZ HU IL JP KR MX NO PL RO RU SG SI SK US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22348** (13) A1

(21) PCT/US97/20879

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/751,875 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65B 13/00, 27/00

(54) STRAPPING MACHINE HAVING PRIMARY AND SECONDARY TENSIONING UNITS AND A CONTROL SYSTEM THEREFOR
MACHINE A FICELER DOTEE D'UNITES PRIMAIRE ET SECONDAIRE DE TENSION ET D'UN SYSTEME DE COMMANDE AFFERENT

(71) **OVALSTRAPPING, INC.** [US/US]; 206 Firman, Hoquiam, WA 98550–0359 (US).

(72) **CHAK, Yee, C.**; P.O. Box 152, Hoquiam, WA 98550 (US). **DIERICK, Bryan, R.**; P.O. Box 506, Montesano, WA 98563 (US). **HYLTON, Gary, L.**; 137 Eklund Street, Hoquiam, WA 98550 (US).

(74) **DALEY–WATSON, Christopher, J.** et al. / etc.; Seed and Berry LLP, 6300 Columbia Center, 701 Fifth Avenue, Seattle, WA 98104–7092 (US).

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

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(11) **WO 98/22349** (13) A1

(21) PCT/GB97/03167

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 9624110.4 (32) **20 Nov/nov 1996 (20.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65B 19/10

(54) APPARATUS FOR TRANSFERRING ROD–LIKE ARTICLES
APPAREIL DE TRANSFERT D'ARTICLES EN FORME DE BATONNETS

(71) **MOLINS PLC** [GB/GB]; 11 Tanners Drive, Blakelands, Milton Keynes MK14 5LU (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAILEY, Thomas, William** [GB/GB]; 13 Westwood Way, Westwood Business Park, Coventry CV4 8HS (GB). **HILL, Brian** [GB/GB]; 13 Westwood Way, Westwood Business Park, Coventry CV4 8HS (GB). **TAYLOR, Robert, Howard** [GB/GB]; Haw Lane, Saunderton, High Wycombe, Bucks HP14 5JE (GB).

(74) **SHINDLER, Nigel**; Batchellor, Kirk & Co., 2 Pear Tree Court, Farringdon Road, London EC1R 0DS (GB).

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

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(11) **WO 98/22350** (13) A1

(21) PCT/IB97/01458

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) MI 96A 002451 (32) **22 Nov/nov 1996 (22.11.1996)** (33) IT

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65B 55/02

(54) SYSTEM TO FORM, FILL AND SEAL FLEXIBLE BAGS
SYSTEME POUR FORMER, REMPLIR ET SCELLER DES SACS SOUPLES

(71) **BIEFFE MEDITAL S.P.A.** [IT/IT]; Via Nuova Provinciale, I–23034 Grosotto (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SICCARDI, Alberto** [CH/CH]; CH–6966 Villa Luganese (CH).

(74) **INCOLLINGO ITALO**; Piazzale Lavater, 3, I–20129 Milano (IT).

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

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(11) **WO 98/22351** (13) A2

(21) PCT/US97/19601

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) en (26) en

(31) 08/754,753 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65B 69/00

(54) PIVOTING PASSIVE OVERHEAD BAG OPENER
PORTIQUE PIVOTANT A OUVRE–SAC PASSIF

(71) **BELOIT TECHNOLOGIES, INC.** [US/US]; Suite 3001, 3513 Concord Pike, Wilmington, DE 19803 (US).

(72) **MONTGOMERY, James, R.**; 1311 S.W. Royal Court, Gresham, OR 97080 (US). **BIELAGUS, Joseph, B.**; 21508 S.W. Christiansen, Tualatin, OR 97062 (US).

(74) **CAMPBELL, Raymond, W.**; One St. Lawrence Avenue, Beloit, WI 53511 (US).

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

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(11) **WO 98/22352** (13) A1

(21) PCT/US97/20925

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 08/752,073 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65C 7/00, D05B 85/00

(54) BUTTON ATTACHING DEVICE
DISPOSITIF DE FIXATION DE BOUTONS

(71) **AVERY DENNISON CORPORATION** [US/US]; 150 North Orange Grove Boulevard, Pasadena, CA 91103 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DESCHENES, Charles, L.** [US/US]; 22 Norton Road, North Attleboro, MA 02760 (US). **DAVIGNON, Paul, A.** [US/US]; 77 Fisher Street, Uxbridge, MA 01569 (US). **HARTMAN, William** [US/US]; 76 Longwood Road, Quincy, MA 02169 (US). **SMITH, Hugh** [US/US]; 72 Addington Road, West Roxbury, MA 02132 (US). **COOKE, Douglas, A.** [US/US]; 35 High Street, Charlestown, MA 02129 (US).

(74) **KRIEGSMAN, Edward, M.** et al. / etc.; Kriegsman & Kriegsman, 883 Edgell Road, Framingham, MA 01701 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22353** (13) A2

(21) PCT/US97/20663

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/752,135 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65D

(54) FLEXIBLE NOZZLE INTEGRATED WITH A TRANSFORMABLE WIRE
AJUTAGE SOUPLE à FIL TRANSFORMABLE INTEGRE

(71) **TETRA LAVAL HOLDINGS & FINANCE, S.A.** [CH/CH]; Avenue Général Guisan 70, CH–1009 Pully (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HERTSGAARD, John** [US/US]; 5615 Emerson Avenue South, Minneapolis, MN 55419 (US).

(74) **CATANIA, Michael, A.**; Tetra Pak, U.S. Intellectual Property Dept., 909 Asbury Drive, Buffalo Grove, IL 60089 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22354** (13) A1

(21) PCT/US97/23037

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 08/753,145 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65D 5/50, A47G 23/06

(54) COMPARTMENTED TRAY
BAC A COMPARTIMENTS

(71) **THE MEAD CORPORATION** [US/US]; Courthouse Plaza, Northeast, Dayton, OH 45463 (US).

(72) **BATES, Aaron**; 2431 Rachel Court, Marietta, GA 30066 (US).

(74) **DREW, Michael, V.** et al. / etc.; The Mead Corporation, 4850D North Church Lane, Smyrna, GA 30080 (US).

(81) AU BR BY CA CN CZ EE HU IL JP KE KR LT LV MX NO NZ PL RO RU SG SK TR VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(11) **WO 98/22355** (13) A1

(21) PCT/US97/19000

(22) **21 Oct/oct 1997 (21.10.1997)**

(25) en (26) en

(31) 08/751,269 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65D 17/16

(54) CAN LID WITH DEPRESSION TO AVOID ITS SEPARATION AND APPARATUS FOR MAKING THE SAME
COUVERCLE DE BOITE A BOISSON POURVU D'UNE DEPRESSION VISANT A EVITER TOUTE DISSOCIATION DE L'ENSEMBLE ET APPAREIL DE FABRICATION DUDIT COUVERCLE

(71) **CROWN CORK & SEAL TECHNOLOGIES CORPORATION** [US/US]; 11535 South Central Avenue, Alsip, IL 60803 (US).

(72) **WAHLER, Richard, O.**; 646 E. Pompano Lane, Palantine, IL 60067 (US). **WINKLESS, Robert, A.**; 10128 Kenton Avenue, Oak Lawn, IL 60453 (US).

(74) **HEIST, Dale, M.** et al. / etc.; Woodcock Washburn Kurtz Mackiewicz & Norris LLP, 46th floor, One Liberty Place, 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22356** (13) A1

(21) PCT/US97/19654

(22) **24 Oct/oct 1997 (24.10.1997)**

(25) en (26) en

(31) 08/754,232 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(31) 08/857,812 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65D 17/34

(54) CAN END HAVING SCORE GROOVE WITH THICKENED RESIDUAL AREA
EXTREMITE DE BOITE–BOISSON DONT LA RAINURE DE PREDECOUPE COMPORTE UNE ZONE RESIDUELLE RENFORCEE

(71) **COORS BREWING COMPANY** [US/US]; 12th and East Streets, Golden, CO 80401 (US).

(72) **HURST, Robert, L.**; 27820 Highway 72, Golden, CO 80403 (US). **HIDALGO, Dennis, K.**; 110 Ammons Street, Lakewood, CO 80226 (US).

(74) **GOODWIN, Michael, A.** et al. / etc.; Klaas, Law, O'Meara & Malkin, P.C., Suite 2225, 1999 Broadway, Denver, CO 80202 (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; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22357** (13) A1

(21) PCT/EP97/06471

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) de (26) de

(31) 296 20 060.3 (32) **19 Nov/nov 1996 (19.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65D 19/20, 5/36

(54) CONTAINER
CONTENEUR

(71, 72) **MAIER, Otto** [DE/DE]; Walchenseestrasse 6, D–82194 Gröbenzell (DE).

(74) **WALTER, Helmut**; Aubinger Strasse 81, D–81243 München (DE).

(81) JP NO US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(11) **WO 98/22358** (13) A1

(21) PCT/KR97/00217

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 1996/40498 (32) **16 Nov/nov 1996** (33) KR **(16.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65D 21/02, 1/06

(54) CONTAINER FOR POWDERED MILK COMPRISING A PLURALITY OF CONTAINER UNITS
RECIPIENT POUR LAIT EN POUDRE CONSTITUE DE PLUSIEURS CONTENANTS

(71, 72) **LEE, Jin, Woo** [KR/KR]; 1076–7, Chung–dong, Wonmi–gu, Puchon–city, Kyungki–do 420–020 (KR).

(74) **SHIN, Dong, Joon**; Dongkyung Building, 10th floor, 824–19, Yeoksam–dong, Kangnam–gu, Seoul 135–080 (KR).

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

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(11) **WO 98/22359** (13) A1

(21) PCT/EP97/06269

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) de (26) de

(31) 196 47 923.1 (32) **20 Nov/nov 1996** (33) DE **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65D 23/08

(54) PACKAGING FOR BULK GOODS
EMBALLAGE POUR PRODUITS EN VRAC

(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) **KITTSCHER, Peter** [DE/DE]; Edelweißstrasse 25, D–41564 Kaarst (DE).

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

Published / Publiée : *(c)*

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(11) **WO 98/22360** (13) A1

(21) PCT/EP97/06405

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) de (26) de

(31) 96118685.5 (32) **21 Nov/nov 1996** (33) EP **(21.11.1996)**

(34) AT et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65D 35/22, B65B 29/10, B29D 23/20

(54) PROCESS FOR MANUFACTURING TUBULAR BODIES
PROCEDE DE FABRICATION DE CORPS TUBULAIRES

(71) **AISA AUTOMATION INDUSTRIELLE S.A.** [CH/CH]; 61, avenue de Savoie, CH–1896 Vouvry (CH).

(72) **KELLER, Gerhard**; 19, chemin du Grammont, CH–1805 Jongny (CH).

(74) **ZELLENTIN, Rüdiger**; Zellentin & Partner, Zweibrückenstrasse 15, D–80331 München (DE).

(81) AU BG BR CN HU JP KR PL RU.

Published / Publiée : *(c)*

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(11) **WO 98/22361** (13) A1

(21) PCT/IB97/01449

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 08/754,985 (32) **22 Nov/nov 1996** (33) US **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65D 41/34

(54) CLOSURE CAP FOR CLOSURE OF A CONTAINER MOUTH
COUVERCLE POUR FERMER L'OUVERTURE D'UN RECIPIENT

(71) **CROWN CORK & SEAL TECHNOLOGIES CORPORATION** [US/US]; 11535 South Central Avenue, Alsip, IL 60803 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KELLY, Ronald, L.** [US/US]; 6211 Arbor Banks Terrace, Chester, VA 23831 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22362** (13) A1

(21) PCT/GB97/03103

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 9623782.1 (32) **15 Nov/nov 1996** (33) GB **(15.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65D 50/04

(54) CHILD–RESISTANT CLOSURES FOR CONTAINERS, AND CONTAINERS FOR CLOSURE THEREBY
FERMETURES A L'EPREUVE DES ENFANTS POUR RECIPIENTS ET RECIPIENTS FERMES PAR LESDITES FERMETURES

(71) **CARNAUDMETALBOX PLC** [GB/GB]; Downsview Road, Wantage, Oxfordshire OX12 9BP (GB).
(only for / seulement pour BB GB GH IE KE LS MW SD SL SZ TT UG ZW)

(71) **CARNAUDMETALBOX S.A.** [FR/FR]; 67, rue Arago, F–93400 Saint Ouen (FR).
(only for / seulement pour AT BE BF BJ CF CG CH CI CM DE DK ES FI FR GA GB GN GR IE IT LU MC ML MR NE NL NO PT SE SN TD TG)

(71) **CARNAUDMETALBOX N.V.** [NL/NL]; Anodeweg 3, NL–1627 LJ Hoorn (NL).
(only for / seulement pour AL AM AU AZ BA BG BR BY CN CU CZ EE GE HU ID IL IS JP KG KP KR KZ LC LK LR LT LV MD MG MK MN NZ PL RO RU SG SI SK TJ TM TR UA UZ VN YU)

(71) **CARNAUDMETALBOX (HOLDINGS) USA INC.** [US/US]; Suite 1300, 1105 North Market Street, Wilmington, DE 19801 (US).
(only for / seulement pour CA MX)

(72, 75) **HOPLEY, Eric, Trevor** [GB/GB]; 4 Highland, Caistor Lane, Poringland, Norwich NO14 7QU (GB). **NEAVE, Jeremy, Charles** [GB/GB]; 54 High Street, Wicklewood, Wymondham, Norfolk NR18 9QU (GB).

(74) **BROMILOW, David, John, English**; Carnaudmetalbox plc, Downsview Road, Wantage, Oxfordshire OX12 9BP (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22363** (13) A1

(21) PCT/GB97/03117

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 9624036.1 (32) **19 Nov/nov 1996** (33) GB **(19.11.1996)**

(31) 9624849.7 (32) **29 Nov/nov 1996** (33) GB **(29.11.1996)**

(31) 9703311.2 (32) **18 Feb/fév 1997** (33) GB **(18.02.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65D 51/16

(54) VENTED CLOSURES
FERMETURES AEREES

(71) **ROYAL PACKAGING INDUSTRIES VAN LEER N.V.** [NL/NL]; Amsterdamseweg 206, P.O. Box 25, NL–1180 AA Amstelveen (NL).
(for all designated States except / pour tous les États désignés sauf US)

(71) **WESTON, Robert, Dale** [GB/GB]; Phillips & Leigh, 7 Staple Inn, Holborn, London WC1V 7QF (GB).
(only for / seulement pour LS)

(72, 75) **BOULANGÉ, Michel** [FR/FR]; 63, allée du Pavillon, F–76500 Elbeuf (FR). **DAVOUS, Philippe** [FR/FR]; 5, rue du Coq, F–27370 Le Thuit Signol (FR).

(74) **PHILLIPS & LEIGH**; 7 Staple Inn, Holborn, London WC1V 7QF (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22364** (13) A1

(21) PCT/US97/22074

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 60/031,119 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65D 51/18, 41/06, B21D 51/42, 51/50

(54) RESEALABLE BEVERAGE CONTAINER AND TOP THEREFOR
RECIPIENT A BOISSON REFERMABLE ET SON COUVERCLE

(71) **DAYTON SYSTEMS GROUP, INC.** [US/US]; 4201 Little York Road, Dayton, OH 45414 (US).

(72) **BACHMANN, Henry, C.**; 6176 Locust Hill Road, Dayton, OH 45459 (US). **COOK, Steven, T.**; 4067 Glenberry Circle, Bellbrook, OH 45305 (US). **SCHUBERT, James, R.**; 4243 Merrimac Avenue, Dayton, OH 45405 (US). **SCHUBERT, John, F.**; 4400 East Greenview Drive, Dayton, OH 45415 (US). **STRONG, Lori, E.**; 7707 Bellfountaine Road, Huber Heights, OH 45424 (US).

(74) **NAUMAN, Joseph, G.**; 696 Renolda Woods Court, P.O. Box 292470, Dayton, OH 45429 (US).

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

Published / Publiée : *(c)*

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(11) **WO 98/22365** (13) A1

(21) PCT/US97/21701

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 08/752,863 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65D 71/24

(54) DIVIDER PANEL
PANNEAU SEPARATEUR

(71) **THE MEAD CORPORATION** [US/US]; Courthouse Plaza, Northeast, Dayton, OH 45463 (US).

(72) **OLIFF, James, R.**; 530 Greystone Lane, Douglasville, GA 30135 (US).

(74) **DREW, Michael, V.** et al. / etc.; The Mead Corporation, 4850D North Church Lane, Smyrna, GA 30080 (US).

(81) AU BR BY CA CN CZ EE HU IL JP KE KR LT LV MX NO NZ PL RO RU SG SK TR VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22366** (13) A1

(21) PCT/FR97/02045

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) fr (26) fr

(31) 96/14009 (32) **18 Nov/nov 1996 (18.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65D 77/20

(54) DEVICE FOR MAKING LIDS AND FIXING THEM ON CONTAINERS OR MOUNTED RECEPTACLES
DISPOSITIF POUR FABRIQUER DES COUVERCLES ET LES FIXER SUR DES RECIPIENTS OU BARQUETTES RAPPORTEES

(71, 72) **ROSSI, Jean–Pierre** [FR/FR]; 6, rue du Château, Boîte postale 50, F–93190 Livry Gargan (FR). **ROSSI, Marie–José** [FR/FR]; 6, rue du Château, Boîte postale 50, F–93190 Livry Gargan (FR).

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

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(11) **WO 98/22367** (13) A1

(21) PCT/GB97/03183

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 9624275.5 (32) **21 Nov/nov 1996 (21.11.1996)** (33) GB

(31) 9716699.5 (32) **6 Aug/Août 1997 (06.08.1997)** (33) GB

(31) 9721080.1 (32) **3 Oct/oct 1997 (03.10.1997)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65D 85/10

(54) PACKAGING FOR SMOKING ARTICLES
EMBALLAGE POUR ARTICLES DE TABAC

(71) **ROTHMANS INTERNATIONAL SERVICES LIMITED** [GB/GB]; 15 Hill Street, London W1X 7FB (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRAY, Andrew, Jonathan** [GB/GB]; 35 Aldrich Drive, Willen, Milton Keynes, Buckinghamshire MK15 9HP (GB). **PARKER, Michael, Patrick** [GB/GB]; 7 Chiltern Gardens, Leighton Buzzard, Bedfordshire LU7 8BL (GB). **SAMPSON, John, Roger** [GB/GB]; 74 Walnut Grove, Welwyn Garden City, Hertfordshire AL7 4EU (GB). **STEWART–COX, Adrian, Roy** [GB/GB]; 144 Moreton Road, Buckingham, Buckinghamshire MK18 1PW (GB).

(74) **HARRISON, David, C.** et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, London WC2B 6HP (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22368** (13) A1

(21) PCT/GB97/03184

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 9624274.8 (32) **21 Nov/nov 1996 (21.11.1996)** (33) GB

(31) 9716699.5 (32) **6 Aug/Août 1997 (06.08.1997)** (33) GB

(31) 9721080.1 (32) **3 Oct/oct 1997 (03.10.1997)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65D 85/10

(54) PACKAGING OF SMOKING ARTICLES
EMBALLAGE D'ARTICLES DE TABAC

(71) **ROTHMANS INTERNATIONAL SERVICES LIMITED** [GB/GB]; 15 Hill Street, London W1X 7FB (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PARKER, Michael, Patrick** [GB/GB]; 7 Chiltern Gardens, Leighton Buzzard, Bedfordshire LU7 8BL (GB). **BATES, David, John** [GB/GB]; 17 Lambtons Way, Magpie Farm, Winslow, Buckinghamshire MK18 3ER (GB).

(74) **HARRISON, David, C.** et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, London WC2B 6HP (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22369** (13) A1

(21) PCT/DE97/02720

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) de (26) de

(31) 196 47 915.0 (32) **20 Nov/nov 1996 (20.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65D 85/57, 27/22

(54) PROTECTIVE CASE FOR DISC–SHAPED RECORDING MEDIUM SUCH AS COMPACT DISCS, DISKETTES AND THE LIKE
ETUI PROTECTEUR POUR SUPPORTS D'ENREGISTREMENT EN FORME DE DISQUE, TELS QUE DES DISQUES COMPACTS, DES DISQUETTES ET ANALOGUES

(71, 72) **DRECHSEL, Andreas** [DE/DE]; Marggrafstrasse 9, D–31319 Sehnde (DE). **BERGMANN, Manfred** [DE/DE]; Lindloher Strasse 11, D–49733 Haren (DE).

(74) **THÖMEN, Uwe** et al. / etc.; Zeppelinstrasse 5, D–30175 Hannover (DE).

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

Published / Publiée : *(c)*

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(11) **WO 98/22370** (13) A1

(21) PCT/US97/21079

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/753,221 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(31) 08/821,337 (32) **20 Mar/mar 1997 (20.03.1997)** (33) US

(31) 08/962,376 (32) **31 Oct/oct 1997 (31.10.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65D 85/57

(54) COMPACT DISC FOLDER BOOKLET
LIVRET POUR POCHETTE DE DISQUE COMPACT

(71) **GLENBARD GRAPHICS, INC.** [US/US]; 400 Fullerton Avenue, Carol Stream, IL 60208–0026 (US).

(72) **PETTEY, Thomas, J.**; 33 W 970 White Thorn Road, Wayne, IL 60204 (US).

(74) **BUFALINO, Angelo, J.**; Lockwood, Alex, Fitzgibbon & Cummings, 1700 Three First National Plaza, Chicago, IL 60602 (US).

(81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(11) **WO 98/22371** (13) A1

(21) PCT/JP97/04179

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) ja (26) ja

(31) 8/306211 (32) **18 Nov/nov 1996 (18.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65D 85/86, H05K 13/02

(54) COMPONENT HOLDER
SUPPORT POUR EQUIPEMENTS

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

(72, 75) **HIKITA, Osamu** [JP/JP]; 1–25–21, Taguchiyama, Hirakata–shi, Osaka 573 (JP). **KOSUGI, Satoshi** [JP/JP]; 103, Shinkai–Razaru Mukaino, 4–34, Mukainomachi, Takaoka–shi, Toyama 933 (JP). **MIYAZAKI, Masamitsu** [JP/JP]; 23–2, Miyukihigashimachi, Neyagawa–shi, Osaka 572 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3–7, Shiromi 1–chome, Chuo–ku, Osaka–shi, Osaka 540 (JP).

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

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(11) **WO 98/22372** (13) A1

(21) PCT/SE97/01920

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) sv (26) en

(31) 9604206–4 (32) **18 Nov/nov 1996 (18.11.1996)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65G 17/08, 15/54 // 21/18

(54) CONVEYOR BELT
BANDE TRANSPORTEUSE

(71) **FRIGOSCANDIA EQUIPMENT AB** [SE/SE]; P.O. Box 913, S–251 09 Helsingborg (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OLSSON, Lennart** [SE/SE]; Brovägen 21, S–260 41 Nyhmansläge (SE).

(74) **AWAPATENT AB**; P.O. Box 5117, S–200 71 Malmö (SE).

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

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(11) **WO 98/22373** (13) A1

(21) PCT/EP97/06284

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) de (26) de

(31) 196 47 763.8 (32) **19 Nov/nov 1996 (19.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65G 39/16

(54) DEVICE FOR CONTROLLING RECTILINEAL GUIDANCE OF A CONTINUOUS STRIP
DISPOSITIF DE COMMANDE DU MOUVEMENT RECTILIGNE D'UNE BANDE SANS FIN

(71) **SANTRADE LTD.** [CH/CH]; Alpenquai 12, CH–6002 Luzern (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FROESCHKE, Reinhard** [DE/DE]; Ulrichstrasse 69, D–71384 Weinstadt (DE).

(74) **WILHELM, Hans–H.**; Wilhelm & Dauster, Hospitalstrasse 8, D–70174 Stuttgart (DE).

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

Published / Publiée : *(c)*

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(11) **WO 98/22374** (13) A1

(21) PCT/CA97/00869

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 60/030,968 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65G 47/02, 19/02 // B65B 21/04, 21/18

(54) CONTAINER TRANSFER SYSTEM
SYSTEME DE TRANSFERT DE CONTENANTS

(71) **SEPTIMATECH GROUP INC.** [CA/CA]; Unit 7, 620 Weber Street North, Waterloo, Ontario N2J 3Z2 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FENTON, Peter, D.** [CA/CA]; 258 Albert Street, Waterloo, Ontario N2L 3T6 (CA). **KANOLD, John** [CA/CA]; 132 Westminster Drive South, Cambridge, Ontario N3H 1S8 (CA).

(74) **RUDOLPH, John, R.**; Gowling Strathy & Henderson, Suite 1020, 50 Queen Street North, Kitchener, Ontario N2H 6M2 (CA).

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

Published / Publiée : *(c)*

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(11) **WO 98/22375** (13) A1

(21) PCT/FI97/00698

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 964599 (32) **15 Nov/nov 1996 (15.11.1996)** (33) FI

(31) 974061 (32) **17 Mar/mar 1997 (17.03.1997)** (33) FI

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65G 63/02 // B61D 47/00

(54) METHOD AND ARRANGEMENT FOR TRANSPORTING ARTICLES
PROCEDE ET DISPOSITIF PERMETTANT DE TRANSPORTER DES ARTICLES

(71) **TECO–ENGINEERING OY** [FI/FI]; Urkupilli 3, FIN–12400 Tervakoski (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VÄNNINMAJA, Pekka** [FI/FI]; Touhulantie 3 E, FIN–12400 Tervakoski (FI).

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

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

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(11) **WO 98/22376** (13) A1

(21) PCT/EP97/05301

(22) **27 Sep/sep 1997 (27.09.1997)**

(25) de (26) de

(31) 296 19 911.7 (32) **18 Nov/nov 1996 (18.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65H 3/48, H05F 3/06

(54) DEVICE FOR FANNING OUT A PILE OF SHEET–SHAPED PRODUCTS, SUCH AS PAPER SHEETS OR THE LIKE
DISPOSITIF POUR METTRE EN EVENTAIL UNE PILE DE PRODUITS EN FEUILLES, TELS QUE FEUILLES DE PAPIER OU ANALOGUES

(71) **WEITMANN & KONRAD GMBH & CO. KG** [DE/DE]; Friedrich–List–Strasse 24, D–70771 Leinfelden–Echterdingen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MACK, Werner** [DE/DE]; Reiterweg 20, D–70794 Filderstadt (DE). **ENGELMANN, Horst** [DE/DE]; Teckstrasse 52, D–73207 Plochingen (DE). **TIPPELT, Martin** [DE/DE]; Mozartstrasse 32, D–71111 Waldenbuch (DE). **ZELFEL, Hans–Jürgen** [DE/DE]; Berlichingen 1, D–97084 Würzburg (DE). **ZIEGENBALG, Christian** [DE/DE]; Barthshügelstrasse 44, D–01689 Weinböhla (DE). **PREUSS, Karl** [DE/DE]; Leutfresserweg 32, D–97082 Würzburg (DE).

(74) **STEIMLE, Josef**; Dreiss, Fuhlendorf, Steimle & Becker, Gerokstrasse 6, D–70188 Stuttgart (DE).

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

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(11) **WO 98/22377** (13) A1

(21) PCT/DE97/00988

(22) **12 May/mai 1997 (12.05.1997)**

(25) de (26) de

(31) 296 20 232.0 (32) **21 Nov/nov 1996 (21.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65H 29/16, 20/06 // A41H 43/02

(54) GUIDE SYSTEM FOR TEXTILE GOODS
SYSTEME DE GUIDAGE DE TISSU POUR TEXTILES

(71) **CARL SCHMALE GMBH & CO.** [DE/DE]; Lindhorststrasse 12, D–48607 Ochtrup (DE).

(72) **REINDERS, Peter**; Kreuzweg 82, D–48607 Ochtrup (DE).

(74) **KÖCHLING, Conrad** et al. / etc.; Fleyer Strasse 135, D–58097 Hagen (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ 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 TJ TM TR TT UA UG UZ VN YU; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22378** (13) A1

(21) PCT/US97/11420

(22) **30 Jun/juin 1997 (30.06.1997)**

(25) en (26) en

(31) 08/753,321 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65H 39/02, 39/045

(54) COLLECTOR APPARATUS AND METHOD
APPAREIL COLLECTEUR ET PROCEDE

(71) **BELL & HOWELL MAIL PROCESSING SYSTEMS** [US/US]; Pinnacle Park, 4401 Silicon Drive, Durham, NC 27709 (US).

(72) **MOSER, James, R.**; 719 Arndt Road, Easton, PA 18040 (US). **DRISCOLL, James, N.**; 139 Sterling Drive, Perkasie, PA 18944 (US). **OTTO, Edward, M.**; 4700 Pheasant Run Court, Bethlehem, PA 18017 (US). **SKVORETZ, David, M.**; 1313 Atlas Lane, Northampton, PA 18067 (US).

(74) **WILSON, Jeffrey, L.**; Richard E. Jenkins, P.A., University Tower, Suite 1401, 3100 Tower Boulevard, Durham, NC 27707 (US).

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

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(11) **WO 98/22379** (13) A1

(21) PCT/US97/11477

(22) **30 Jun/juin 1997 (30.06.1997)**

(25) en (26) en

(31) 08/755,001 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65H 43/04

(54) ACCUMULATOR APPARATUS AND METHOD
APPAREIL ACCUMULATEUR ET PROCEDE

(71) **BELL & HOWELL MAIL PROCESSING SYSTEMS** [US/US]; Pinnacle Park, 4401 Silicon Drive, Durham, NC 27709 (US).

(72) **MOSER, James, R.**; 719 Arndt Road, Easton, PA 18040 (US). **DUDASH, Donald**; 27 Stonecroft Drive, Easton, PA 18045 (US). **FINNOCHIO, Richard, W.**; Route 3, Box 3020, Saylorsburg, PA 18353 (US). **LUSK, Frank, S.**; Mountain View Court, Box 164, Walnutport, PA 18088 (US).

(74) **WILSON, Jeffrey, L.**; Richard E. Jenkins, P.A., University Tower, Suite 1401, 3100 Tower Boulevard, Durham, NC 27707 (US).

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

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(11) **WO 98/22380** (13) A1

(21) PCT/US97/14982

(22) **26 Aug/Août 1997 (26.08.1997)**

(25) en (26) en

(31) 08/754,073 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B65H 43/04, 5/02

(54) COLLECTOR APPARATUS AND METHOD
APPAREIL COLLECTEUR ET PROCEDE

(71) **BELL & HOWELL MAIL PROCESSING SYSTEMS** [US/US]; Pinnacle Park, 4401 Silicon Drive, Durham, NC 27709 (US).

(72) **MOSER, James, R.**; 719 Arndt Road, Easton, PA 18040 (US). **SHANEBERGER, Jack, H.**; 583 Chroust Road, Bath, PA 18014 (US). **DUDASH, Donald**; 27 Stonecroft Drive, Easton, PA 18045 (US).

(74) **WILSON, Jeffrey, L.**; Richard E. Jenkins, P.A., University Tower, Suite 1401, 3100 Tower Boulevard, Durham, NC 27707 (US).

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

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(11) **WO 98/22381** (13) A1

(21) PCT/US97/21065

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/751,306 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B66B 13/30, E06B 7/14

(54) ELEVATOR HOISTWAY DOOR SEAL STRUCTURE AND DRAINAGE SYSTEM FOR A MULTIPLE LEVEL BUILDING
STRUCTURE DE JOINT D'ECHANCHEITE ET SYSTEME DE DRAINAGE POUR PORTE PALIERE D'ASCENSEUR DANS UN IMMEUBLE A PLUSIEURS ETAGES

(71, 72) **ALLEN, Thomas, H.** [US/US]; P.O. Box 2275, Boise, ID 83701 (US).

(74) **WOOLSTON, Robert, G.** et al. / etc.; Seed and Berry LLP, 6300 Columbia Center, 701 Fifth Avenue, Seattle, Washington 98104–7092 (US).

(81) AL AM AT AU BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22382** (13) A1

(21) PCT/JP96/03374

(22) **18 Nov/nov 1996 (18.11.1996)**

(25) ja (26) ja

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B66B 23/00

(54) PASSENGER CONVEYOR
ESCALIER MECANIQUE

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4–chome, Chiyoda–ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAITO, Chuichi** [JP/JP]; 847–67, Ichige, Hitachinaka–shi, Ibaraki 312 (JP). **TAKAHASHI, Tatsuhiko** [JP/JP]; 618–22, Sugaya, Naka–machi, Naka–gun, Ibaraki 311–01 (JP). **UTSUNOMIYA, Hirofumi** [JP/JP]; 2–3–1, Sasanocho, Hitachinaka–shi, Ibaraki 312 (JP).

(74) **OGAWA, Katsuo**; Hitachi, Ltd., 5–1, Marunouchi 1–chome, Chiyoda–ku, Tokyo 100 (JP).

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

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(11) **WO 98/22383** (13) A1

(21) PCT/JP96/03361

(22) **15 Nov/nov 1996 (15.11.1996)**

(25) ja (26) ja

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B66B 29/08, 23/12, 23/14

(54) ESCALATOR DEVICE
ESCALIER ROULANT

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4–chome, Chiyoda–ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAITOH, Chuichi** [JP/JP]; 847–67, Ichige, Hitachinaka–shi, Ibaraki 312 (JP). **IDE, Keigi** [JP/JP]; 2191–8, Kawarabuki, Ageo–shi, Saitama 362 (JP). **TAKAHASHI, Tatsuhiko** [JP/JP]; 618–22, Sugaya, Naka–machi, Naka–gun, Ibaraki 311–01 (JP). **TAKAGISHI, Yuuko** [JP/JP]; 12–43, Yoshizawacho, Mito–shi, Ibaraki 310 (JP).

(74) **OGAWA, Katsuo**; Hitachi, Ltd., 5–1, Marunouchi 1–chome, Chiyoda–ku, Tokyo 100 (JP).

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

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(11) **WO 98/22384** (13) A1

(21) PCT/BY97/00008

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) ru (26) ru

(31) 96I065 (32) **19 Nov/nov 1996 (19.11.1996)** (33) BY

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] B66D 1/00, 3/00, B60K 25/00

(54) HOIST DRIVEN BY THE TRANSFER GEARBOX OF A VEHICLE
TREUIL ENTRAINE PAR LA BOITE DE TRANSFERT D'UN VEHICULE

(71, 72) **KAMLJUK, Alexandr Konstantinovich** [BY/BY]; pr–t Partizansky, 137–24, Minsk, 220102 (BY).

(74) **PAVLOVSKY, Anatoly Nikolaevich**; Automobile Plant, Minsk, 220831 (BY).

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

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(11) **WO 98/22385** (13) A1

(21) PCT/US96/18749

(22) **22 Nov/nov 1996 (22.11.1996)**

(25) en (26) en

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C01B 3/24, C10J 3/57

(54) MOLTEN METAL REACTOR AND PROCESS
REACTEUR A BAIN DE METAL FONDU ET PROCEDE ASSOCIE

(71) **ASHLAND INC.** [US/US]; P.O. Box 391, Ashland, KY 41114 (US).

(72) **MALONE, Donald, P.**; Rt. 1, Box 110, Grayson, KY 41143 (US).

(74) **STONE, Richard, D.**; P.O. Box 391, BL–5, Ashland, KY 41114 (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 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; AP (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22386** (13) A1

(21) PCT/US97/19195

(22) **22 Oct/oct 1997 (22.10.1997)**

(25) en (26) en

(31) 08/744,853 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C01B 13/10

(54) A VEHICLE AND METHOD FOR STORING OZONE
VEHICULE ET PROCEDE DE STOCKAGE D'OZONE

(71) **QUANTUM TECHNOLOGIES, INC.** [US/US]; 1632 Enterprise Parkway, Twinsburg, OH 44087 (US).

(72) **YANT, Robert, E.**; 6849 River Styx Road, Medina, OH 44256 (US). **HURST, Marilyn, M.**; 1890 Stoney Hill Drive, Hudson, OH 44236 (US). **GALLUCH, David, B.**; 7211 Huntington Road, Hudson, OH 44236 (US).

(74) **CENTANNI, Michael, A.**; 7335 Beresford Avenue, Parma, OH 44130 (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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW NO NZ PL PT RO RU SD SE SG SI SK TJ TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22387** (13) A1

(21) PCT/US97/21141

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 60/031,355 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 60/031,672 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(31) 60/039,888 (32) **5 Mar/mar 1997 (05.03.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C01B 13/34, C01G 53/04, 45/02, 25/02

(54) NANOSTRUCTURED OXIDES AND HYDROXIDES AND METHODS OF SYNTHESIS THEREFOR
OXYDES ET HYDROXYDES NANOSTRUCTURES ET LEURS PROCEDES DE SYNTHESE

(71) **THE UNIVERSITY OF CONNECTICUT** [US/US]; Storrs, CT 06268 (US). **RUTGERS THE STATE UNIVERSITY OF NEW JERSEY** [US/US]; Piscataway, NJ 08855 (US).

(72) **XIAO, Tongsan, D.**; D106 Forest Park Apartment, West Road, Rocky Hill, CT 06067 (US). **STRUTT, Peter, R.**; 126 Clover Mill Road, Mansfield Center, CT 06250 (US). **KEAR, Bernard, H.**; 10 Campbell Brook Road, Whitehouse Station, NJ 08889 (US). **CHEN, Huimin**; Apartment 75, 1 Northwood Road, Storrs, CT 06269 (US). **WANG, Donald, M.**; Apartment 75, 1 Northwood Road, Storrs, CT 06269 (US).

(74) **REIMER, Leah, M.**; Fishman, Dionne, Cantor & Colburn, 88 Day Hill Road, Windsor, CT 06095 (US).

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

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(31) 8/324866 (32) **21 Nov/nov 1996 (21.11.1996)** (33) JP

(31) 8/342387 (32) **9 Dec/déc 1996 (09.12.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C01B 33/12, C01F 7/02, C09D 11/02, B41M 5/00, 5/40, D21H 19/38, 17/67

(54) MINUTE COMPOSITE INORGANIC POWDER AND USE THEREOF
POUDRE MINERALE COMPOSITE EXTREMEMENT FINE ET UTILISATION DE CETTE DERNIERE

(71) **OJI–YUKA SYNTHETIC PAPER CO., LTD.** [JP/JP]; 3, Kanda Surugadai 4–chome, Chiyoda–ku, Tokyo 101 (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 314–02 (JP). **YASUDA, Ayumu** [JP/JP]; 1–B4–209, Kourigaoka 3–chome, Hirakata–shi, Osaka 573 (JP). **KANBARA, Hajime** [JP/JP]; 4–25–102, Minamikasugaoka 6–chome, Ibaraki–shi, Osaka 567 (JP).

(74) **HAGINO, Taira** et al. / etc.; Eikoh Patent Office, ARK Mori Building, 28th floor, 12–32, Akasaka 1–chome, Minato–ku, Tokyo 107 (JP).

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

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(11) **WO 98/22389** (13) A1

(21) PCT/NO97/00306

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) no (26) en

(31) 964988 (32) **22 Nov/nov 1996 (22.11.1996)** (33) NO

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C01B 39/04, 39/20 // B01J 29/06

(54) METHOD FOR PRODUCTION OF HEXAGONAL FAUJASITE WITH LOW CONSUMPTION OF ORGANIC ADDITIVE, AND USE OF THIS AS A CATALYST FOR ALKYLATION
PROCEDE DE PREPARATION DE FAUJASITE HEXAGONALE AVEC UNE CONSOMMATION LIMITEE D'ADDITIF ORGANIQUE ET SON UTILISATION EN TANT QUE CATALYSEUR D'ALKYLATION

(71) **NYFOTEK AS** [NO/NO]; Postboks 124 Blindern, N–0314 Oslo (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WENDELBO, Rune** [NO/NO]; Peer Gyntsv. 2, N–0854 Oslo (NO). **STÖCKER, Michael** [NO/NO]; Huldreveien 33, N–1374 Borgen (NO). **JUNGGREEN, Hanne** [NO/NO]; Jansbergveien 7, N–0861 Oslo (NO). **MOSTAD, Helle, B.** [NO/NO]; Fossumhavene 47, N–1343 Eiksmarka (NO).

(74) **BENDIKSEN, Asbjørn**; Bryn & Aarflot A/S, P.O. Box 449 Sentrum, N–0104 Oslo (NO).

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

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(11) **WO 98/22390** (13) A1

(21) PCT/AU97/00786

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) PO 3762 (32) **20 Nov/nov 1996 (20.11.1996)** (33) AU

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C01F 7/06 // 7/46, 7/47, C01B 33/26

(54) REMOVAL OF SILICA FROM BAUXITE
PROCEDE POUR SEPARER LA SILICE DE LA BAUXITE

(71) **COMALCO ALUMINIUM LIMITED** [AU/AU]; 55 Collins Street, Melbourne, VIC 3000 (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). **CRISP, Anthony, John** [AU/AU]; 87 Broseley Road, Toowong, QLD 4066 (AU). **STAKER, Warren, Scott** [AU/AU]; 9 Winamurra Crescent, Thomastown, VIC 3074 (AU). **ROE, Gerard, Marcus** [AU/AU]; 3 Larne Grove, Preston, VIC 3072 (AU). **RODDA, Darren, Paul** [AU/AU]; 43 Sainsbury Avenue, Greensborough, VIC 3088 (AU).

(74) **GRIFFITH HACK**; 509 St. Kilda Road, Melbourne, VIC 3004 (AU).

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

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(11) **WO 98/22391** (13) A1

(21) PCT/FR97/02018

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) fr (26) fr

(31) 96/14058 (32) **19 Nov/nov 1996 (19.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C01F 17/00, C09C 3/06, C08K 3/30, C04B 14/36

(54) USE OF A BETA RARE EARTH SULPHIDE AS COLOURING PIGMENT AND METHOD FOR PREPARING SAME
UTILISATION COMME PIGMENT COLORANT D'UN SULFURE DE TERRE RARE DE FORME BETA ET SON PROCEDE DE PREPARATION

(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) **BUSNOT, Sylvain** [FR/FR]; 1, Grande Rue, F–60660 Maysel (FR). **MACAUDIERE, Pierre** [FR/FR]; 9, rue de l'Eglise, F–92600 Asnières–sur–Seine (FR).

(74) **DUBRUC, Philippe**; Rhodia Services, Direction de la propriété Industrielle, CRIT–Carrières, Boîte postale 62, F–69192 Saint–Fons Cedex (FR).

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

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(11) **WO 98/22392** (13) A1

(21) PCT/FR97/02071

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) fr (26) fr

(31) 96/14276 (32) **22 Nov/nov 1996 (22.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C01F 17/00, C01G 15/00, C04B 35/44, 35/01, G01N 27/407, H01M 8/12, B01J 4/04, B01D 71/02, C01B 13/02

(54) $LaMO_3$ TYPE COMPOSITION, M BEING ALUMINIUM, GALLIUM OR INDIUM, IN POWDER OR SINTERED FORM, METHOD OF PREPARATION AND USE AS CONDUCTOR OF OXYGEN
COMPOSE DU TYPE $LaMO_3$, M ETANT L'ALUMINIUM, LE GALLIUM OU L'INDIUM, SOUS FORME POUDRE OU SOUS FORME FRITTEE, SON PROCEDE DE PREPARATION ET SON UTILISATION EN TANT QUE CONDUCTEUR D'OXYGENE

(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) **MACAUDIERE, Pierre** [FR/FR]; 9, rue de l'Eglise, F–92600 Asnières–sur–Seine (FR). **SEGUELONG, Thierry** [FR/FR]; 8, rue du Rouget de L'Isle, F–92800 Puteaux (FR).

(74) **DUBRUC, Philippe**; Rhodia Services, 25, quai Paul Doumer, F–92408 Courbevoie (FR).

(81) AU CA CN JP KR NO RU SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22393** (13) A1

(21) PCT/DK97/00522

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) da (26) en

(31) 1289/96 (32) **15 Nov/nov 1996 (15.11.1996)** (33) DK

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C02F 1/00, 11/04, 1/44, C05F 3/00

(54) METHOD FOR SEPARATING ORGANIC WASTE
PROCEDE DE SEPARATION DE DECHETS ORGANIQUES

(71) **ENVOTECH A/S** [DK/DK]; Ellegaardvej 19, DK–6400 Soenderborg (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BASTHOLM, Jeppe, Christian** [DK/DK]; Ellegaardvej 19, DK–6400 Soenderborg (DK). **GRAMKOW, Asger** [DK/DK]; Gammelgaard 27, DK–6440 Augustenborg (DK).

(74) **PATRADE A/S**; Store Torv 1, DK–8000 Aarhus C (DK).

(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 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22394** (13) A1

(21) PCT/DK97/00521

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) da (26) en

(31) 1288/96 (32) **15 Nov/nov 1996 (15.11.1996)** (33) DK

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C02F 1/20, 1/04, B01D 19/00, 1/00, F25J 3/02

(54) METHOD AND APPARATUS FOR SEPARATING VOLATILE COMPONENTS FROM A LIQUID
PROCEDE ET DISPOSITIF DE SEPARATION DE CONSTITUANTS VOLATILS A PARTIR D'UN LIQUIDE

(71) **ENVOTECH A/S** [DK/DK]; Ellegaardvej 19, DK–6400 Soenderborg (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BASTHOLM, Jeppe, Christian** [DK/DK]; Ellegaardvej 19, DK–6400 Soenderborg (DK). **GRAMKOW, Asger** [DK/DK]; Gammelgaard 27, DK–6440 Augustenborg (DK).

(74) **PATRADE A/S**; Store Torv 1, DK–8000 Aarhus C (DK).

(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 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22395** (13) A1

(21) PCT/US97/20076

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 08/752,058 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C02F 1/26, B01D 11/04

(54) REMOVAL OF ACIDIC ORGANIC CONTAMINANTS FROM REFINERY WASTE WATER
ELIMINATION DES CONTAMINANTS ORGANIQUES ACIDES CONTENUS DANS DES EAUX USEES DE RAFFINERIE

(71) **MERICHEM COMPANY** [US/US]; 4800 Texas Commerce Tower, Houston, TX 77002 (US).

(72) **BRIENT, James, A.**; 3230 Robinson, Missouri City, TX 77459 (US).

(74) **CHRYSTAL, John, J.**; Ladas & Parry, 224 S. Michigan Avenue, Chicago, IL 60604 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22396** (13) A1

(21) PCT/US97/20931

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 60/031,053 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C02F 1/28, 1/42

(54) REMOVAL OF METAL IONS FROM AQUEOUS SOLUTION
ELIMINATION D'IONS METALLIQUES D'UNE SOLUTION AQUEUSE

(71) **THE BOARD OF REGENTS OF THE UNIVERSITY AND COMMUNITY COLLEGE SYSTEM OF NEVADA** [US/US]; Reno, NV 89557 (US).

(72) **FUERSTENAU, Maurice, C.**; 1721 Foster Drive, Reno, NV 89509 (US). **ZHONG, Kangnian**; Wuhan Institute of Chemical Technology, Wuhan 430073 (CN).

(74) **WINNER, Ellen, P.** et al. / etc.; Greenlee Winner and Sullivan, P.C., Suite 201, 5370 Manhattan Circle, Boulder, CO 80303 (US).

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

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(11) **WO 98/22397** (13) A1

(21) PCT/FR97/02036

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) fr (26) fr

(31) 96/14430 (32) **21 Nov/nov 1996 (21.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C02F 1/50, 1/68, 1/72

(54) METHOD FOR TREATING WATER IN PARTICULAR OF A SWIMMING POOL AND DISINFECTANT COMPOSITION

PROCEDE DE TRAITEMENT D'EAU NOTAMMENT DE PISCINE ET COMPOSITION DESINFECTANTE

(71) **GACHES CHIMIE SPECIALITES** [FR/FR]; Zone Industrielle Thibaud, 8, rue Labouche, F–31084 Toulouse Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GACHES, Pierre** [FR/FR]; 6, rue Fourquevaux, F–31400 Toulouse (FR). **GACHES, Louis** [FR/FR]; 13, rue Monplaisir, F–31400 Toulouse (FR).

(74) **CABINET BARRE LAFORGUE & ASSOCIES**; 95, rue des Amidonniers, F–31000 Toulouse (FR).

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

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(11) **WO 98/22398** (13) A1

(21) PCT/US97/16291

(22) **16 Sep/sep 1997 (16.09.1997)**

(25) en (26) en

(31) 08/749,368 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C02F 1/52

(54) METHODS FOR SLUDGE DEWATERING
TECHNIQUES DE DESHYDRATATION DES BOUES

(71) **BETZDEARBORN INC.** [US/US]; 4636 Somerton Road, P.O. Box 3002, Trevose, PA 19053–6783 (US).

(72) **VASCONCELLOS, Stephen, R.**; 4111 Enders Way, Doylestown, PA 18901 (US). **WOOD, Michael, R.**; 3321 Fuller Street, Philadelphia, PA 19136 (US). **BELL, Kimberly, A.**; Apartment U–10, 1501 Little Gloucester Road, Blackwood, NJ 08012 (US).

(74) **VON NEIDA, Philip, H.** et al. / etc.; BetzDearborn Inc., 4636 Somerton Road, P.O. Box 3002, Trevose, PA 19053–6783 (US).

(81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU ID 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 UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) PR96A000044 (32) **19 Nov/nov 1996 (19.11.1996)** (33) IT

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C03B 11/14, 9/31

(54) METHOD FOR AUTOMATICALLY FORMING A GLASS CONTAINER WITH A BOTTOM CONTAINING A GOB OF GLASS INCORPORATING DECORATIVE BUBBLES
PROCEDE DE FABRICATION AUTOMATISEE DE RECIPIENT EN VERRE DONT LE FOND COMPORTE UN CUL EN VERRE RENFERMANT DES BULLES DECORATIVES

(71) **BORMIOLI ROCCO & FIGLIO S.P.A.** [IT/IT]; Via San Leonardo, 41, I–43100 Parma (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DI GIUSEPPANTONIO, Vincenzo** [IT/IT]; Via Berenini, 67, I–43036 Fidenza (IT). **DAVOLI, Ivano** [IT/IT]; Via Costa Morini, 25, I–43050 Costamezzana (IT). **MENTA, Claudio** [IT/IT]; Via Gershwin, 15, I–43011 Busseto (IT).

(74) **GOTRA, Stefano**; Bugnion S.p.A, Via Garibaldi, 22, I–43100 Parma (IT).

(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 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22400** (13) A1

(21) PCT/JP97/04236

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) ja (26) ja

(31) 8/326204 (32) **21 Nov/nov 1996 (21.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C03B 23/023

(54) METHOD OF AND APPARATUS FOR BENDING GLASS PLATE
PROCEDE ET APPAREIL PERMETTANT DE CINTRER UNE PLAQUE DE VERRE

(71) **ASAHI GLASS COMPANY LTD.** [JP/JP]; 1–2, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YOSHINO, Kohei** [JP/JP]; Asahi Glass Company Ltd. Aichi Kojo, No. 1, Aza–Asahi, Taketoyo–cho, Chita–gun, Aichi 470–23 (JP). **MAEDA, Kenji** [JP/JP]; Asahi Glass Company Ltd. Aichi Kojo, No. 1, Aza–Asahi, Taketoyo–cho, Chita–gun, Aichi 470–23 (JP). **KAWAGUCHI, Tsuyoshi** [JP/JP]; Asahi Glass Company Ltd. Aichi Kojo, No. 1, Aza–Asahi, Taketoyo–cho, Chita–gun, Aichi 470–23 (JP). **TSUCHIYA, Masahiro** [JP/JP]; Asahi Glass Company Ltd. Aichi Kojo, No. 1, Aza–Asahi, Taketoyo–cho, Chita–gun, Aichi 470–23 (JP). **KAJIKAWA, Tomio** [JP/JP]; Asahi Glass Company Ltd. Aichi Kojo, No. 1, Aza–Asahi, Taketoyo–cho, Chita–gun, Aichi 470–23 (JP).

(74) **OGAWA, Toshiharu** et al. / etc.; Torimoto Kogyo Building, 38, Kanda–Higashimatsushitacho, Chiyoda–ku, Tokyo 101 (JP).

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

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(11) **WO 98/22401** (13) A1

(21) PCT/RU97/00355

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) ru (26) ru

(31) 96122192 (32) **19 Nov/nov 1996 (19.11.1996)** (33) RU

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C03B 37/02

(54) METHOD FOR PRODUCING BASALTIC FIBRES AND DEVICE FOR REALISING THE SAME
PROCEDE DE FABRICATION DE FIBRES DE BASALTE ET DISPOSITIF PREVU A CET EFFET

(71) **DOMANOV, Gennady Panteleimonovich** [RU/RU]; ul. Smolnaya, 37–51, Moscow, 125195 (RU). **KUKUSHKIN, Vadim Henrikovich** [RU/RU]; Furmanny per., 15–7, Moscow, 110113 (RU). **MOVSHOVICH, Eduard Borisovich** [RU/RU]; pr. Vernadskogo, 113–179, Moscow, 117571 (RU).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **ASLANOVA, Ljudmila Grigorievna** [RU/RU]; ul. Ferganskaya, 16–1–67, Moscow, 109444 (RU).

(74) **GRUNINA, Alla Efimovna**; a/ya 15, Moscow, 121165 (RU).

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

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(11) **WO 98/22402** (13) A1

(21) PCT/JP97/04237

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) ja (26) ja

(31) 8/309534 (32) **20 Nov/nov 1996 (20.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C03B 40/04

(54) METHOD OF FORMING BOX–SHAPED GLASS MOLDINGS
PROCEDE DE FABRICATION D'OBJETS EN VERRE MOULES EN FORME DE BOITE

(71) **ASAHI GLASS COMPANY LTD.** [JP/JP]; 1–2, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOJIMA, Gen** [JP/JP]; Asahi Glass Company Ltd. Chuo Kenkyusho, 1150, Hazawa–cho, Kanagawa–ku, Yokohama–shi, Kanagawa 221 (JP). **KOYAMA, Tsutomu** [JP/JP]; Asahi Glass Company Ltd. Chuo Kenkyusho, 1150, Hazawa–cho, Kanagawa–ku, Yokohama–shi, Kanagawa 221 (JP). **KUSTHITANI, Hideki** [JP/JP]; Asahi Glass Company Ltd. Chuo Kenkyusho, 1150, Hazawa–cho, Kanagawa–ku, Yokohama–shi, Kanagawa 221 (JP). **SEHGAL, Jeetendra** [JP/JP]; Asahi Glass Company Ltd. Chuo Kenkyusho, 1150, Hazawa–cho, Kanagawa–ku, Yokohama–shi, Kanagawa 221 (JP). **YOSHITAKE, Masaru** [JP/JP]; Asahi Glass Company Ltd. Chuo Kenkyusho, 1150, Hazawa–cho, Kanagawa–ku, Yokohama–shi, Kanagawa 221 (JP).

(74) **OGAWA, Toshiharu** et al. / etc.; Torimoto Kogyo Building, 38, Kanda–Higashimatsushitacho, Chiyoda–ku, Tokyo 101 (JP).

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

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(11) **WO 98/22403** (13) A1

(21) PCT/JP97/04180

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) ja (26) ja

(31) 8/310450 (32) **21 Nov/nov 1996 (21.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C03C 3/087

(54) FIREPROOF FLAT GLASS
VERRE PLAT A L'EPREUVE DU FEU

(71) **NIPPON SHEET GLASS CO., LTD.** [JP/JP]; 5–11, Doshomachi 3–chome, Chuo–ku, Osaka–shi, Osaka 541 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUGIURA, Kiminari** [JP/JP]; Nippon Sheet Glass Co., Ltd., 5–11, Doshomachi 3–chome, Chuo–ku, Osaka–shi, Osaka 541 (JP). **KOYAMA, Akihiro** [JP/JP]; Nippon Sheet Glass Co., Ltd., 5–11, Doshomachi 3–chome, Chuo–ku, Osaka–shi, Osaka 541 (JP). **YOSHII, Tetsuro** [JP/JP]; Nippon Sheet Glass Co., Ltd., 5–11, Doshomachi 3–chome, Chuo–ku, Osaka–shi, Osaka 541 (JP).

(74) **KITAMURA, Osamu** et al. / etc.; 8–1, Toyosaki 5–chome, Kita–ku, Osaka–shi, Osaka 531 (JP).

(81) CN KR SG US.

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(11) **WO 98/22404** (13) A1

(21) PCT/US97/20789

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/751,402 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C03C 8/00, 8/20

(54) LOW TEMPERATURE SEALING GLASS
VERRE DE SCELLEMENT UTILISABLE A BASSE TEMPERATURE

(71) **TECHNEGLAS, INC.** [US/US]; 25875 State Route 25, 52 LDP, Perrysburg, OH 43551 (US).

(72) **BOBINSKI, Jon**; 384 South River Road, Waterville, OH 43566 (US).

(74) **JACQUES, Laurie, N.** et al. / etc.; Porter, Wright, Morris & Arthur, 41 South High Street, Columbus, OH 43215 (US).

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

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(11) **WO 98/22405** (13) A1

(21) PCT/US97/20434

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 60/031,662 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C03C 10/02, 10/04, 10/14

(54) β–QUARTZ–BASED GLASS–CERAMICS
VITROCERAMIQUE A BASE DE QUARTZ β

(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) **BEALL, George, H.** [CA/US]; 106 Woodland Drive, Big Flats, NY 14814 (US). **PINCKNEY, Linda, R.** [US/US]; 1546 Caton Road, Corning, NY 14830 (US).

(74) **HERZFELD, Alexander, R.**; Corning Incorporated, Patent Dept., SP FR 02–12, Corning, NY 14831 (US).

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

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(11) **WO 98/22406** (13) A1

(21) PCT/IB97/01204

(22) **3 Oct/oct 1997 (03.10.1997)**

(25) en (26) en

(31) 96203270.2 (32) **21 Nov/nov 1996 (21.11.1996)** (33) EP

(34) NL et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C03C 17/06, C25D 3/46 // H05K 1/09, 3/10

(54) METHOD OF APPLYING A SILVER LAYER TO A GLASS SUBSTRATE
PROCEDE D'APPLICATION D'UNE COUCHE D'ARGENT SUR UN SUBSTRAT EN VERRE

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

(71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **BLEES, Martin, Hillebrand**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **VAN WEERT, Antonius, Arnoldus, Marinus**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **STOLK, Steven, A.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

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

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(11) **WO 98/22407** (13) A1

(21) PCT/IB96/01365

(22) **15 Nov/nov 1996 (15.11.1996)**

(25) de (26) de

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C04B 7/42

(54) METHOD FOR PRODUCING CEMENT
PROCEDE DE PRODUCTION DE CIMENT

(71) **HOLDERCHEM HOLDING AG** [CH/CH]; Baumackerstrasse 24, CH–8050 Zürich (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AKSTINAT, Manfred** [DE/CH]; Gubelstrasse 19, CH–8050 Zürich (CH). **SUTER, Willi** [CH/CH]; Dorfstrasse 15, CH–5233 Stilli (CH).

(74) **HAFFNER, Thomas, M.**; Schottengasse 3a, A–1014 Wien (AT).

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

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(11) **WO 98/22408** (13) A1

(21) PCT/US96/18613

(22) **20 Nov/nov 1996 (20.11.1996)**

(25) en (26) en

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C04B 14/04

(54) LITHIUM BEARING ORES IN CONCRETE AND CEMENT
MINERAIS CONTENANT DU LITHIUM DANS LE BETON ET LE CIMENT

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

(72, 75) **STOKES, David, B.** [US/US]; 501 Richards Drive, Shelby, NC 28150 (US). **FOLTZ, Gary, Earl** [US/US]; 230 Mockingbird Lane, McAdenville, NC 28101 (US).

(74) **KENNEDY, Robert, M.**; FMC Corporation, 1735 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 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 (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22409** (13) A1

(21) PCT/US97/22072

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 60/031,188 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C04B 35/057, 35/45, H01B 12/00

(54) Ba–Ca–Cu–O COMPOSITIONS SUPERCONDUCTING AT UP TO 126K AND METHODS FOR MAKING SAME
COMPOSITIONS A BASE DE Ba–CA–Cu–O SUPRACONDUCTRICES JUSQU'A 126 K ET LEURS PROCEDES DE PRODUCTION

(71) **UNIVERSITY OF HOUSTON – UNIVERSITY PARK** [US/US]; 4800 Calhoun, Houston, TX 77204–2162 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHU, Ching–Wu** [US/US]; 8010 Harbor Point Drive, Houston, TX 77071 (US). **DU, Zhong, L.** [CN/US]; 4463 North MacGregor Way, Houston, TX 77004 (US). **XUE, Yu–Yi** [CN/US]; 8123 Lorrie Drive, Houston, TX 77025 (US).

(74) **HEWITT, Lester, L.** et al. / etc.; Pravel, Hewitt, Kimball & Krieger, 10th floor, 1177 West Loop South, Houston, TX 77027 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22410** (13) A1

(21) PCT/IT97/00275

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) RM96A000782 (32) **15 Nov/nov 1996 (15.11.1996)** (33) IT

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C04B 35/195, 35/622, B09B 3/00

(54) PROCESS FOR PRODUCING CERAMIC–TYPE MATERIALS BY PROCESSING WASTE CONTAINING ASBESTOS AND CLAY
PROCEDE DE PRODUCTION DE MATERIAUX DU TYPE CERAMIQUE PAR TRAITEMENT DE DECHETS CONTENANT DE L'AMIANTE ET DE L'ARGILE

(71) **CONSIGLIO NAZIONALE DELLE RICERCHE** [IT/IT]; Piazzale Aldo Moro, 7, I–00185 Roma (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PLESCIA, Paolo** [IT/IT]; Via Appia Antica, 61, I–00179 Roma (IT). **MACCARI, Dante** [IT/IT]; Via Arbe, 51, I–20125 Milano (IT). **MARABINI, Anna, Maria** [IT/IT]; Via Vigne di Colle Pisano, 10, I–00044 Frascati (IT). **BELARDI, Girolamo** [IT/IT]; Via Gabrio Casati, 43, I–00139 Roma (IT).

(74) **CAVATTONI, Fabio** et al. / etc.; Cavattoni – Raimondi, Viale dei Parioli, 160, I–00197 Roma (IT).

(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 MN MX NO NZ PL RO SG SI SK SL TM TR TT UA US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22411** (13) A1

(21) PCT/JP97/04030

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) ja (26) ja

(31) 8/309556 (32) **20 Nov/nov 1996 (20.11.1996)** (33) JP

(31) 9/4933 (32) **14 Jan/jan 1997 (14.01.1997)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C04B 35/46

(54) BARIUM TITANATE–BASE SEMICONDUCTING CERAMIC COMPOSITION
COMPOSITION CERAMIQUE SEMI–CONDUCTRICE A BASE DE BARYUM ET DE TITANATE

(71) **MURATA MANUFACTURING CO., LTD.** [JP/JP]; 26–10, Tenjin 2–chome, Nagaokakyo–shi, Kyoto–fu 617 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAKIHARA, Satoshi** [JP/JP]; Murata Manufacturing Co., Ltd., 26–10, Tenjin 2–chome, Nagaokakyo–shi, Kyoto–fu 617 (JP). **HIROTA, Toshiharu** [JP/JP]; Murata Manufacturing Co., Ltd., 26–10, Tenjin 2–chome, Nagaokakyo–shi, Kyoto–fu 617 (JP). **NABIKA, Yasuhiro** [JP/JP]; Murata Manufacturing Co., Ltd., 26–10, Tenjin 2–chome, Nagaokakyo–shi, Kyoto–fu 617 (JP). **YAMAMOTO, Noriyuki** [JP/JP]; Murata Manufacturing Co., Ltd., 26–10, Tenjin 2–chome, Nagaokakyo–shi, Kyoto–fu 617 (JP).

(81) CN KR US; EP (DE FR GB IT NL).

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(11) **WO 98/22412** (13) A1

(21) PCT/EP97/06328

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) de (26) de

(31) 196 47 582.1 (32) **18 Nov/nov 1996** (33) DE **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07B 37/04 // C07C 67/343, 69/618

(54) PROCESS FOR PREPARING AROMATIC OLEFINS BY USING PALLADAPHOSPHACYCLOBUTANES AS CATALYSTS
PROCEDE DE PREPARATION D'OLEFINES AROMATIQUES PAR CATALYSE AU MOYEN DE PALLADAPHOSPHACYCLOBUTANES

(71) **HOECHST RESEARCH & TECHNOLOGY DEUTSCHLAND GMBH & CO. KG** [DE/DE]; Brüningstrasse 50, D–65926 Frankfurt am Main (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GEISSLER, Holger** [DE/DE]; Uferstrasse 29, D–55116 Mainz (DE). **GROSS, Peter** [DE/DE]; Gottfried–Kellerstrasse 2, D–65451 Kelsterbach (DE). **GUCKES, Bianca** [DE/DE]; Ringstrasse 14, D–65529 Waldems (DE). **KLIMPEL, Michael** [DE/DE]; Olympiaring 61, D–83435 Bad Reichenhall (DE).

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

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(11) **WO 98/22413** (13) A1

(21) PCT/US97/21629

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/754,338 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(31) 08/756,105 (32) **25 Nov/nov 1996 (25.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07C 17/20, C07B 39/00, C07C 25/00, C07F 3/02, 5/02

(54) HALOGEN EXCHANGE REACTIONS AND USES THEREOF
REACTIONS DE SUBSTITUTION D'HALOGENES ET LEURS UTILISATIONS

(63) US 08/754,338 (CIP)
22 Nov/nov 1996 (22.11.1996)
US 08/756,105 (CIP)
25 Nov/nov 1996 (25.11.1996)

(71) **ALBEMARLE CORPORATION** [US/US]; 451 Florida Street, Baton Rouge, LA 70801–1780 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BILDINOV, Igor** [RU/RU]; ul. Voronezhskaya, 17a–79, Perm, 614034 (RU). **PODSEVALOV, Pavel** [RU/RU]; ul. Voronezhskaya, 17a–76, Perm, 614034 (RU). **NAZARENKO, Tatjana** [RU/RU]; ul. Panfilova, 8b–6, Perm, 614034 (RU). **DEEV, Leonid** [RU/RU]; ul. Panfilova, 10–105, Perm, 614034 (RU). **OWENS, David, W.** [US/US]; 610 Woodruff Drive, Baton Rouge, LA 70808 (US). **BALHOFF, John, F.** [US/US]; 2816 Dakin Avenue, Baton Rouge, LA 70820 (US).

(74) **PIPPENGER, Philip, M.** et al. / etc.; Albemarle Corporation, 451 Florida Street, Baton Rouge, LA 70801–1780 (US).

(81) CA CN JP US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22414** (13) A1

(21) PCT/US97/20291

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 60/031,092 (32) **21 Nov/nov 1996** (33) US **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07C 17/25, 21/18

(54) THE CATALYTIC MANUFACTURE OF VINYL FLUORIDE
FABRICATION CATALYTIQUE DE FLUOROETHENE

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAPPA, Mario, Joseph** [US/US]; 3 Oakridge Court, Newark, DE 19711 (US). **RAO, V., N., Mallikarjuna** [US/US]; 1 Georgetown Avenue, Wilmington, DE 19809 (US).

(74) **HEISER, David, E.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

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

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(11) **WO 98/22415** (13) A1

(21) PCT/EP97/06479

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) de (26) de

(31) 196 47 892.8 (32) **20 Nov/nov 1996** (33) DE **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07C 29/143, 33/20

(54) ENANTIOSELECTIVE CATALYTIC REDUCTION OF KETONES
REDUCTION CATALYTIQUE ENANTIOSELECTIVE DE KETONES

(71) **DEGUSSA AKTIENGESELLSCHAFT** [DE/DE]; Weissfrauenstrasse 9, D–60311 Frankfurt (DE).
(only for / seulement pour AT BE CA CH DE DK ES FI FR GB GR IE IL IT JP KR LU MC NL PT SE)

(71) **FORSCHUNGSZENTRUM JÜLICH GMBH** [DE/DE]; D–52425 Jülich (DE).
(only for / seulement pour AT BE CH DE DK ES FI FR GB GR IE IT JP LU MC NL PT SE)

(72, 75) **GIFFELS, Guido** [DE/DE]; Marienburgstrasse 26, D–53757 St. Augustin (DE). **FELDER, Marcel** [CH/DE]; Ulmenweg 5 a, D–52428 Jülich (DE). **KRAGL, Udo** [DE/DE]; Artilleriestrasse 48, D–52428 Jülich (DE). **WANDREY, Christian** [DE/DE]; Wolfshovener Strasse 139, D–52428 Jülich (DE). **DRAUZ, Karlheinz** [DE/DE]; Zur Marienruhe 13, D–63579 Freigericht (DE). **BOMMARIUS, Andreas** [DE/DE]; Waidmannstrasse 7–9, D–60596 Frankfurt (DE). **BOLM, Carsten** [DE/DE]; Nizzaallee 44, D–52072 Aachen (DE). **DERRIEN, Nadine** [FR/GB]; Flat 2, 17 Norwich Road, Liverpool L15 9HL (GB).

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

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(11) **WO 98/22416** (13) A1

(21) PCT/HU97/00073

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) P 96 03179 (32) **18 Nov/nov 1996** (33) HU **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07C 41/09, 41/16, 43/215, 43/225, 43/23, C07D 317/54

(54) PROCESS FOR THE PREPARATION OF BENZYL–ETHERS
PROCEDE DE PREPARATION D'ETHERS DE BENZYLE

(71) **CHINOIN GYÓGYSZER ÉS VEGYÉSZETI TERMÉKEK GYÁRA RT.** [HU/HU]; Tó u. 1–5, H–1045 Budapest (HU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ÁRVAI, Géza** [HU/HU]; Róbert K. krt. 20, H–1138 Budapest (HU). **BERTÓK, Béla** [HU/HU]; Rizling u. 16, H–1223 Budapest (HU). **KURUCZNÉ RIBAI, Zsuzsanna** [HU/HU]; Emõke u. 1/b, H–2030 Érd (HU). **PAP, László** [HU/HU]; Gyöngyvirág u. 23, H–2030 Érd (HU). **SZÉKELY, István** [HU/HU]; Krajcár u. 6, H–2120 Dunakeszi (HU).

(74) **CHINOIN GYÓGYSZER ÉS VEGYÉSZETI TERMÉKEK GYÁRA RT.**; Tó u. 1–5, H–1045 Budapest (HU).

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

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(11) **WO 98/22417** (13) A1

(21) PCT/HU97/00074

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) P 96 03178 (32) **18 Nov/nov 1996** (33) HU **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07C 41/16, C07D 317/54, C07C 43/215, 43/225, 43/205

(54) PROCESS FOR THE PREPARATION OF BENZYL–ETHERS BY USE OF PHASE TRANSFER
PROCEDE DE PREPARATION D'ETHERS DE BENZYLE PAR TRANSFERT DE PHASE

(71) **CHINOIN GYÓGYSZER ÉS VEGYÉSZETI TERMÉKEK GYÁRA RT.** [HU/HU]; Tó u. 1–5, H–1045 Budapest (HU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ÁRVAI, Géza** [HU/HU]; Róbert K. krt. 20, H–1138 Budapest (HU). **BERTÓK, Béla** [HU/HU]; Rizling u. 16, H–1223 Budapest (HU). **KURUCZNÉ RIBAI, Zsuzsanna** [HU/HU]; Emöke u. 1/b, H–2030 Érd (HU). **PAP, László** [HU/HU]; Gyöngyvirág u. 23, H–2030 Érd (HU). **SZÉKELY, István** [HU/HU]; Krajcár u. 6, H–2120 Dunakeszi (HU).

(74) **CHINOIN GYÓGYSZER ÉS VEGYÉSZETI TERMÉKEK GYÁRA RT.**; Tó u. 1–5, H–1045 Budapest (HU).

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

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(11) **WO 98/22418** (13) A1

(21) PCT/US97/18055

(22) **7 Oct/oct 1997 (07.10.1997)**

(25) en (26) en

(31) 08/755,528 (32) **20 Nov/nov 1996** (33) US **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07C 43/23, A61K 31/085, 31/10, 31/05, C07C 323/20, 39/19, 69/035, 69/353

(54) SUBSTITUTED PHENOLS AND THIOPHENOLS USEFUL AS ANTIOXIDANT AGENTS
PHENOLS ET THIOPHENOLS SUBSTITUES UTILISES COMME AGENTS ANTIOXYDANT

(71) **HOECHST MARION ROUSSEL, INC.** [US/US]; 2110 East Galbraith Road, P.O. Box 156300, Cincinnati, OH 45215–6300 (US).

(72) **PARKER, Roger, A.**; 480 Meadowcrest Road, Cincinnati, OH 45231 (US). **WRIGHT, Paul, S.**; 9332 Hunters Creek Drive, Cincinnati, OH 45242 (US). **BUSCH, Steven, J.**; 8820 Brook Knoll Drive, West Chester, OH 45069 (US). **CHEN, Kim, S.**; Apartment #2M, 111 West Pennsylvania Avenue, San Diego, CA 92103 (US). **YATES, Mark, T.**; Building 9, Apartment #280A, 3805 Greenbrier Boulevard, Ann Arbor, MI 48105 (US).

(74) **STEMERICK, David, M.**; Hoechst Marion Roussel, Inc., P.O. Box 156300, 2110 East Galbraith Road, Cincinnati, OH 45215–6300 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 96/14275 (32) **22 Nov/nov 1996** (33) FR **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07C 45/67, 45/38, 51/255, 41/30, 37/20, 47/575, 47/58

(54) METHOD FOR PREPARING A 4–HYDROXYBENZALDEHYDE AND DERIVATIVES
PROCEDE DE PREPARATION D'UN 4–HYDROXYBENZALDEHYDE ET DERIVES

(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) **METIVIER, Pascal** [FR/FR]; 29, allée des Frênes, F–69110 Sainte Foy lès Lyon (FR).

(74) **DUTRUC–ROSSET, Marie–Claude**; Rhodia Services, Direction de la Propriété Industrielle, CRIT–Carrières, Boîte postale 62, F–69192 Saint–Fons Cedex (FR).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22420** (13) A1

(21) PCT/GB97/03078

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 08/752,330 (32) **19 Nov/nov 1996** (33) US **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07C 51/12, 51/44, 51/493, 53/08

(54) PROCESS FOR THE PRODUCTION OF ACETIC ACID
PROCEDE DE PRODUCTION D'ACIDE ACETIQUE

(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) **WATSON, Derrick, John** [GB/GB]; Glenfield, Edenfield Estate, Hornsea, East Yorkshire HU18 1UE (GB). **WILLIAMS, Bruce, Leo** [GB/GB]; Fairhaven, 36 Stockbridge Road, Elloughton, East Yorkshire HU15 1HN (GB). **MUSKETT, Michael, James** [GB/GB]; 23 Denton Street, Beverley, East Yorkshire HU17 0PX (GB). **SMITH, Stephen, James** [GB/GB]; 6 Park Lane, Cottingham, East Yorkshire HU16 5RD (GB). **NGUYEN, Chuc, Tu** [US/US]; 15915 Windom Drive, Webster, TX 77958 (US). **BAKER, Larry, Irvin** [US/US]; 122 6th Avenue North, Texas City, TX 77590 (US).

(74) **HOEY, Shona**; Group Patents & Agreements, BP International Limited, Chertsey Road, Sunbury on Thames, Middlesex TW16 7LN (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 8/304502 (32) **15 Nov/nov 1996** (33) JP **(15.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07C 57/05, 255/08, 253/24

(54) PROCESS FOR THE SIMULTANEOUS PREPARATION OF ACRYLONITRILE AND ACRYLIC ACID
PROCEDE D'ELABORATION SIMULTANEE D'ACRYLONITRILE ET D'ACIDE ACRYLIQUE

(71) **MITSUBISHI CHEMICAL CORPORATION** [JP/JP]; 5–2, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAYOU, Atsushi** [JP/JP]; Mitsubishi Chemical Corporation Mizushima Plant, 10, Ushiodori 3–chome, Kurashiki–shi, Okayama 712 (JP). **IHARA, Tatsuya** [JP/JP]; Mitsubishi Chemical Corporation Mizushima Plant, 10, Ushiodori 3–chome, Kurashiki–shi, Okayama 712 (JP).

(74) **HASEGAWA, Koji**; Mitsubishi Chemical Corporation, 5–2, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100 (JP).

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

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(11) **WO 98/22422** (13) A1

(21) PCT/JP97/04256

(22) **21 Nov/nov 1997 (21.11.1997)**

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(31) 8/312244 (32) **22 Nov/nov 1996** (33) JP **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07C 59/135, 51/62

(54) PROCESS FOR THERMAL DECOMPOSITION OF HEXAFLUOROPROPYLENE OXIDE OLIGOMERS
PROCEDE DE DECOMPOSITION THERMIQUE DES OLIGOMERES D'OXYDE D'HEXAFLUOROPROPYLENE

(71) **DAIKIN INDUSTRIES LTD.** [JP/JP]; Umeda Center Building, 4–12, Nakazaki–nishi 2–chome, Kita–ku, Osaka–shi, Osaka 530 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MORITA, Shigeru** [JP/JP]; Yodogawa Works of Daikin Industries Ltd., 1–1, Nishihitotsuya, Settsu–shi, Osaka 566 (JP). **AMANO, Toshihiko** [JP/JP]; Daikin Finechemical Laboratory, Ltd., 1–1, Nishihitotsuya, Settsu–shi, Osaka 566 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3–7, Shiromi 1–chome, Chuo–ku, Osaka–shi, Osaka 540 (JP).

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

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(11) **WO 98/22423** (13) A1

(21) PCT/FR97/02063

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) fr (26) fr

(31) 96/14098 (32) **19 Nov/nov 1996 (19.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07C 59/84, A61K 31/19, 31/215, 7/00, C07C 33/38, 47/238, 69/618, 233/11, 239/18, 251/48, 323/62, C07D 295/185, 339/08

(54) BI–AROMATIC COMPOUNDS, PHARMACEUTICAL AND COSMETIC COMPOSITIONS CONTAINING SAME AND USES
COMPOSES BIAROMATIQUES, COMPOSITIONS PHARMACEUTIQUES ET COSMETIQUES LES CONTENANT ET UTILISATIONS

(71) **CENTRE INTERNATIONAL DE RECHERCHES DERMATOLOGIQUES GALDERMA (C.I.R.D. GALDERMA)** [FR/FR]; Sophia Antipolis, 635, route des Lucioles, F–06560 Valbonne (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERNARDON, Jean–Michel** [FR/FR]; 21, chemin Plan Bergier, F–06650 Le Rouret (FR). **DIAZ, Philippe** [FR/FR]; Le Jardin de Saint–Antoine, 241, route de Saint–Antoine, F–06200 Nice (FR).

(74) **TEZIER HERMAN, Béatrice**; L'Oréal – D.P.P., 90, rue du Gal Roguet, F–92583 Clichy Cedex (FR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 60/031,070 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07C 67/347, 69/533

(54) CROSS–DIMERIZATION OF OLEFINS
DIMERISATION CROISEE D'OLEFINES

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) **BROOKHART, Maurice, S.**; 944 Old Orchard Road, Chapel Hill, NC 27514 (US). **HAUPTMAN, Elisabeth, Muriel**; 2106–B Haven Road, Wilmington, DE 19809 (US).

(74) **SIEGELL, Barbara, C.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22425** (13) A1

(21) PCT/EP97/06100

(22) **5 Nov/nov 1997 (05.11.1997)**

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(31) 196 47 615.1 (32) **18 Nov/nov 1996 (18.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07C 209/00, 211/40, C07D 209/52

(54) METHOD FOR PREPARING CYCLOPROPYLAMINES
PROCEDE DE PREPARATION DE CYCLOPROPYLAMINES

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

(72, 75) **DE MEIJERE, Armin** [DE/DE]; Brombeerweg 13, D–37077 Göttingen (DE). **CHAPLINSKI, Vladimir** [RU/US]; 107 Palo Verde Terrace, Santa Cruz, CA 95060 (US). **KOURDIOUKOV, Alexandre** [DE/DE]; Theodor–Heuss–Strasse 26, D–37075 Göttingen (DE).

(74) **BAYER AKTIENGESELLSCHAFT**; D–51368 Leverkusen (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 9604253–6 (32) **20 Nov/nov 1996 (20.11.1996)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07C 213/00, A61K 31/135, 31/54

(54) NEW MANUFACTURING PROCESS OF METOPROLOL
NOUVEAU PROCEDE DE FABRICATION DE METOPROLOL

(71) **ASTRA AKTIEBOLAG** [SE/SE]; S–151 85 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PALMER, Sven** [SE/SE]; Rosenlundsvägen 28, VI, S–151 30 Södertälje (SE). **SIDENQVIST, Michael** [SE/SE]; Ålstigen 46, S–151 39 Södertälje (SE).

(74) **ASTRA AKTIEBOLAG**; Patent Dept., S–151 85 Södertälje (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22427** (13) A1

(21) PCT/CH97/00435

(22) **17 Nov/nov 1997 (17.11.1997)**

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(31) 2843/96 (32) **18 Nov/nov 1996 (18.11.1996)** (33) CH

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07C 215/08, A61K 7/18

(54) AMINOHYDROFLUORIDES AND THEIR USE AS ORAL HYGIENE PREPARATIONS
FLUORHYDRATES D'AMINES ET LEUR UTILISATION COMME AGENTS D'HYGIENE DENTAIRE

(71) **GABA INTERNATIONAL AG** [CH/CH]; Grabetsmattweg, CH–4106 Therwil (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HECKENDORN, René** [CH/CH]; Nufenenstrasse 17, CH–4054 Basel (CH).

(74) **ZIMMERMANN, Hans**; A. Braun Braun Héritier Eschmann AG, Holbeinstrasse 36–38, Postfach 160, CH–4003 Basel (CH).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22428** (13) A1

(21) PCT/EP97/06272

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) de (26) de

(31) 196 48 015.9 (32) **20 Nov/nov 1996 (20.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07C 231/02

(54) METHOD FOR PRODUCING N–ACYLAMINO ACID SALTS
PROCEDE DE PREPARATION DE SELS DE N–ACYLAMINOACIDE

(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) **RATHS, Hans–Christian** [DE/DE]; Nelly–Sachs–Strasse 13, D–40789 Monheim (DE). **RÜBEN, Rainer** [DE/DE]; Lottenstrasse 41, D–40789 Monheim (DE).

(74) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN**; Patente (TTP), D–40191 Düsseldorf (DE).

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

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(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 60/031,673 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(31) 08/838,635 (32) **11 Apr/avr 1997 (11.04.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07C 233/00, 235/00, 237/00, 239/00, C07D 207/08, 207/46, 211/30, 211/32, 241/04, 295/00, 265/30, 295/08

(54) PROCESS OF PREPARING SUBSTITUTED ACRYLAMIDES
PROCEDE DE PREPARATION D'ACRYLAMIDES SUBSTITUES

(71) **ELI LILLY AND COMPANY** [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).

(72) **HAY, Lynne, A.**; 604 East Kessler Boulevard Drive, Indianapolis, IN 46220 (US). **MITCHELL, David**; 8728 Santana Lane, Indianapolis, IN 46278 (US).

(74) **COLLINS, Daniel, W.** et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22430** (13) A1

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(31) 08/754,895 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07C 233/51, 233/46, 235/34, 233/39, 233/37, A61K 31/16, 31/33, C07D 317/60, 213/56, 333/24, 277/62, C07C 333/24, 323/59, C07D 333/16, 263/54

(54) N–(ARYL/HETEROARYLACETYL) AMINO ACID ESTERS, PHARMACEUTICAL COMPOSITIONS COMPRISING SAME, AND METHODS FOR INHIBITING *b*–AMYLOID PEPTIDE RELEASE AND/OR ITS SYNTHESIS BY USE OF SUCH COMPOUNDS
ESTERS DE N–(ARYL/HETEROARYLACETYL) AMINOACIDE, COMPOSITIONS PHARMACEUTIQUES LES CONTENANT ET METHODES POUR INHIBER LA LIBERATION DU PEPTIDE DE LA PROTEINE β–AMYLOIDE ET/OU SA SYNTHESE AU MOYEN DESDITS COMPOSES

(71) **ATHENA NEUROSCIENCES, INC.** [US/US]; 800 Gateway Boulevard, South San Francisco, CA 94080 (US). **ELI LILLY & COMPANY** [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WU, Jing** [CN/US]; Apartment 502, 10 De Sabla Road, San Mateo, CA 94402 (US). **THORSETT, Eugene, D.** [US/US]; 571 Buena Vista Street, Moss Beach, CA 94038 (US). **NISSEN, Jeffrey, S.** [US/US]; 4348 Oil Creek Drive, Indianapolis, IN 46268 (US). **MABRY, Thomas, E.** [US/US]; 8104 Hi–Vu Drive, Indianapolis, IN 46227 (US). **LATIMER, Lee, H.** [US/US]; 56 Sheridan Road, Oakland, CA 94618 (US). **JOHN, Varghese** [US/US]; 1722 18th Avenue, San Francisco, CA 94122 (US). **FANG, Lawrence, Y.** [US/US]; 1193 Beach Park Boulevard, Foster City, CA 94404 (US). **AUDIA, James, E.** [US/US]; 6449 Lakeside Woods Circle, Indianapolis, IN 46278 (US).

(74) **SWISS, Gerald, F.** et al. / etc.; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313–1404 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 196 47 636.4 (32) **18 Nov/nov 1996 (18.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07C 237/10, 237/16, C11D 1/52, A61K 7/48

(54) FATTY ACID HYDROXYAMIDES AND THEIR USE AS SURFACE–ACTIVE SUBSTANCES, NON–IONIC SURFACTANTS OR EMULSIFIERS
HYDROXYAMIDES D'ACIDES GRAS ET LEUR UTILISATION COMME SUBSTANCES A ACTIVITE DE SURFACE, COMME AGENTS TENSIOACTIFS NON IONIQUES OU COMME EMULSIFIANTS

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

(72, 75) **OFTRING, Alfred** [DE/DE]; Im Röhrich 49, D–67098 Bad Dürkheim (DE). **AUS DEM KAHMEN, Martin** [DE/DE]; Saarburger Strasse 29, D–67071 Ludwigshafen (DE). **OETTER, Günter** [DE/DE]; Hans–von–Marees–Strasse 21, D–67227 Frankenthal (DE). **BAUR, Richard** [DE/DE]; Nelkenstrasse 1, D–67112 Mutterstadt (DE).

(74) **ISENBRUCK, Günter**; Bardehle et al., Theodor–Heuss–Anlage 12, D–68165 Mannheim (DE).

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

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(31) 8/306192 (32) **18 Nov/nov 1996 (18.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07C 237/22, 255/60, 275/28, 311/06, 311/19, 327/42, 327/48, 335/26, C07D 205/04, 207/14, 207/16, 207/48, 209/08, 209/30, 209/36, 213/81, 215/36, 217/22, 241/12, 241/14, 307/64, 309/38, 333/34, 333/38, 333/70, 335/02, A61K 31/165, 31/275, 31/34, 31/35, 31/38, 31/395, 31/40, 31/44, 31/47

(54) NOVEL ACYLAMINO–SUBSTITUTED ACYLANILIDE DERIVATIVES OR PHARMACEUTICAL COMPOSITION COMPRISING THE SAME
DERIVES D'ACYLANILIDE A SUBSTITUTION ACYLAMINO OU COMPOSITION COMPRENANT CES DERIVES

(71) **YAMANOUCHI PHARMACEUTICAL CO., LTD.** [JP/JP]; 3–11, Nihonbashi–Honcho 2–chome, Chuo–ku, Tokyo 103 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TANIGUCHI, Nobuaki** [JP/JP]; 28–4, Sakura 3–chome, Tsukuba–shi, Ibaraki 305 (JP). **OKADA, Minoru** [JP/JP]; 6–29, Hongo 5–chome, Toride–shi, Ibaraki 302 (JP). **KAKU, Hidetaka** [JP/JP]; 6–7–403, Matsushiro 4–chome, Tsukuba–shi, Ibaraki 305 (JP). **SHIMADA, Itsuro** [JP/JP]; 12–1–B201, Kouyadai 2–chome, Tsukuba–shi, Ibaraki 305 (JP). **NOZAWA, Eisuke** [JP/JP]; 13–1–402, Ninomiya 3–chome, Tsukuba–shi, Ibaraki 305 (JP). **KOUTOKU, Hiroshi** [JP/JP]; 6–14, Matsushiro 5–chome, Tsukuba–shi, Ibaraki 305 (JP).

(74) **NAGAI, Shozo**; Yamanouchi Pharmaceutical Co., Ltd., Patent & Information Dept., 17–1, Hasune 3–chome, Itabashi–ku, Tokyo 174–8612 (JP) et al. / etc.

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH HU ID IL IS JP KE KG KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT UA UG US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(21) PCT/US97/22231

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/754,895 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(31) 08/807,538 (32) **28 Feb/fév 1997 (28.02.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07C 237/22, A61K 31/16, C07C 255/44, 255/66, C07D 209/48, 213/75, 213/40, A61K 31/395

(54) N–(ARYL/HETEROARYL/ALKYLACETYL) AMINO ACID AMIDES, PHARMACEUTICAL COMPOSITIONS COMPRISING SAME, AND METHODS FOR INHIBITING β–AMYLOID PEPTIDE RELEASE AND/OR ITS SYNTHESIS BY USE OF SUCH COMPOUNDS
AMIDES D'ACIDES AMINES N–(ARYL/HETEROARYL/ALKYLACETYL), COMPOSITIONS PHARMACEUTIQUES LES CONTENANT ET METHODES D'INHIBITION

DE LA LIBERATION DU PEPTIDE β–AMYLOIDE ET/OU SA SYNTHESE A L'AIDE DE CES COMPOSES

(71) **ATHENA NEUROSCIENCES, INC.** [US/US]; 800 Gateway Boulevard, South San Francisco, CA 94080 (US). **ELI LILLY & COMPANY** [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WU, Jing** [CN/US]; Apartment 502, 10 De Sabla Road, San Mateo, CA 94402 (US). **TUNG, Jay, S.** [US/US]; 2224 Semeria Avenue, Belmont, CA 94002 (US). **NISSEN, Jeffrey, S.** [US/US]; 4348 Oil Creek Drive, Indianapolis, IN 46268 (US). **MABRY, Thomas, E.** [US/US]; 8104 Hi–Vu Drive, Indianapolis, IN 46227 (US). **LATIMER, Lee, H.** [US/US]; 56 Sheridan Road, Oakland, CA 94618 (US). **EID, Clark, Norman** [US/US]; 53 Dundee Drive, Cheshire, CT 06410 (US). **AUDIA, James, E.** [US/US]; 6449 Lakeside Woods Circle, Indianapolis, IN 46278 (US).

(74) **SWISS, Gerald, F.** et al. / etc.; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313–1404 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 196 48 009.4 (32) **20 Nov/nov 1996** (33) DE **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07C 251/48, A01N 37/50, C07C 251/86

(54) GLYOXYLIC ACID AMIDES
AMIDES D'ACIDE GLYOXYLIQUE

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

(72, 75) **SEITZ, Thomas** [DE/DE]; Rietherbach 10 b, D–40764 Langenfeld (DE). **STENZEL, Klaus** [DE/DE]; Seesener Strasse 17, D–40595 Düsseldorf (DE).

(74) **BAYER AKTIENGESELLSCHAFT**; D–51368 Leverkusen (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 TJ TM TR TT UA UG US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(22) **17 Nov/nov 1997 (17.11.1997)**

(25) fr (26) fr

(31) 96/14133 (32) **15 Nov/nov 1996** (33) FR **(15.11.1996)**

(31) 97/06516 (32) **23 May/mai 1997** (33) FR **(23.05.1997)**

(31) 97/06517 (32) **23 May/mai 1997** (33) FR **(23.05.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07C 319/14, 323/04, 323/20, 391/02, 29/38, 29/62, 33/46, 33/48, 35/52, C07F 7/18, C07C 41/30, 43/313, 45/42, 49/713, 303/24, 305/06, 213/06

(54) COMPOUNDS USEFUL FOR PERHALOGENOALKYLATION, REAGENT FOR IMPLEMENTING THESE COMPOUNDS AND SYNTHESIS METHOD FOR OBTAINING THESE COMPOUNDS
COMPOSES UTILES POUR LA PERHALOGENOALCOYLATION, REACTIF POUR METTRE EN OEUVRE CES COMPOSES ET PROCEDE DE SYNTHESE POUR L'OBTENTION DE CES COMPOSES

(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) **ROQUES, Nicolas** [FR/FR]; 37, rue Saint Nestor, F–69008 Lyon (FR). **RUSSELL, James** [FR/FR]; 6, Puech Long, F–30340 Rousson (FR). **LANGLOIS, Bernard** [FR/FR]; 91, rue Duguesclin, F–69006 Lyon (FR). **SAINT–JALMES, Laurent** [FR/FR]; 16, rue Latouche Tréville, F–69330 Meyzieu (FR). **LARGE, Sylvie** [FR/FR]; 11, avenue Rossellini, F–69100 Villeurbanne (FR).

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

(81) AL AM AU BA BB BG BR CA CN CU CZ EE GE HU IL IS JP KG KP KR LC LK LR LT LV MD MG MK MN MX NO NZ PL RO SG SI SK TR TT UA US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22436** (13) A1

(21) PCT/US97/19960

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) en (26) en

(31) 60/030,264 (32) **31 Oct/oct 1996** (33) US **(31.10.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07C 323/56, 323/61, 323/62, 59/48, 59/56, 235/84, C07D 209/48, A61K 31/19, C07C 271/22, A61K 31/40

(54) SUBSTITUTED 4–BIPHENYL–4–HYDROXYBUTYRIC ACID DERIVATIVES AS MATRIX METALLOPROTEASE INHIBITORS
DERIVES D'ACIDE 4–BIPHENYL–4–HYDROXYBUTYRIQUE SUBSTITUE UTILISES COMME INHIBITEURS DE METALLOPROTEASES MATRICIELLES

(71) **BAYER CORPORATION** [US/US]; 100 Bayer Road, Pittsburgh, PA 15205 (US).

(72) **KLUENDER, Harold, C., E.**; 27 Academy Road, Trumbull, CT 06611 (US). **BJORGE, Susan, M.**; 5 Brownstone Road, Wallingford, CT 06492 (US). **ZADJURA, Lisa, Marie**; 16 Sea Lane, Old Saybrook, CT 06475 (US). **BRUBAKER, William, Frederick**; 116 Nob Hill Road, Cheshire, CT 06410 (US).

(74) **GREENMAN, Jeffrey, M.** et al. / etc.; Bayer Corporation, 400 Morgan Lane, West Haven, CT 06516 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GH HU IL 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 UZ YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22437** (13) A1

(21) PCT/US97/21081

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/754,641 (32) **21 Nov/nov 1996** (33) US **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07D 207/14, 487/04, 471/04 // (C07D 487/04, 209:00, 209:00) (C07D 471/04, 221:00, 209:00) (C07D 487/04, 223:00, 209:00)

(54) PROCESS FOR PREPARATION OF CHIRAL 3–AMINOPYRROLIDINE AND ANALOGOUS BICYCLIC COMPOUNDS
PROCEDE DE PREPARATION DE 3–AMINO–PYRROLIDINE CHIRALE ET DE COMPOSES BICYCLIQUES ANALOGUES

(71) **ABBOTT LABORATORIES** [US/US]; CHAD 0377/AP6D–2, 100 Abbott Park Road, Abbott Park, IL 60064–3500 (US).

(72) **WANG, Wei–bo**; 34419 N. Tangueray Drive, Grayslake, IL 60030 (US). **LI, Qun**; 1417 Castleton Road, Libertyville, IL 60048 (US). **CHU, Daniel, T.**; 3767 Benton Street, Santa Clara, CA 95051 (US). **HASVOLD, Lisa, Anne**; 1801 Country Drive, Grayslake, IL 60030 (US).

(74) **ANAND, Mona** et al. / etc.; Abbott Laboratories, CHAD 0377/AP6D–2, 100 Abbott Park Road, Abbott Park, IL 60064–3500 (US).

(81) AU BG BR CA CN CZ HU IL JP KR MX NO NZ PL RO SI SK TR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(31) 196 48 011.6 (32) **20 Nov/nov 1996** (33) DE **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07D 207/20, 409/10, 407/10, C07C 271/18, 205/04, A01N 43/36

(54) CYCLIC IMINES AS PESTICIDES
IMINES CYCLIQUES UTILISEES COMME PESTICIDES

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

(72, 75) **PLANT, Andrew** [GB/DE]; Walter–Flex–Strasse 20, D–51373 Leverkusen (DE). **KLEEFELD, Gerd** [DE/DE]; Franziskusstrasse 27, D–41468 Neuss (DE). **PÖTTER, Thorsten** [DE/DE]; Roggendorfstrasse 63, D–51061 Köln (DE). **ERDELEN, Christoph** [DE/DE]; Unterbüscherhof 15, D–42799 Leichlingen (DE). **MENCKE, Norbert** [DE/DE]; Grundermühle 2, D–51381 Leverkusen (DE). **TURBERG, Andreas** [DE/DE]; Naheweg 19, D–40699 Erkrath (DE). **WACHENDORFF–NEUMANN, Ulrike**

[DE/DE]; Oberer Markenweg 85, D–56566 Neuwied (DE).

(74) **BAYER AKTIENGESELLSCHAFT**; D–51368 Leverkusen (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 8/308509 (32) **19 Nov/nov 1996 (19.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07D 213/81, 213/80, 213/803, A61K 31/495

(54) NOVEL PYRIDINECARBOXAMIDE DERIVATIVES
NOUVEAUX DERIVES DE PYRIDINECARBOXAMIDE

(71) **NISSHIN FLOUR MILLING CO., LTD.** [JP/JP]; 19–12, Nihonbashi–Koami–cho, Chuo–ku, Tokyo 103 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OSHIDA, Norio** [JP/JP]; Nisshin Flour Milling Co., Ltd., Pharmaceutical Research Laboratories, 3–1, Tsurugaoka 5–chome, Ohimachi, Iruma–gun, Saitama 356 (JP). **MIMAKI, Yoji** [JP/JP]; Nisshin Flour Milling Co., Ltd., Pharmaceutical Research Laboratories, 3–1, Tsurugaoka 5–chome, Ohimachi, Iruma–gun, Saitama 356 (JP). **SATOH, Hiroaki** [JP/JP]; Nisshin Flour Milling Co., Ltd., Pharmaceutical Research Laboratories, 3–1, Tsurugaoka 5–chome, Ohimachi, Iruma–gun, Saitama 356 (JP). **YOKOYAMA, Shinji** [JP/JP]; Nisshin Flour Milling Co., Ltd., Komoro Factory, 483–12, Oaza–Wada, Komoro–shi, Nagano 384 (JP). **MURAKI, Yukiko** [JP/JP]; Nisshin Flour Milling Co., Ltd., Pharmaceutical Research Laboratories, 3–1, Tsurugaoka 5–chome, Ohimachi, Iruma–gun, Saitama 356 (JP). **NISHIMURA, Kazumi** [JP/JP]; Nisshin Flour Milling Co., Ltd., Pharmaceutical Research Laboratories, 3–1, Tsurugaoka 5–chome, Ohimachi, Iruma–gun, Saitama 356 (JP). **HAMADA, Tamiko** [JP/JP]; Nisshin Flour Milling Co., Ltd., Pharmaceutical Research Laboratories, 3–1, Tsurugaoka 5–chome, Ohimachi, Iruma–gun, Saitama 356 (JP). **SAKURAI, Einosuke** [JP/JP]; Nisshin Flour Milling Co., Ltd., Pharmaceutical Research Laboratories, 3–1, Tsurugaoka 5–chome, Ohimachi, Iruma–gun, Saitama 356 (JP). **SUGAI, Toshiji** [JP/JP]; Nisshin Flour Milling Co., Ltd., Pharmaceutical Research Laboratories, 3–1, Tsurugaoka 5–chome, Ohimachi, Iruma–gun, Saitama 356 (JP). **TONOIKE, Tomomi** [JP/JP]; Nisshin Flour Milling Co., Ltd., Pharmaceutical Research Laboratories, 3–1, Tsurugaoka 5–chome, Ohimachi, Iruma–gun, Saitama 356 (JP). **ITOH, Koichi** [JP/JP]; Nisshin Flour Milling Co., Ltd., Pharmaceutical Research Laboratories, 3–1, Tsurugaoka 5–chome, Ohimachi, Iruma–gun, Saitama 356 (JP).

(74) **TAKAGI, Chiyoshi** et al. / etc.; Kojimachi Koyo Building, 10, Kojimachi 1–chome, Chiyoda–ku, Tokyo 102 (JP).

(81) CA JP KR US; EP (BE CH DE DK ES FR GB IT NL SE).

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(11) **WO 98/22440** (13) A1

(21) PCT/JP97/04208

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) ja (26) ja

(31) 8/308509 (32) **19 Nov/nov 1996 (19.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07D 213/81, 213/80, 213/803, A61K 31/495

(54) PYRIDINECARBOXAMIDE DERIVATIVES
DERIVES DE PYRIDINECARBOXAMIDE

(71) **NISSHIN FLOUR MILLING CO., LTD.** [JP/JP]; 19–12, Nihonbashi–Koami–cho, Chuo–ku, Tokyo 103 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OSHIDA, Norio** [JP/JP]; Nisshin Flour Milling Co., Ltd., Pharmaceutical Research Laboratories, 3–1, Tsurugaoka 5–chome, Ohimachi, Iruma–gun, Saitama 356 (JP). **MIMAKI, Yoji** [JP/JP]; Nisshin Flour Milling Co., Ltd., Pharmaceutical Research Laboratories, 3–1, Tsurugaoka 5–chome, Ohimachi, Iruma–gun, Saitama 356 (JP). **SATOH, Hiroaki** [JP/JP]; Nisshin Flour Milling Co., Ltd., Pharmaceutical Research Laboratories, 3–1, Tsurugaoka 5–chome, Ohimachi, Iruma–gun, Saitama 356 (JP). **YOKOYAMA, Shinji** [JP/JP]; Nisshin Flour Milling Co., Ltd., Komoro Factory, 483–12, Oaza–Wada, Komoro–shi, Nagano 384 (JP). **MURAKI, Yukiko** [JP/JP]; Nisshin Flour Milling Co., Ltd., Pharmaceutical Research Laboratories, 3–1, Tsurugaoka 5–chome, Ohimachi, Iruma–gun, Saitama 356 (JP). **NISHIMURA, Kazumi** [JP/JP]; Nisshin Flour Milling Co., Ltd., Pharmaceutical Research Laboratories, 3–1, Tsurugaoka 5–chome, Ohimachi, Iruma–gun, Saitama 356 (JP). **HAMADA, Tamiko** [JP/JP]; Nisshin Flour Milling Co., Ltd., Pharmaceutical Research Laboratories, 3–1, Tsurugaoka 5–chome, Ohimachi, Iruma–gun, Saitama 356 (JP). **SAKURAI, Einosuke** [JP/JP]; Nisshin Flour Milling Co., Ltd., Pharmaceutical Research Laboratories, 3–1, Tsurugaoka 5–chome, Ohimachi, Iruma–gun, Saitama 356 (JP). **SUGAI, Toshiji** [JP/JP]; Nisshin Flour Milling Co., Ltd., Pharmaceutical Research Laboratories, 3–1, Tsurugaoka 5–chome, Ohimachi, Iruma–gun, Saitama 356 (JP). **TONOIKE, Tomomi** [JP/JP]; Nisshin Flour Milling Co., Ltd., Pharmaceutical Research Laboratories, 3–1, Tsurugaoka 5–chome, Ohimachi, Iruma–gun, Saitama 356 (JP). **ITOH, Koichi** [JP/JP]; Nisshin Flour Milling Co., Ltd., Pharmaceutical Research Laboratories, 3–1, Tsurugaoka 5–chome, Ohimachi, Iruma–gun, Saitama 356 (JP).

(74) **TAKAGI, Chiyoshi** et al. / etc.; Kojimachi Koyo Building, 10, Kojimachi 1–chome, Chiyoda–ku, Tokyo 102 (JP).

(81) CA JP KR US; EP (BE CH DE DK ES FR GB IT NL SE).

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(11) **WO 98/22441** (13) A2

(21) PCT/US97/20356

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 08/755,444 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07D 229/18, 247/16, C07C 229/60, 259/18, 255/58, 259/14, 259/16, A61K 31/195, 31/33, C07D 319/18, 317/58, 277/62, 209/08, 307/12, 317/24, 207/32

(54) N–(ARYL/HETEROARYL) AMINO ACID ESTERS, PHARMACEUTICAL COMPOSITIONS, AND METHODS FOR INHIBITING BETA–AMYLOID PEPTIDE RELEASE AND/OR ITS SYNTHESIS
ESTERS DE N–(ARYL/HETEROARYL) AMINO-ACIDE, COMPOSITIONS PHARMACEUTIQUES ET METHODES POUR INHIBER LA LIBERATION DU PEPTIDE β–AMYLOIDE ET/OU SA SYNTHESE

(71) **ATHENA NEUROSCIENCES, INC.** [US/US]; 800 Gateway Boulevard, South San Francisco, CA 94080 (US). **ELI LILLY & 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). **FOLMER, Beverly, K.** [US/US]; 26 Currant Drive, Newark, DE 19702 (US). **JOHN, Varghese** [US/US]; 1722 18th Avenue, San Francisco, CA 94122 (US). **LATIMER, Lee, H.** [US/US]; 56 Sheridan Road, Oakland, CA 94618 (US). **NISSEN, Jeffrey, S.** [US/US]; 4348 Oil Creek Drive, Indianapolis, IN 46268 (US). **REEL, Jon, K.** [US/US]; 14701 Alsong Court, Carmel, IN 46032 (US). **THORSETT, Eugene, D.** [US/US]; 571 Buena Vista Street, Moss Beach, CA 94038 (US). **WHITESITT, Celia, A.** [US/US]; 4089 Easy Street, Greenwood, IN 46142 (US).

(74) **SWISS, Gerald, F.** et al. / etc.; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313–1404 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22442** (13) A2

(21) PCT/EP97/06398

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) MI96A002385 (32) **15 Nov/nov 1996 (15.11.1996)** (33) IT

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07D 231/54, 303/32, C07C 317/24

(54) PHARMACEUTICAL COMPOSITIONS COMPRISING DIARYL–CYCLOMETHYLENPYRAZOLE COMPOUNDS AND THEIR USE AS CYCLOOXYGENASE I (COX I) INHIBITORS
COMPOSITIONS PHARMACEUTIQUES CONTENANT DES COMPOSES DE DIARYL–CYCLOMETHYLENEPYRAZOLE ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE LA CYCLOOXYGENASE I (COX I)

(71) **ANGELINI RICERCHE S.p.A. SOCIETA' CONSORTILE** [IT/IT]; Piazzale della Stazione, I–00040 S. Palomba – Pomezia (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GIANNANGELI, Marilena** [IT/IT]; Via Clelia, 88, I–00181 Roma (IT). **TOMASELLI, Mauro** [IT/IT]; Via Leibniz, 28, I–00137 Roma (IT). **PINZA, Mario** [IT/IT]; Via per Cesano Boscone, 24, I–20094 Corsico (IT).

(74) **MARCHI, Massimo** et al. / etc.; Marchi & Partners s.r.l., Via Pirelli, 19, I–20124 Milano (IT).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU ID IL 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; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22443** (13) A1

(21) PCT/FR97/02079

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) fr (26) fr

(31) 96/14309 (32) **22 Nov/nov 1996 (22.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07D 233/54, A61K 31/415, C07D 233/68, 401/06, 401/12, 409/12, 409/14

(54) N–(IMIDAZOLYLBUTYL) BENZENESULPHONAMIDE DERIVATIVES, THEIR PREPARATION AND THERAPEUTIC APPLICATION
DERIVES DE N–(IMIDAZOLYLBUTYLE) BENZENESULFONAMIDE AYANT UNE ACTIVITE ANTITHROMBOTIQUE

(71) **SYNTHELABO** [FR/FR]; 22, avenue Galilée, F–92350 Le Plessis Robinson (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALTENBURGER, Jean–Michel** [FR/FR]; 2, rue du Parc, F–92190 Meudon (FR). **LASSALLE, Gilbert** [FR/FR]; 15, rue de la Croix Valentin, F–91470 Les Molières (FR). **MARTIN, Valérie** [FR/FR]; 3, promenade du Parc, F–94800 Villejuif (FR). **GALTIER, Daniel** [FR/FR]; 16, rue Francis Poulenc, F–78280 Guyancourt (FR).

(74) **THOURET–LEMAITRE, Elisabeth**; Synthelabo, 22, avenue Galilée, F–92350 Le Plessis Robinson (FR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 196 47 413.2 (32) **15 Nov/nov 1996 (15.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07D 239/00, 239/42, A01N 43/54, C07F 7/10, C07D 405/12, 401/12

(54) QUATERNARY NITROGEN HETEROCYCLES, METHOD FOR THEIR PRODUCTION AND THEIR USE AS PESTICIDES
AZA–HETEROCYCLES QUATERNAIRES, LEUR PROCEDE DE FABRICATION ET LEUR UTILISATION COMME PESTICIDES

(71) **HOECHST SCHERING AGREVO GMBH** [DE/DE]; Miraustrasse 54, D–13509 Berlin (DE).

(72) **JAKOBI, Harald**; Großer Hasenpfad 80, D–60598 Frankfurt am Main (DE). **BRAUN, Ralf**; Hauptstrasse 44, D–76857 Dernbach (DE). **SCHAPER, Wolfgang**; Kappellenweg 5c, D–86420 Diedorf (DE). **KRAUTSTRUNK, Gerhard**; Ludwig–Scriba–Strasse 1, D–65929 Frankfurt am Main (DE). **MÄRKL, Martin**; Glauburgstrasse 85, D–60318 Frankfurt am Main (DE). **STARK, Herbert**; Gimbacher Tann 15, D–65779 Kelkheim (DE). **SANFT, Ulrich**; Burlachin Strasse 8, D–65719 Hofheim (DE). **THÖNESSEN, Marie–Theresia**; Frauenlobstrasse 10, D–55262 Heidesheim (DE). **KERN, Manfred**; Traminerweg 8, D–55296 Lörzweiler (DE). **BONIN, Werner**; Im Schulzehnten 18, D–65779 Kelkheim (DE).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 196 47 402.7 (32) **15 Nov/nov 1996 (15.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07D 239/47, 239/42, A01N 43/54, C07F 7/10, C07D 405/12, 403/12

(54) QUATERNARY NITROGEN HETEROCYCLES, METHOD FOR THEIR PRODUCTION AND THEIR USE AS PESTICIDES
AZA–HETEROCYCLES QUATERNAIRES, LEUR PROCEDE DE FABRICATION ET LEUR UTILISATION COMME PESTICIDES

(71) **HOECHST SCHERING AGREVO GMBH** [DE/DE]; Miraustrasse 54, D–13509 Berlin (DE).

(72) **JAKOBI, Harald**; Großer Hasenpfad 80, D–60598 Frankfurt am Main (DE). **BRAUN, Ralf**; Hauptstrasse 44, D–76857 Dernbach (DE). **SCHAPER, Wolfgang**; Kappellenweg 5c, D–86420 Diedorf (DE). **KRAUTSTRUNK, Gerhard**; Ludwig–Scriba–Strasse 1, D–65929 Frankfurt am Main (DE). **MÄRKL, Martin**; Glauburgstrasse 85, D–60318 Frankfurt am Main (DE). **STARK, Herbert**; Gimbacher Tann 15, D–65779 Kelkheim (DE). **SANFT, Ulrich**; Burlachin Strasse 8, D–65719 Hofheim (DE). **THÖNESSEN, Marie–Theresia**; Frauenlobstrasse 10, D–55262 Heidesheim (DE). **KERN, Manfred**; Traminerweg 8, D–55296 Lörzweiler (DE). **BONIN, Werner**; Im Schulzehnten 18, D–65779 Kelkheim (DE).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 196 47 317.9 (32) **15 Nov/nov 1996 (15.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07D 239/47, 239/42, A01N 43/54

(54) QUATERNARY NITROGEN HETEROCYCLES, METHOD FOR THEIR PRODUCTION AND THEIR USE AS PESTICIDES
AZA–HETEROCYCLES QUATERNAIRES, LEUR PROCEDE DE FABRICATION ET LEUR UTILISATION COMME PESTICIDES

(71) **HOECHST SCHERING AGREVO GMBH** [DE/DE]; Miraustrasse 54, D–13509 Berlin (DE).

(72) **JAKOBI, Harald**; Großer Hasenpfad 80, D–60598 Frankfurt (DE). **ORT, Oswald**; Eppenhainer Strasse 14, D–61479 Glashütten (DE). **SCHAPER, Wolfgang**; Kapellenweg 5c, D–86420 Diedorf (DE). **BRAUN, Ralf**; Hauptstrasse 44, D–76857 Dernbach (DE). **KRAUTSTRUNK, Gerhard**; Ludwig–Scriba–Strasse 1, D–65929 Frankfurt (DE). **MÄRKL, Martin**; Glauburgstrasse 85, D–60318 Frankfurt (DE). **STARK, Herbert**; Gimbacher Tann 15, D–65779 Kelkheim (DE). **SANFT, Ulrich**; Burlachin Strasse 8, D–65719 Hofheim (DE). **THÖNESSEN, Maria–Theresia**; Frauenlobstrasse 10, D–55262 Heidesheim (DE). **KERN, Manfred**; Traminerweg 8, D–55296 Lörzweiler (DE). **BONIN, Werner**; Im Schulzehnten 18, D–65779 Kelkheim (DE).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 2865/96 (32) **20 Nov/nov 1996 (20.11.1996)** (33) CH

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07D 251/24, A61K 7/42, 7/06

(54) SYMMETRICAL TRIAZINE DERIVATIVES
DERIVES SYMETRIQUES DE LA TRIAZINE

(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) **EHLIS, Thomas** [DE/DE]; Ferdinand–Weiss–Strasse 30, D–79106 Freiburg (DE). **HÜGLIN, Dietmar** [DE/DE]; Sandstrasse 6, D–79104 Freiburg (DE). **LUTHER, Helmut** [DE/DE]; Tüllingerweg 3a, D–79639 Grenzach–Wyhlen (DE).

(74) **CIBA SPECIALTY CHEMICALS HOLDING INC.**; Patentabteilung, Klybeckstrasse 141, CH–4057 Basel (CH).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 60/031,068 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 60/040,479 (32) **12 Mar/mar 1997 (12.03.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07D 263/10, C07C 323/22, 323/32, 323/42, 317/32, 233/66, 233/69

(54) PROCESSES AND INTERMEDIATES FOR THE PREPARATION OF OXAZOLINE DERIVATIVES
PROCEDES ET INTERMEDIAIRES DESTINES A LA PREPARATION DE DERIVES DE L'OXAZOLINE

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANNIS, Gary, David** [US/US]; 13 Franklin Road, Landenberg, PA 19350 (US). **SHAPIRO, Rafael** [US/US]; 1415 Fresno Road, Wilmington, DE 19803 (US).

(74) **BIRCH, Linda, D.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE 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 US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22449** (13) A1

(21) PCT/JP97/04157

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) ja (26) ja

(31) 8/304930 (32) **15 Nov/nov 1996 (15.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07D 263/38, 413/06, 417/06

(54) 5–ALKOXY–2(3H)–OXAZOLONE COMPOUNDS AND PROCESS FOR THE PREPARATION THEREOF
COMPOSES DE LA 5–ALCOXY–2–(3H)–OXAZOLONE ET LEUR PROCEDE DE PREPARATION

(71) **UBE INDUSTRIES, LTD.** [JP/JP]; 12–32, Nishihonmachi 1–chome, Ube–shi, Yamaguchi 755 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIYATA, Hiroyuki** [JP/JP]; Ube Research Laboratory, Ube Industries, Ltd., 1978–5, Oaza Kogushi, Ube–shi, Yamaguchi 755 (JP). **ATAKA, Kikuo** [JP/JP]; Ube Research Laboratory, Ube Industries, Ltd., 1978–5, Oaza Kogushi, Ube–shi, Yamaguchi 755 (JP). **SATAKE, Nobuya** [JP/JP]; Ube Research Laboratory, Ube Industries, Ltd., 1978–5, Oaza Kogushi, Ube–shi, Yamaguchi 755 (JP). **HAGIHARA, Masahiko** [JP/JP]; Ube Research Laboratory, Ube Industries, Ltd., 1978–5, Oaza Kogushi, Ube–shi, Yamaguchi 755 (JP).

(74) **TSUKUNI, Hajime**; SVAX TS Building, 22–12, Toranomon 1–chome, Minato–ku, Tokyo 105 (JP).

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

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(11) **WO 98/22450** (13) A1

(21) PCT/US97/21080

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/754,772 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07D 263/48

(54) PROCESS FOR THE PREPARATION OF 2–IMINO–5–PHENYL–4–OXAZOLIDINONE AND ITS INTERMEDIATES
PROCEDE DE PREPARATION DE 2–IMINO–5–PHENYL–4 OXAZOLIDINONE ET DE SES INTERMEDIAIRES

(71) **ABBOTT LABORATORIES** [US/US]; CHAD 0377/AP6D–2, 100 Abbott Park Road, Abbott Park, IL 60064–3500 (US).

(72) **BONK, Peter, J.**; 5420 88th Street, Kenosha, WI 53142 (US).

(74) **WARD, Michael, J.** et al. / etc.; Abbott Laboratories, CHAD 0377/AP6D–2, 100 Abbott Park Road, Abbott Park, IL 60064–3500 (US).

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

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(31) 8/307612 (32) **19 Nov/nov 1996 (19.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07D 305/14, A61K 31/335

(54) TAXOL DERIVATIVES
DERIVES TAXOL

(71) **DAIICHI PHARMACEUTICAL CO., LTD.** [JP/JP]; 14–10, Nihonbashi 3–chome, Chuo–ku, Tokyo 103 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SOGA, Tsunehiko** [JP/JP]; Daiichi Pharmaceutical Co., Ltd., Tokyo R & D Center, 16–13, Kita–Kasai 1–chome, Edogawa–ku, Tokyo 134 (JP). **UOTO, Kouichi** [JP/JP]; Daiichi Pharmaceutical Co., Ltd., Tokyo R & D Center, 16–13, Kita–Kasai 1–chome, Edogawa–ku, Tokyo 134 (JP). **IIMURA, Shin** [JP/JP]; Daiichi Pharmaceutical Co., Ltd., Tokyo R & D Center, 16–13, Kita–Kasai 1–chome, Edogawa–ku, Tokyo 134 (JP).

(74) **HAGINO, Taira** et al. / etc.; Eikoh Patent Office, 28th floor, ARK Mori Building, 12–32, Akasaka 1–chome, Minato–ku, Tokyo 107 (JP).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU ID IL IS JP 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; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22452** (13) A1

(21) PCT/JP97/04212

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) ja (26) ja

(31) 8/307783 (32) **19 Nov/nov 1996 (19.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07D 307/84, 405/12, A61K 31/34, 31/535, 31/445, 31/40, 31/495, 31/44

(54) BENZOFURAN DERIVATIVES
DERIVES DE BENZOFURANES

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

(72, 75) **OHSHIMA, Etsuo** [JP/JP]; 234–16, Honjuku, Nagaizumi–cho, Sunto–gun, Shizuoka 411 (JP). **MATSUZAKI, Tohru** [JP/JP]; 1188, Shimotogari, Nagaizumi–cho, Sunto–gun, Shizuoka 411 (JP). **IIDA, Kyoichiro** [JP/JP]; 410–1, Nameri, Nagaizumi–cho, Sunto–gun, Shizuoka 411 (JP). **ICHIMURA, Michio** [JP/JP]; 1–31–14, Sano–miharashi–dai, Mishima–shi, Shizuoka 411 (JP).

(81) AU BG BR CA CN CZ HU IL JP KR MX NO NZ PL RO SG SI SK UA US VN; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22453** (13) A1

(21) PCT/EP97/06248

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) 196 47 881.2 (32) **20 Nov/nov 1996 (20.11.1996)** (33) DE

(31) 96118743.2 (32) **22 Nov/nov 1996 (22.11.1996)** (33) EP

(34) AT et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07D 307/94, 307/86, 493/10, 409/04, 407/04, 405/04, C07F 9/655, A61K 31/34, 31/35, 31/38, 31/55 // (C07D 493/10, 311:00, 307:00)

(54) SUBSTITUTED DIHYDROBENZOFURANS AS PDE INHIBITORS
DIHYDROBENZOFURANES SUBSTITUES UTILISES EN TANT QU'INHIBITEURS DE LA PHOSPHODIESTERASE (PDE)

(71) **BYK GULDEN LOMBERG CHEMISCHE FABRIK GMBH** [DE/DE]; Byk–Gulden–Strasse 2, D–78467 Konstanz (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72) **AMSCHLER, Hermann**; Hohenhewenstrasse 19, D–78315 Radolfzell (DE). **BÄR, Thomas**; Blarerstrasse 16, D–78462 Konstanz (DE). **FLOCKERZI, Dieter**; Ackerweg 26, D–78476 Allensbach (DE). **GUTTERER, Beate**; Allensbacher Strasse 6b, D–78476 Allensbach (DE). **THIBAUT, Ulrich**; Egger Wiese 14, D–78464 Konstanz (DE). **HATZELMANN, Armin**; Alter Wall 3, D–78467 Konstanz (DE). **BOSS, Hildegard**; Flurweg 3a, D–78464 Konstanz (DE). **BEUME, Rolf**; Bohlstrasse 13, D–78465 Konstanz (DE). **KLEY, Hans–Peter**; Im Weinberg 3b, D–78476 Allensbach (DE). **HÄFNER, Dietrich**; Beethovenstrasse 5, D–78464 Konstanz (DE).
(for all designated States except / pour tous les États désignés sauf CA US)

(72, 75) **MARTIN, Thomas** [DE/DE]; Sonnenbühlstrasse 73, D–78464 Konstanz (DE). **ULRICH, Wolf–Rüdiger** [DE/DE]; Hebelstrasse 3, D–78464 Konstanz (DE).

(74) **BYK GULDEN LOMBERG CHEMISCHE FABRIK GMBH**; Byk–Gulden–Strasse 2, D–78467 Konstanz (DE).

(81) AL AU BA BG BR CA CN CZ EE GE HU ID IL JP KR LT LV MK MX NO NZ PL RO SG SI SK TR UA US VN YU ZW; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(31) 196 48 244.5 (32) **21 Nov/nov 1996** (33) DE **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07D 309/30, 313/04

(54) METHOD FOR PRODUCING DELTA AND EPSILON LACTONES
PROCEDE DE PREPARATION DE DELTA– ET D'EPSILON–LACTONES

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

(72, 75) **STEIN, Frank** [DE/DE]; Seebacher Strasse 37, D–67098 Bad Dürkheim (DE). **LIANG, Shelue** [CN/DE]; Am Mönchhof 2c, D–67105 Schifferstadt (DE). **FISCHER, Rolf** [DE/DE]; Bergstrasse 98, D–69121 Heidelberg (DE). **PINKOS, Rolf** [DE/DE]; Birkental 3a, D–67098 Bad Dürkheim (DE). **BREITSCHEIDEL, Boris** [DE/DE]; Trifelsring 61a, D–67117 Limburgerhof (DE).

(74) **BASF AKTIENGESELLSCHAFT**; D–67056 Ludwigshafen (DE).

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

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(31) 8/307781 (32) **19 Nov/nov 1996** (33) JP **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07D 319/18, 405/06, 405/12, A61K 31/335

(54) OXYGENIC HETEROCYCLIC COMPOUNDS
COMPOSES HETEROCYCLIQUES D'OXYGENE

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

(72, 75) **NAKASATO, Yoshisuke** [JP/US]; 33 Pond Avenue #301, Brookline, MA 02146 (US). **OHSHIMA, Etsuo** [JP/JP]; 234–16, Honjuku, Nagaizumi–cho, Sunto–gun, Shizuoka 411 (JP). **KOIKE, Rie** [JP/JP]; 1064–11, Shimotogari, Nagaizumi–cho, Sunto–gun, Shizuoka 411 (JP). **ICHIMURA, Michio** [JP/JP]; 1–31–14, Sano–miharashi–dai, Mishima–shi, Shizuoka 411 (JP). **MANABE, Haruhiko** [JP/JP]; 343–22, Shimotogari, Nagaizumi–cho, Sunto–gun, Shizuoka 411 (JP). **SATO, Soichiro** [JP/JP]; 10–2, Fujimidai, Mishima–shi, Shizuoka 411 (JP). **ISHII, Hidee** [JP/JP]; 847–3, Nanjo, Nirayama–cho, Tagata–gun, Shizuoka 410–21 (JP). **YANAGAWA, Koji** [JP/JP]; 425–3, Nameri, Nagaizumi–cho, Sunto–gun, Shizuoka 411 (JP).

(81) AU BG BR CA CN CZ HU IL JP KR MX NO NZ PL RO SG SI SK UA US VN; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22456** (13) A1

(21) PCT/US97/21820

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 60/031,181 (32) **19 Nov/nov 1996** (33) US **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07D 333/52, 333/56, 333/66, 333/72, 409/02

(54) PROCESS FOR THE SYNTHESIS OF BENZOTHIOPHENES
PROCEDE DE SYNTHESE DE BENZOTHIOPHENES

(71) **ELI LILLY AND COMPANY** [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VICENZI, Jeffrey, T.** [US/US]; 49 Timber Lane, Brownsburg, IN 46112 (US).

(74) **STRODE, Janelle, D.** et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (US).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22457** (13) A1

(21) PCT/US97/21344

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 60/031,207 (32) **19 Nov/nov 1996** (33) US **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07D 401/04, 471/04, 487/04, A61K 31/44, 31/505 // (C07D 471/04, 221:00, 209:00) (C07D 487/04, 241:00, 209:00) (C07D 487/04, 239:00, 209:00)

(54) ARYL AND HETEROARYL SUBSTITUTED FUSED PYRROLE ANTIINFLAMMATORY AGENTS
AGENTS ANTI–INFLAMMATOIRES A BASE DE PYRROLE CONDENSE A SUBSTITUTION ARYLE ET HETEROARYLE

(71) **AMGEN INC.** [US/US]; Amgen Center, 1840 De Havilland Drive, Thousand Oaks, CA 91320–1789 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZABLOCKI, Jeffery, A.** [US/US]; 385 Lodgewood, Lafayette, CO 80026 (US). **TARLTON, Eugene, Jr.** [US/US]; 1322 El Dorado Drive, Superior, CO 80027 (US). **RIZZI, James, P.** [US/US]; 7180 Longview Drive, Niwot, CO 80503 (US). **MANTLO, Nathan, B.** [US/US]; 2538 Ginny Way, Lafayette, CO 80026 (US).

(74) **ODRE, Steven, M.** et al. / etc.; Amgen, Inc., Amgen Center, 1840 De Havilland Drive, Thousand Oaks, CA 91320–1789 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(22) **10 Nov/nov 1997 (10.11.1997)**

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(31) 60/031,186 (32) **19 Nov/nov 1996** (33) US **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07D 401/06, 401/08, 401/10, 401/12, 407/06, 407/08, 407/10, 407/12, C07C 271/42, 271/56, 271/58, A61K 31/435, 31/35, 31/40, 31/33, 31/27

(54) MULTIVALENT SALTS OF PYRIDOSTIGMINE AND RELATED COMPOUNDS
SELS MULTIVALENTS DE PYRIDOSTIGMINE ET COMPOSES ASSOCIES

(71) **ICN PHARMACEUTICALS, INC.** [US/US]; 3300 Hyland Avenue, Costa Mesa, CA 92626 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **GRANGER, Colin, D.** [GB/GB]; Penralltfach Pembs, Boncath, Whales (GB). **ORR, Robert** [US/US]; 2841 Penasco, San Clemente, CA 92673 (US). **RAMASAMY, Kandasamy** [US/US]; 5 Rocky Creek Lane, Laguna Hills, CA 92653 (US).

(74) **FISH, Robert, D.**; Suite 706, 1440 North Harbor Boulevard, Fullerton, CA 92835 (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 KE LS MW SD SZ UG ZW); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(22) **20 Nov/nov 1997 (20.11.1997)**

(25) fr (26) fr

(31) 96/14217 (32) **21 Nov/nov 1996** (33) FR **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07D 401/12, 401/14, 417/14, 409/14, 405/14, 413/14, A61K 31/445, C07D 211/38

(54) PYRIDIN–2–YL–METHYLAMINE DERIVATIVES, METHOD OF PREPARING AND APPLICATION AS MEDICINE
DERIVES DE LA PYRIDIN–2–YL–METHYLAMINE, LEUR PROCEDE DE PREPARATION ET LEUR APPLICATION COMME MEDICAMENTS

(71) **PIERRE FABRE MEDICAMENT** [FR/FR]; 45, place Abel Gance, F–92100 Boulogne–Billancourt (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VACHER, Bernard** [FR/FR]; 5, rue des Cigales, F–81100 Castres (FR). **BONNAUD, Bernard** [FR/FR]; 75, chemin de Pioch, F–81090 Lagarrigue (FR). **KOEK, Wouter** [NL/FR]; Lotissement "Les Mignonades", F–81290 Viviers–les–Montagnes (FR).

(74) **MARTIN, Jean–Jacques** et al. / etc.; Cabinet Regimbeau, 26, avenue Kléber, F–75116 Paris (FR).

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

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(11) **WO 98/22460** (13) A1

(21) PCT/GB97/03154

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 9623860.5 (32) **15 Nov/nov 1996** (33) GB **(15.11.1996)**

(31) 9708062.6 (32) **22 Apr/avr 1997** (33) GB **(22.04.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07D 401/12, 413/12, 413/14, 417/14, A61K 31/44

(54) BICYCLIC ARYL CARBOXAMIDES AND THEIR THERAPEUTIC USE
CARBOXAMIDES D'ARYLE BICYCLIQUES ET UTILISATION THERAPEUTIQUE DE CES DERNIERS

(71) **DARWIN DISCOVERY LIMITED** [GB/GB]; Cambridge Science Park, Milton Road, Cambridge CB4 4WE (GB).

(72) **DYKE, Hazel, Joan**; Chiroscience Limited, Cambridge Science Park, Milton Road, Cambridge CB4 4WE (GB). **MONTANA, John, Gary**; Chiroscience Limited, Cambridge Science Park, Milton Road, Cambrigde CB4 4WE (GB).

(74) **GILL JENNINGS & EVERY**; Broadgate House, 7 Eldon Street, London EC2M 7LH (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22461** (13) A1

(21) PCT/EP97/06442

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) de (26) de

(31) 196 47 580.5 (32) **18 Nov/nov 1996** (33) DE **(18.11.1996)**

(31) 197 07 506.1 (32) **25 Feb/fév 1997** (33) DE **(25.02.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07D 417/06, 493/04, C12P 17/08, A01N 43/78, A61K 31/425 // (C07D 493/04, 313:00, 303:00)

(54) EPOTHILONE C, D, E AND F, PRODUCTION PROCESS, AND THEIR USE AS CYTOSTATIC AS WELL AS PHYTOSANITARY AGENTS
EPOTHILONE C, D, E ET F, MODE DE PREPARATION ET APPLICATION COMME AGENTS CYTOSTATIQUES ET PHYTOSANITAIRES

(71) **GESELLSCHAFT FÜR BIOTECHNOLOGISCHE FORSCHUNG MBH (GBF)** [DE/DE]; Mascheroder Weg 1, D–38124 Braunschweig (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **REICHENBACH, Hans** [DE/DE]; Mascheroder Weg 1, D–38124 Braunschweig (DE). **HÖFLE, Gerhard** [DE/DE]; Mascheroder Weg 1, D–38124 Braunschweig (DE). **GERTH, Klaus** [DE/DE]; Mascheroder Weg 1, D–38124 Braunschweig (DE). **STEINMETZ, Heinrich** [DE/DE]; Mascheroder Weg 1, D–38124 Braunschweig (DE).

(74) **BOETERS, Hans, D.** et al. / etc.; Boeters & Bauer, Bereiteranger 15, D–81541 München (DE).

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

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(11) **WO 98/22462** (13) A1

(21) PCT/GB97/02987

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) en (26) en

(31) 9623944.7 (32) **15 Nov/nov 1996** (33) GB **(15.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07D 451/02, A01N 43/90

(54) 8–AZABICYCLO[3.2.1]OCTANE–, 8–AZABICYCLO[3.2.1]OCT–6–ENE–, 9–AZABICYCLO[3.3.1]NONANE–, 9–AZA–3–OXABICYCLO[3.3.1]NONANE–, 9–AZA–3–THIABICYCLO[3.3.1]NONANE DERIVATIVES, THEIR PREPARATION AND THEIR USE AS INSECTICIDES
DERIVES DE 8–AZABICYCLO[3.2.1.]OCTANE–, 8–AZABICYCLO[3.2.1.]OCT–6–ENE–, 9–AZABICYCLO[3.3.1.]NONANE–, 9–AZA–3–OXABICYCLO[3.3.1.]NONANE–, 9–AZA–3–THIABICYCLO[3.3.1.]NONANE, LEUR PREPARATION ET LEUR UTILISATION EN TANT QU'INSECTICIDES

(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) **BISHOP, Nigel, Douglas** [GB/GB]; (GB). **URCH, Christopher, John** [GB/GB]; (GB). **LEWIS, Terence** [GB/GB]; (GB). **SUNLEY, Raymond, Leo** [GB/GB]; (GB). **SALMON, Roger** [GB/GB]; (GB). **GODFREY, Christopher, Richard, Ayles** [GB/GB]; Zeneca Agrochemicals, Jealott's Hill Research Station, Bracknell, Berkshire RG42 6ET (GB).

(74) **TIERNEY, Francis, John** et al. / etc.; Zeneca Agrochemicals, Intellectual Property Dept., Jealott's Hill Research Station, P.O. Box 3538, Bracknell, Berkshire RG42 6YA (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22463** (13) A1

(21) PCT/GB97/02990

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) en (26) en

(31) 9624114.6 (32) **20 Nov/nov 1996** (33) GB **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07D 451/02, A01N 43/90

(54) BICYCLIC AMINE DERIVATIVES
DERIVES D'AMINE BICYCLIQUE

(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) **URCH, Christopher, John** [GB/GB]; (GB). **LEWIS, Terence** [GB/GB]; (GB). **SUNLEY, Raymond, Leo** [GB/GB]; Zeneca Agrochemicals, Jealott's Hill Research Station, Bracknell, Berkshire RG42 6ET (GB).

(74) **TIERNEY, Francis, John** et al. / etc.; Zeneca Agrochemicals, Intellectual Property Dept., Jealott's Hill Research Station, P.O. Box 3538, Bracknell, Berkshire RG42 6YA (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22464** (13) A1

(21) PCT/GB97/03153

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 9623859.7 (32) **15 Nov/nov 1996** (33) GB **(15.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07D 473/06, A61K 31/52

(54) XANTHINES AND THEIR THERAPEUTIC USE
XANTHINES ET UTILISATION THERAPEUTIQUE DE CES DERNIERES

(71) **DARWIN DISCOVERY LIMITED** [GB/GB]; Cambridge Science Park, Milton Road, Cambridge CB4 4WE (GB).

(72) **DYKE, Hazel, Joan**; Chiroscience Limited, Cambridge Science Park, Milton Road, Cambridge CB4 4WE (GB). **MONTANA, John, Gary**; Chiroscience Limited, Cambridge Science Park, Milton Road, Cambridge CB4 4WE (GB).

(74) **GILL JENNINGS & EVERY**; Broadgate House, 7 Eldon Street, London EC2M 7LH (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22465** (13) A1

(21) PCT/US97/21045

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 08/753,048 (32) **19 Nov/nov 1996** (33) US **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07D 473/06, A61K 31/52, G01N 33/06, 33/60

(54) A_1 ADENOSINE RECEPTOR ANTAGONISTS
ANTAGONISTES DU RECEPTEUR A_1 D'ADENOSINE

(63) US 08/753,048 (CIP)
19 Nov/nov 1996 (19.11.1996)

(71) **LINK TECHNOLOGY, INC.** [US/US]; Suite 110, 16 East Rowan Street, Raleigh, NC 27609–5750 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NEELY, Constance, F.** [US/US]; 6914 Hunters Way, Raleigh, NC 27615 (US).

(74) **BENNETT, Virginia, C.** et al. / etc.; Myers, Bigel, Sibley, & Sajovec, L.L.P., P.O. Box 37428, Raleigh, NC 27627 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22466** (13) A1

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(25) de (26) de

(31) 196 47 899.5 (32) **20 Nov/nov 1996 (20.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07D 487/04, 453/04, C08G 65/00

(54) PROCESS FOR PREPARING MeO–Peg–PROTECTED DIHYDROQUININE OR DIHYDROQUINIDINE DERIVATIVES, NEW DIHYDROQUININE OR DIHYDROQUINIDINE DERIVATIVES AND THEIR USE
PROCEDE DE PREPARATION DE DERIVES DE DIHYDROQUININE OU DE DIHYDROQUINIDINE A MeO–Peg PROTEGE, NOUVEAUX DERIVES DE DIHYDROQUININE OU DE DIHYDROQUINIDINE ET LEUR UTILISATION

(71) **DEGUSSA AKTIENGESELLSCHAFT** [DE/DE]; Weissfrauenstrasse 9, D–60311 Frankfurt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOLM, Carsten** [DE/DE]; Nizzaallee 44, D–52072 Aachen (DE). **GERLACH, Arne** [DE/DE]; Theaterstrasse 73, D–52062 Aachen (DE). **DRAUZ, Karlheinz** [DE/DE]; Zur Marienruhe 13, D–63579 Freigericht (DE). **BOMMARIUS, Andreas** [DE/DE]; Waidmannstrasse 7–9, D–60596 Frankfurt (DE).

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

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(11) **WO 98/22467** (13) A1

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(22) **19 Nov/nov 1996 (19.11.1996)**

(25) en (26) en

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07D 489/09, 491/18

(54) NEW PROCESS FOR THE PREPARATION OF MORPHINANS
NOUVEAU PROCEDE DE PREPARATION DE MORPHINANES

(71) **ASTRA AKTIEBOLAG** [SE/SE]; S–151 85 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHMIDHAMMER, Helmut** [AT/AT]; Unterbergerstrasse 18, A–6020 Innsbruck (AT). **SCHWARZ, Peter** [AT/AT]; A–6234 Brandenberg 4B (AT). **WEI, Zhong–Yong** [CA/CA]; 17750 Rue Antoine–Faucon, Pierrefonds, Quebec H9J 3N2 (CA).

(74) **ASTRA AKTIEBOLAG**; Patent Dept., S–151 85 Södertälje (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 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 (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22468** (13) A1

(21) PCT/US97/21535

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 60/033,088 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07D 493/00, 311/02

(54) PSORALEN SENSITIZERS FOR VIRAL INACTIVATION
AGENTS SENSIBILISANTS DU GROUPE DES PSORALENES DESTINES A UNE INACTIVATION VIRALE

(71) **OHIO STATE RESEARCH FOUNDATION** [US/US]; 1960 Kenny Road, Columbus, OH 43210–1063 (US).

(72) **PLATZ, Matthew, S.**; 5999 Rocky Hill Road, Columbus, OH 43235 (US). **CHEN, Tongqian**; Apartment 25A, 500 W. Prospect Road, Fort Collins, CO 80526 (US). **KAGAN, Sashi, S.**; Apartment 213, 1330 Presidential Drive, Columbus, OH 43212 (US). **PEREIRA, Helena, M.**; 154 East Woodruff Avenue, Columbus, OH 43201 (US).

(74) **DOCHERTY, Pamela, A.**; Calfee, Halter & Griswold, LLP, 1400 McDonald Investment Center, 800 Superior Avenue, Cleveland, OH 44114 (US).

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

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(11) **WO 98/22469** (13) A1

(21) PCT/JP97/04226

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) ja (26) ja

(31) 8/311880 (32) **22 Nov/nov 1996 (22.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07D 501/56, 501/24, 501/02

(54) CEPHEM INTERMEDIATES AND PROCESS FOR PRODUCING THE SAME
INTERMEDIAIRES DE CEPHEME ET LEUR PROCEDE DE PRODUCTION

(71) **MEIJI SEIKA KAISHA, LTD.** [JP/JP]; 4–16, Kyobashi 2–chome, Chuo–ku, Tokyo 104 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUSHIHARA, Kenichi** [JP/JP]; Pharmaceutical Research Center, Meiji Seika Kaisha, Ltd., 760, Morooka–cho, Kouhoku–ku, Yokohama–shi, Kanagawa 222 (JP). **SETSU, Fumihito** [JP/JP]; Pharmaceutical Research Center, Meiji Seika Kaisha, Ltd., 760, Morooka–cho, Kouhoku–ku, Yokohama–shi, Kanagawa 222 (JP). **UMEMURA, Eijirou** [JP/JP]; Pharmaceutical Research Center, Meiji Seika Kaisha, Ltd., 760, Morooka–cho, Kouhoku–ku, Yokohama–shi, Kanagawa 222 (JP). **ATSUMI, Kunio** [JP/JP]; Pharmaceutical Research Center, Meiji Seika Kaisha, Ltd., 760, Morooka–cho, Kouhoku–ku, Yokohama–shi, Kanagawa 222 (JP).

(74) **SATO, Kazuo**; Kyowa Patent & Law Office, Fuji Building, Room 323, 2–3, Marunouchi 3–chome, Chiyoda–ku, Tokyo 100 (JP).

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

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(11) **WO 98/22470** (13) A1

(21) PCT/US97/21232

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 08/751,985 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07F 1/02, 3/02, 5/02, 9/02, C08G 79/08

(54) TETRAKIS–PENTAFLUOROPHENYL BORATES FROM PENTAFLUOROPHENYL GRIGNARD REAGENTS
BORATES DE TETRAKIS–PENTAFLUOROPHENYLE TIRES DE REACTIFS DE GRIGNARD DE PENTAFLUOROPHENYLE

(63) US 08/751,985 (CON)
19 Nov/nov 1996 (19.11.1996)

(71) **BOULDER SCIENTIFIC COMPANY** [US/US]; 598 Third Street, P.O. Box 548, Mead, CO 80542 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ASKHAM, Fredric** [US/US]; 549 Arrowhead Drive, Loveland, CO 80537 (US).

(74) **IRONS, Edward, S.**; Suite 950, 700 – 13th Street, N.W., Washington, DC 20005 (US).

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

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(11) **WO 98/22471** (13) A1

(21) PCT/US97/19228

(22) **27 Oct/oct 1997 (27.10.1997)**

(25) en (26) en

(31) 08/749,364 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07F 1/10

(54) ETHYLENEDIAMINETRIACETIC ACID AND N–ACYL ETHYLENEDIAMINETRIACETIC ACID SILVER CHELACTANTS
L'ACIDE ETHYLENEDIAMINETRIACETIQUE ET L'ACIDE N–ACYL ETHYLENEDIAMINETRIACETIQUE COMME CHELATEURS DE L'ARGENT

(71) **HAMPSHIRE CHEMICAL CORP.** [US/US]; 55 Hayden Avenue, Lexington, MA 02173 (US).

(72) **NONOMURA, Arthur, M.**; 311 Depot Road, Boxborough, MA 01719 (US).

(74) **LEMACK, Kevin, S.** et al. / etc.; Nields, Lemack & Dingman, Suite 8, 176 East Main Street, Westboro, MA 01581 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/22472** (13) A1

(21) PCT/JP97/04197

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) ja (26) ja

(31) 8/306910 (32) **18 Nov/nov 1996 (18.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07F 3/06, 7/22, 9/90, 11/00, 13/00, 15/02, C10M 135/18, 139/00, 173/00 // C10N 40:20, 40:24, 80:00

(54) WATER–BASE LUBRICANT CONTAINING SULFUR AS COORDINATE ATOM, AND USE THEREOF
LUBRIFIANT A BASE D'EAU, CONTENANT DU SOUFRE COMME ATOME DE COORDINATION ET LEUR UTILISATION

(71) **TOYOTA JIDOSHA KABUSHIKI KAISHA** [JP/JP]; 1, Toyota–cho, Toyota–shi, Aichi 471 (JP). **MEC INTERNATIONAL CORPORATION** [JP/JP]; 16–1, Kakimoto–cho 7–chome, Toyota–shi, Aichi 471 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **OJIMA, Heijiro** [JP/JP]; 4–7, Shimoshigehara–cho, Kariya–shi, Aichi 448 (JP).

(72, 75) **TAKEUCHI, Masahiko** [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyota–cho, Toyota–shi, Aichi 471 (JP). **IKESUE, Fumio** [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyota–cho, Toyota–shi, Aichi 471 (JP). **KASHIMURA, Noritoshi** [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyota–cho, Toyota–shi, Aichi 471 (JP). **KAWAHARA, Fumio** [JP/JP]; Mec International Corporation, 16–1, Kakimoto–cho 7–chome, Toyota–shi, Aichi 471 (JP). **TOMONO, Mitsuru** [JP/JP]; Mec International Corporation, 16–1, Kakimoto–cho 7–chome, Toyota–shi, Aichi 471 (JP).

(74) **OKADA, Hidehiko** et al. / etc.; Nagoya Chamber of Commerce & Industry Building, 10–19, Sakae 2–chome, Naka–ku, Nagoya–shi, Aichi 460 (JP).

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

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(11) **WO 98/22473** (13) A1

(21) PCT/RU97/00170

(22) **3 Jun/juin 1997 (03.06.1997)**

(25) ru (26) ru

(31) 96122028 (32) **20 Nov/nov 1996 (20.11.1996)** (33) RU

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07F 5/02

(54) METHOD FOR PRODUCING STABLE DIMETHYLAMINEBORAN
PROCEDE DE FABRICATION DE DIMETHYLAMINEBORANE STABLE

(71) **OTKRYTOE AKTSIONERNOE OBSCHESTVO "AVIABOR" DZERZHINSKY OPYTNY ZAVOD AVIATSIONNYKH MATERIALOV** [RU/RU]; Dzerzhinsk, Nizhegorodskaya obl., 606000 (RU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZHELUDOV, Evgeny Alexeevich** [RU/RU]; pr. Tsiolkovskogo, 73–241, Dzerzhinsk, Nizhegorodskaya obl., 606000 (RU). **KHRIPUNOV, Vladimir Petrovich** [RU/RU]; ul. Gastello, II/25–49, Dzerzhinsk, Nizhegorodskaya obl., 606000 (RU). **SUCHKOVA, Olga Viktorovna** [RU/RU]; pr. Lenina, 49–8, Dzerzhinsk, Nizhegorodskaya obl., 606000 (RU). **SOLDATOV, Veniamin Mikhailovich** [RU/RU]; ul. Griboedova, 36b–61, Dzerzhinsk, Nizhegorodskaya obl., 606000 (RU). **SELYAKOV, Boris Alexeevich** [RU/RU]; ul. Tereshkovoi, 26a–17, Dzerzhinsk, Nizhegorodskaya obl., 606000 (RU).

(74) **PATENT SERVICES CENTRE "PATIS"**; ul. Miklukho–Maklaya, 55a, Moscow, 117279 (RU).

(81) DE JP US.

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(11) **WO 98/22474** (13) A1

(21) PCT/RU97/00368

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) ru (26) ru

(31) 96122029 (32) **20 Nov/nov 1996 (20.11.1996)** (33) RU

(31) 96123868 (32) **24 Dec/déc 1996 (24.12.1996)** (33) RU

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07F 5/02, B01J 2/00, 2/20, 2/26

(54) METHOD FOR PRODUCING A GRANULAR THERMO–LABILE SUBSTANCE AND EQUIPMENT FOR REALISING THE SAME
PROCEDE DE FABRICATION DE GRANULES D'UNE SUBSTANCE THERMOLABILE ET INSTALLATION REQUISE

(71) **OTKRYTOE AKTSIONERNOE OBSCHESTVO "AVIABOR" DZERZHINSKY OPYTNY ZAVOD AVIATSIONNYKH MATERIALOV** [RU/RU]; Dzerzhinsk, Nizhegorodskaya obl., 606000 (RU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZHELUDOV, Evgeny Alexeevich** [RU/RU]; pr. Tsiolkovskogo, 73–241, Dzerzhinsk, Nizhegorodskaya obl., 606000 (RU). **SELYAKOV, Boris Alexeevich** [RU/RU]; ul. Tereshkovoi, 26a–17, Dzerzhinsk, Nizhegorodskaya obl., 606000 (RU). **SUCHKOVA, Olga Viktorovna** [RU/RU]; pr. Lenina, 49–8, Dzerzhinsk, Nizhegorodskaya obl., 606000 (RU). **OSIPOV, Nikolai Vladimirovich** [RU/RU]; pr. Tsiolkovskogo, 64–30, Dzerzhinsk, Nizhegorodskaya obl., 606000 (RU). **LUDIN, Alexandr Vasilievich** [RU/RU]; ul. Chapaeva, 67–59, Dzerzhinsk, Nizhegorodskaya obl., 606000 (RU). **BATASHEV, Alexandr Arsentievich** [RU/RU]; ul. Stroitelei, 16–46, Dzerzhinsk, Nizhegorodskaya obl., 606000 (RU). **SOLDATOV, Veniamin Mikhailovich** [RU/RU]; ul. Griboedova, 36b–61, Dzerzhinsk, Nizhegorodskaya obl., 606000 (RU).

(74) **PATENT SERVICES CENTRE "PATIS"**; ul. Miklukho–Maklaya, 55a, Moscow, 117279 (RU).

(81) DE JP US.

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(11) **WO 98/22475** (13) A1

(21) PCT/US97/21071

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 08/754,622 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07F 5/02

(54) SYNTHESIS OF FLUOROPHENYL BORANES
SYNTHESE DE FLUOROPHENYL–BORANES

(63) US 08/754,622 (CON)
21 Nov/nov 1996 (21.11.1996)

(71) **BOULDER SCIENTIFIC COMPANY** [US/US]; 598 Third Street, P.O. Box 548, Mead, CO 80542 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ASKHAM, Fredric** [US/US]; 549 Arrowhead Drive, Loveland, CO 80537 (US).

(74) **IRONS, Edward, S.**; Suite 950, 700 – 13th Street, N.W., Washington, DC 20004 (US).

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

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(11) **WO 98/22476** (13) A1

(21) PCT/US96/18666

(22) **22 Nov/nov 1996 (22.11.1996)**

(25) en (26) en

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07F 7/00, 7/28, 17/00, C08F 4/642, 4/643, B01J 31/00

(54) SYNTHESIS OF TITANOCENES
SYNTHESE DE TITANOCENES

(71) **BOULDER SCIENTIFIC COMPANY** [US/US]; 598 Third Street, P.O. Box 548, Mead, CO 80542 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BLANKENSHIP, Craig** [US/US]; 601 Wade Road, Longmont, CO 80503 (US).

(74) **IRONS, Edward, S.**; Suite 950, 700–13th Street, N.W., Washington, DC 20004 (US).

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

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(11) **WO 98/22477** (13) A1

(21) PCT/US97/21231

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) PCT/US96/18666 (32) **22 Nov/nov 1996 (22.11.1996)** (33) WO

(34) US et al. / etc.

(31) 08/885,805 (32) **30 Jun/juin 1997 (30.06.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07F 7/00, 11/00, 17/00, C08F 4/642

(54) PREPARATION OF CHIRAL TITANOCENES
PREPARATION DE TITANOCENES CHIRAUX

(63) US 08/885,805 (CON)
30 Jun/juin 1997 (30.06.1997)
US PCT/US96/18666 (CIP)
22 Nov/nov 1996 (22.11.1996)

(71) **BOULDER SCIENTIFIC COMPANY** [US/US]; 598 Third Street, P.O. Box 548, Mead, CO 80542 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SULLIVAN, Jeffrey, M.** [US/US]; 3125 Morey Court, Loveland, CO 80537 (US).

(74) **IRONS, Edward, S.**; East Tower, Suite 701, 555 – 13th Street, N.W., Washington, DC 20004 (US).

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

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(11) **WO 98/22478** (13) A1

(21) PCT/US97/21479

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 08/754,974 (32) **22 Nov/nov 1996** (33) US **(22.11.1996)**

(31) 08/911,382 (32) **14 Aug/Août 1997** (33) US **(14.08.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07F 7/02, 7/10

(54) SILICONE MONOMERS AND OLIGOMERS HAVING A CARBOXYL FUNCTIONAL GROUP THEREON
MONOMERES ET OLIGOMERES A SILICONE CONTENANT UN GROUPE FONCTIONNEL CARBOXYLE

(71) **MONA INDUSTRIES, INC.** [US/US]; 76 East 24th Street, Paterson, NJ 07544 (US).

(72) **BERGER, Abe**; 11 Malvern Drive, Summit, NJ 07901 (US). **FOST, Dennis, L.**; 208 N. Van Dien Avenue, Ridgewood, NJ 07450 (US).

(74) **SCHOENBERG, Franklyn** et al. / etc.; 1205 North Kings Highway, Cherry Hill, NJ 08034 (US).

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

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(11) **WO 98/22479** (13) A1

(21) PCT/GB97/03203

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 9624188.0 (32) **21 Nov/nov 1996** (33) GB **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07F 9/113, A61K 31/66, A01N 1/02, G01N 33/50, C12P 19/00, C07F 9/24

(54) PHARMACEUTICAL FORMULATIONS
FORMULATIONS PHARMACEUTIQUES

(71) **GOLDSHIELD DEVELOPMENTS LIMITED** [GB/GB]; Bensham House, 324 Bensham Lane, Thornton Heath, Surrey CR7 7EQ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DOGADINA, Albina Vladimirovna** [RU/RU]; Apartment 83, ul. Gavanskaya 48, St.Petersburg 199406 (RU). **GOUREVITCH, Igor Evgenyevich** [RU/RU]; Apartment 144, ul. Kompozitorov 9, St.Petersburg 194355 (RU). **IONINE, Boris Iosifovich** [RU/RU]; Apartment 83, ul. Garanskay 48, St.Petersburg 199406 (RU).

(74) **McMUNN, Watson, P.**; W.H. Beck, Greener & Co., 7 Stone Buildings, Lincoln's Inn, London WC2A 3SZ (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22480** (13) A1

(21) PCT/GB97/03131

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 9623915.7 (32) **18 Nov/nov 1996** (33) GB **(18.11.1996)**

(31) 9623916.5 (32) **18 Nov/nov 1996** (33) GB **(18.11.1996)**

(31) 9623917.3 (32) **18 Nov/nov 1996** (33) GB **(18.11.1996)**

(31) 9625911.4 (32) **13 Dec/déc 1996** (33) GB **(13.12.1996)**

(31) 9625947.8 (32) **13 Dec/déc 1996** (33) GB **(13.12.1996)**

(31) 9625948.6 (32) **13 Dec/déc 1996** (33) GB **(13.12.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07F 9/30, A61K 31/66, C07F 9/32, 9/6571, 9/40

(54) PHOSPHORUS CONTAINING ARYLOXY OR ARYLTHIO PROPANOLAMINE DERIVATIVES
DERIVES DE PROPANOLAMINE ARYLOXY OU ARYLTHIO CONTENANT DU PHOSPHORE

(71) **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) **BEELEY, Lee, James** [GB/GB]; SmithKline Beecham Pharmaceuticals, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). **BERGE, John, Michael** [GB/GB]; SmithKline Beecham Pharmaceuticals, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). **DEAN, David, Kenneth** [GB/GB]; SmithKline Beecham Pharmaceuticals, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). **RAMI, Harshad, Kantilal** [GB/GB]; SmitkKline Beecham Pharmaceuticals, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).

(74) **RUTTER, Keith**; SmithKline Beecham, Corporate Intellectual Property, Two New Horizons Court, Brentford, Middlesex TW8 9EP (GB).

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

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(11) **WO 98/22481** (13) A1

(21) PCT/EP97/06480

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) de (26) de

(31) 196 47 886.3 (32) **20 Nov/nov 1996** (33) DE **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07F 9/40, A61K 31/66, A01N 57/18, C07F 9/38, 9/655, 9/6553, 9/58 // C07M 7:00

(54) ARYL–SUBSTITUTED AMINOACYLATED PHOSPHONIC ACIDS AND THE SEMIESTERS THEREOF
ACIDES PHOSPHONIQUES AMINOACYLES ARYL–SUBSTITUES, ET LEURS SEMI–ESTERS

(71) **DEGUSSA AKTIENGESELLSCHAFT** [DE/DE]; Weissfrauenstrasse 9, D–60311 Frankfurt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHMIDT, Ute** [DE/DE]; Haus 17, D–18184 Neu Roggentin (DE). **OEHME, Günther** [DE/DE]; Am Feldrain 56, D–18059 Rostock (DE). **KRAUSE, Hanswalter** [DE/DE]; Lange Strasse 26, D–18055 Rostock (DE). **FISCHER, Christine** [DE/DE]; Parkstrasse 38, D–18119 Rostock–Warnemünde (DE).

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

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(11) **WO 98/22482** (13) A1

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(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) FI96A000272 (32) **21 Nov/nov 1996** (33) IT **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07F 9/50, 15/00, B01J 31/24

(54) 1,3–DIPHOSPHINOPROPANE LIGANDS AND TRANSITION METAL COMPLEXES FORMED THEREFROM, THEIR PREPARATION AND USE
LIGANDS DE 1,3–DIPHOSPHINOPROPANE ET COMPLEXES DE METAUX DE TRANSITION FORMES A PARTIR DESDITS LIGANDS, LEUR PREPARATION ET UTILISATION

(71) **CONSIGLIO NAZIONALE DELLE RICERCHE** [IT/IT]; Piazzale Aldo Moro, 7, I–00185 Rome (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BIANCHINI, Claudio** [IT/IT]; Viale Fossombroni, 10, I–50136 Florence (IT). **MELI, Andrea** [IT/IT]; Via Ramazzini, 25, I–50135 Florence (IT). **VIZZA, Francesco** [IT/IT]; Via Faliero Vezzani, 19, I–50141 Florence (IT).

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

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

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(11) **WO 98/22483** (13) A1

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(22) **14 Nov/nov 1997 (14.11.1997)**

(25) de (26) de

(31) 96118410.8 (32) **16 Nov/nov 1996** (33) EP **(16.11.1996)**

(34) AT et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07F 9/59, A61K 31/675, C07F 9/572, 9/553

(54) NEW PHOSPHONATES, PROCESS FOR PREPARING THE SAME AND MEDICAMENTS
NOUVEAUX PHOSPHONATES, LEUR PROCEDE DE PREPARATION ET MEDICAMENTS

(71) **BOEHRINGER MANNHEIM GMBH** [DE/DE]; D–68298 Mannheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KUCZNIERZ, Ralf** [DE/DE]; Sonnenwendstrasse 41, D–67098 Bad Dürkheim (DE). **LEINERT, Herbert** [DE/DE]; Essigkamm 11, D–64646 Heppenheim (DE). **VON DER SAAL, Wolfgang** [DE/DE]; Wachenbergstrasse 9, D–69469 Weinheim (DE). **NEIDLEIN, Richard** [DE/DE]; Mümmelmannweg 3, D–69118 Heidelberg (DE). **KEHR, Christiane** [DE/DE]; Fichtestrasse 22, D–13467 Berlin (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22484** (13) A1

(21) PCT/EP97/06358

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) MI96A002424 (32) **20 Nov/nov 1996 (20.11.1996)** (33) IT

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07F 9/655, B01J 31/28, C07F 9/6553, C07C 45/50 // C07M 7/00

(54) HETEROARYLIC–ARYLIC DIPHOSPHINES AS CHIRAL LIGANDS
DIPHOSPHINES DU TYPE HETEROARYLIQUE–ARYLIQUE EN TANT QUE LIGANDS CHIRAUX

(71) **CHEMI S.P.A.** [IT/IT]; Via Vadisi, 5, I–03010 Patrica (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SANNICOLO', Francesco** [IT/IT]; Via Alzaia Naviglio Grande, 46, I–20144 Milano (IT). **BENINCORI, Tiziana** [IT/IT]; Via Pacini, 39, I–20131 Milano (IT). **ANTOGNAZZA, Patrizia** [IT/IT]; Via A. Volta, 1, I–22070 Locate Varesino (IT). **GLADIALI, Serafino** [IT/IT]; Via Sironi, 4, I–07100 Sassari (IT).

(74) **TRUPIANO, Roberto** et al. / etc.; Brevetti Europa S.r.l., Piazza Bernini, 6, I–20133 Milano (IT).

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

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(11) **WO 98/22485** (13) A1

(21) PCT/EP97/06327

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) de (26) de

(31) 196 47 584.8 (32) **18 Nov/nov 1996 (18.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07F 15/00 // B01J 31/24

(54) NEW DIPALLADAPHOSPHACYCLOBUTANES AND A PROCESS FOR PREPARING THE SAME
NOUVEAUX PALLADAPHOSPHACYCLOBUTANES ET LEUR PROCEDE DE PREPARATION

(71) **HOECHST RESEARCH & TECHNOLOGY DEUTSCHLAND GMBH & CO. KG** [DE/DE]; Brüningstrasse 50, D–65929 Frankfurt am Main (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GEISSLER, Holger** [DE/DE]; Uferstrasse 29, D–55116 Mainz (DE). **GROSS, Peter** [DE/DE]; Gottfried–Kellerstrasse 2, D–65451 Kelsterbach (DE). **GUCKES, Bianca** [DE/DE]; Ringstrasse 14, D–65529 Waldems (DE).

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

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(11) **WO 98/22486** (13) A1

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(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 96118369.6 (32) **15 Nov/nov 1996 (15.11.1996)** (33) EP

(34) NL et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07F 17/00, C08F 10/00, C07F 7/08, 7/10, 5/02, C07D 495/04, 487/04, 333/78, 317/70, C07F 9/6568

(54) HETEROCYCLIC METALLOCENES AND POLYMERIZATION CATALYSTS
METALLOCENES HETEROCYCLIQUES ET CATALYSEURS DE POLYMERISATION

(71) **MONTELL TECHNOLOGY COMPANY B.V.** [NL/NL]; Hoeksteen 66, NL–2132 MS Hoofddorp (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EWEN, John, A.** [US/US]; 14311 Golf View Trail, Houston, TX 77059 (US). **ELDER, Michael, J.** [US/IT]; Corso della Giovecca, 140, I–44100 Ferrara (IT). **JONES, Robert, L., Jr.** [US/IT]; Via Carlo Mayr, 110, I–44100 Ferrara (IT). **DUBITSKY, Yuri, A.** [RU/IT]; Via Valassina, 45, I–20159 Milano (IT).

(74) **ZANOLI, Enrico**; Montell Italia S.p.A., Intellectual Property, Via Pergolesi, 25, I–20124 Milano (IT) et al. / etc.

(81) AU BR CA CN CZ HU ID IL JP KR MX NO PL RU SG TR US VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22487** (13) A1

(21) PCT/CA97/00866

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/751,510 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(31) 08/751,231 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07H 5/10, A61K 31/70

(54) COMBINATORIAL SYNTHESIS OF CARBOHYDRATE LIBRARIES
SYNTHESE COMBINATOIRE DE BANQUES D'HYDRATES DE CARBONE

(71) **SYNSORB BIOTECH, INC.** [CA/CA]; 201, 1204 Kensington Road, N.W., Calgary, Alberta T2N 3P5 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HINDSGAUL, Ole** [CA/CA]; 9330 81 Avenue, Edmonton, Alberta T6C 0X3 (CA).

(74) **DEETH WILLIAMS WALL**; National Bank Building, Suite 400, 150 York Street, Toronto, Ontario M5H 3S5 (CA).

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

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(11) **WO 98/22488** (13) A1

(21) PCT/US97/20836

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 08/754,867 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07H 17/08

(54) PROCESS FOR PREPARATION OF N–DEMETHYL–4"–DEOXY–ERYTHROMYCINS A AND B
PROCEDE DE PREPARATION DE N–DEMETHYL–4"–DESOXY–ERYTHROMYCINES A ET B

(71) **ABBOTT LABORATORIES** [US/US]; CHAD 0377/AP6D–2, 100 Abbott Park Road, Abbott Park, IL 60064–3500 (US).

(72) **PREMCHANDRAN, Ramiya, H.**; 6658 Foxworth Lane, Gurnee, IL 60031 (US). **THOMAS, Albert, V.**; 461 Evergreen Drive, Vernon Hills, IL 60061 (US). **BUSSE, Juliette, K.**; 4002 Carmel Brooksway, San Diego, CA 92130 (US). **DETE, John, E.**; 309 N. Jackson Street, Waukegan, IL 60085 (US).

(74) **ANAND, Mona** et al. / etc.; Abbott Laboratories, CHAD 0377/AP6D–2, 100 Abbott Park Road, Abbott Park, IL 60064–3500 (US).

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

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(11) **WO 98/22489** (13) A1

(21) PCT/JP97/04187

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) ja (26) ja

(31) 8/306585 (32) **18 Nov/nov 1996 (18.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07H 21/00, 19/06, 19/16, A61K 31/70

(54) NOVEL NUCLEOTIDE ANALOGUES
NOUVEAUX ANALOGUES DE NUCLEOTIDES

(71, 72) **IMANISHI, Takeshi** [JP/JP]; 2–18, Chiyogaoka 2–chome, Nara–shi, Nara 631 (JP).

(74) **SHAMOTO, Ichio** et al. / etc.; Yuasa and Hara, New Ohtemachi Building, Section 206, 2–1, Ohtemachi 2–chome, Chiyoda–ku, Tokyo 100 (JP).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH HU ID IL IS KE KG KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22490** (13) A1

(21) PCT/US97/20806

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/753,242 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07H 21/02, B01D 59/44

(54) DIRECT METHODS FOR MOLAR–MASS DETERMINATION OF FRAGMENTS OF HAEMOPHILUS INFLUENZAE TYPE b CAPSULAR POLYSACCHARIDES AND VACCINE PREPARATION
PROCEDES DIRECTS DE DETERMINATION DE LA MASSE MOLAIRE DE FRAGMENTS DE POLYSACCHARIDES CAPSULAIRES D'*HAEMOPHILUS INFLUENZAE* DE TYPE b ET DE PREPARATION DE VACCINS

(71) **NORTH AMERICAN VACCINE, INC.** [US/US]; 12103 Indian Creek Court, Beltsville, MD 20705–4223 (US).

(72) **MICHON, Francis**; Apartment 2C, 9735 County Meadow Lane, Laurel, MD 20723 (US). **D'AMBRA, Anello, J.**; 8790 Cloudleap Court #11, Columbia, MD 21045–3020 (US).

(74) **MARCUS, Michael, S.** et al. / etc.; Morgan & Finnegan, L.L.P., 345 Park Avenue, New York, NY 10154–0053 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22491** (13) A1

(21) PCT/US97/20201

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 08/752,307 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07H 21/04, C07K 14/47, C12N 5/16, 15/70, 15/79, C12Q 1/68

(54) METHOD FOR IDENTIFYING GENES ENCODING NOVEL SECRETED OR MEMBRANE–ASSOCIATED PROTEINS
PROCEDE POUR IDENTIFIER DES GENES CODANT DE NOUVELLES PROTEINES SECRETEES OU ASSOCIEES A DES MEMBRANES

(71) **MILLENNIUM BIOTHERAPEUTICS, INC.** [US/US]; 5th floor, 238 Main Street, Cambridge, MA 02142 (US).

(72) **McCARTHY, Sean, Anthony**; Apartment 103, 145 Pinckney Street, Boston, MA 02114 (US). **GEARING, David, Paul**; 23 Standish Road, Wellesley, MA 02181 (US). **LEVINSON, Douglas, Adam**; 111 Maple Street, Sherborn, MA 01770 (US).

(74) **MEIKLEJOHN, Anita, L.**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110 (US).

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

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(11) **WO 98/22492** (13) A1

(21) PCT/US97/20882

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 08/752,919 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07H 21/04, C12N 15/00, 5/10, 5/16

(54) NUCLEOTIDE AND PROTEIN SEQUENCES OF LIVER ACTIVIN/INHIBIN AND METHODS BASED THEREON
SEQUENCES NUCLEOTIDIQUES ET PROTEIQUES D'ACTIVINE/INHIBINE DU FOIE ET PROCEDES AFFERENTS

(71) **THE REGENTS OF THE UNIVERSITY OF MICHIGAN** [US/US]; Wolverine Tower, Room 2071, 3003 South State Street, Ann Arbor, MI 48109–1280 (US).

(72) **BONADIO, Jeffrey**; 1870 Briar Ridge Drive, Ann Arbor, MI 48108 (US). **FANG, Jianming**; 2566 Stone Road, Ann Arbor, MI 48105 (US).

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

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22493** (13) A2

(21) PCT/US97/18704

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 08/755,334 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07K 5/00, A61K 38/00

(54) N–(ARYL/HETEROARYL) AMINO ACID DERIVATIVES, PHARMACEUTICAL COMPOSITIONS COMPRISING SAME, AND METHODS FOR INHIBITING β–AMYLOID PEPTIDE RELEASE AND/OR ITS SYNTHESIS BY USE OF SUCH COMPOUNDS
DERIVES DE N–(ARYL/HETEROARYL) AMINOACIDE, COMPOSITIONS PHARMACEUTIQUES LES CONTENANT ET PROCEDES PERMETTANT D'INHIBER LA LIBERATION DE PEPTIDE β AMYLOIDE ET/OU SA SYNTHESE A L'AIDE DE CES COMPOSES

(71) **ATHENA NEUROSCIENCES, INC.** [US/US]; 800 Gateway Boulevard, South San Francisco, CA 94080 (US). **ELI LILLY & 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). **FOLMER, Beverly, K.** [US/US]; 26 Currant Drive, Newark, DE 19702 (US). **JOHN, Varghese** [US/US]; 1722 18th Avenue, San Francisco, CA 94122 (US). **LATIMER, Lee, H.** [US/US]; 56 Sheridan Road, Oakland, CA 94618 (US). **NISSEN, Jeffrey, S.** [US/US]; 4348 Oil Creek Drive, Indianapolis, IN 46268 (US). **PORTER, Warren, J.** [US/US]; 8037 Lieber Road, Indianapolis, IN 46260 (US). **THORSETT, Eugene, D.** [US/US]; 571 Buena Vista Street, Moss Beach, CA 94038 (US). **WU, Jing** [CN/US]; Apartment 502, 10 De Sabla Road, San Mateo, CA 94402 (US).

(74) **SWISS, Gerald, F.** et al. / etc.; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313–1404 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22494** (13) A2

(21) PCT/US97/20804

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/755,442 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(31) 08/808,528 (32) **28 Feb/fév 1997 (28.02.1997)** (33) US

(31) 08/807,528 (32) **28 Feb/fév 1997 (28.02.1997)** (33) US

(31) 08/807,427 (32) **28 Feb/fév 1997 (28.02.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07K 5/00, 5/06, 237/22

(54) METHODS AND COMPOUNDS FOR INHIBITING β–AMYLOID PEPTIDE RELEASE AND/OR ITS SYNTHESIS
METHODES ET COMPOSES DESTINES A INHIBER LA LIBERATION ET/OU LA SYNTHESE DU PEPTIDE β–AMYLOIDE

(71) **ATHENA NEUROSCIENCES, INC.** [US/US]; 800 Gateway Boulevard, South San Francisco, CA 94080 (US). **ELI LILLY & 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). **BRITTON, Thomas, C.** [US/US]; 4700 Royal Oak Lane, Carmel, IN 46033 (US). **DROSTE, James, J.** [US/US]; 7430 Wood Stream Drive, Indianapolis, IN 46254 (US). **FOLMER, Beverly, K.** [US/US]; 26 Currant Drive, Newark, DE 19702 (US). **HUFFMAN, George, W.** [US/US]; 12 Maple Crest Drive, Carmel, IN 46032 (US). **JOHN, Varghese** [US/US]; 1722 18th Avenue, San Francisco, CA 94122 (US). **LATIMER, Lee, H.** [US/US]; 56 Sheridan Road, Oakland, CA 94618 (US). **MABRY, Thomas, E.** [US/US]; 8104 Hi–Vu Drive, Indianapolis, IN 46227 (US). **NISSEN, Jeffrey, S.** [US/US]; 4348 Oil Creek Drive, Indianapolis, IN 46268 (US). **PORTER, Warren, J.** [US/US]; 8037 Lieber Road, Indianapolis, IN 46260 (US). **REEL, Jon, K.** [US/US]; 14701 Alsong Court, Carmel, IN 46032 (US). **THORSETT, Eugene, D.** [US/US]; 571 Buena Vista Street, Moss Beach, CA 94038 (US). **TUNG, Jay, S.** [US/US]; 2224 Semeria Avenue, Belmont, CA 94002 (US). **WU, Jing** [CN/US]; Apartment 502, 10 De Sabla Road, San Mateo, CA 94402 (US). **EID, Clark, Norman** [US/US]; 53 Dundee Drive, Cheshire, CT 06410 (US). **SCOTT, William, Leonard** [US/US]; 144 Buckingham Drive, Indianapolis, IN 46208 (US).

(74) **SWISS, Gerald, F.** et al. / etc.; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313–1404 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22495** (13) A2

(21) PCT/US97/21720

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 60/031,285 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(31) 60/064,792 (32) **10 Nov/nov 1997 (10.11.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07K 7/00, G01N 33/68

(54) ANTIKININ COMPOUNDS AND USES THEREOF
COMPOSES D'ANTIKININE ET LEURS UTILISATIONS

(63) US 60/031,285 (CIP)
20 Nov/nov 1996 (20.11.1996)
US 60/064,792 (CIP)

10 Nov/nov 1997 (10.11.1997)

(71) **MEDICAL UNIVERSITY OF SOUTH CAROLINA** [US/US]; 171 Ashley Avenue, Charleston, SC 29485 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARGOLIUS, Harry, S.** [–/US]; 206 Molasses Lane, Mt. Pleasant, SC 29464 (US).

(74) **KIRSCH, Gregory, J.** et al. / etc.; Needle & Rosenberg, P.C., Suite 1200, 127 Peachtree Street, N.E., Atlanta, GA 30303 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22496** (13) A2

(21) PCT/EP97/06189

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 9623908.2 (32) **18 Nov/nov 1996 (18.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07K 7/06, A61K 38/08

(54) ANTIVIRAL PEPTIDE DERIVATIVES
DERIVES PEPTIDIQUES ANTIVIRAUX

(71) **F. HOFFMANN–LA ROCHE AG** [CH/CH]; Grenzacherstrasse 124, CH–4070 Basle (CH).

(72) **ATTWOOD, Michael, Richard**; 22 Benslow Rise, Hitchin, Herts. SG4 9QX (GB). **HURST, David, Nigel**; 23 Cubitts Close, Welwyn, Herts. AL6 0DL (GB). **JONES, Philip, Stephen**; 58 Digswell Rise, Welwyn Garden City, Herts. AL8 7PW (GB). **KAY, Paul, Brittain**; 6 Mercia Road, Baldock, Herts. SG7 6RZ (GB). **RAYNHAM, Tony, Michael**; Braemar, High Road, Laindon, Basildon, Essex SS16 6BU (GB). **WILSON, Francis, Xavier**; 11 Great Conduit, Welwyn Garden City, Herts. AL7 2DH (GB).

(74) **MEZGER, Wolfgang**; Grenzacherstrasse 124, CH–4070 Basle (CH).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22497** (13) A1

(21) PCT/CA97/00875

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 2,190,679 (32) **19 Nov/nov 1996 (19.11.1996)** (33) CA

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07K 7/22

(54) PREPROTACHYKININ–C GENE ENCODING SUBSTANCE Z TACHYKININ PRECURSOR
GENE DE LA PREPROTACHYKININE–C CODANT LE PRECURSEUR D'UNE TACHYKININE DENOMMEE SUBSTANCE Z

(71) **THE WELLESLEY HOSPITAL FOUNDATION** [CA/CA]; 160 Wellesley Street East, Toronto, Ontario M4Y 1J3 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PAIGE, Christopher, J.** [US/US]; 34 B Balmoral Avenue, Toronto, Ontario M4V 1J5 (CA). **WU, Gillian, E.** [CA/CA]; 143 Coller Street, Toronto, Ontario M4W 1M2 (CA). **ZHANG, Yu** [CN/CN]; Apartment 1519, 650 Parliament Street, Toronto, Ontario M4X 1R3 (CA).

(74) **BARTOSZEWICZ, Lola, A.**; Sim & McBurney, 6th floor, 330 University Avenue, Toronto, Ontario M5G 1R7 (CA).

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

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(11) **WO 98/22498** (13) A1

(21) PCT/JP97/04194

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) PO 3715 (32) **19 Nov/nov 1996 (19.11.1996)** (33) AU

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07K 7/56, A61K 38/12

(54) CYCLIC HEXAPEPTIDES HAVING ANTIBIOTIC ACTIVITY
HEXAPEPTIDES CYCLIQUES AYANT UNE ACTIVITE ANTIBIOTIQUE

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

(72, 75) **KANASAKI, Ryuichi** [JP/JP]; 3–41–1, Shintoride, Toride–shi, Ibaraki 302 (JP). **TAKASE, Shigehiro** [JP/JP]; 1–12–10, Sousha, Ishioka–shi, Ibaraki 315 (JP). **HASHIMOTO, Michizane** [JP/JP]; 3–11–3, Namiki, Tsuchiura–shi, Ibaraki 300 (JP). **HATANAKA, Hiroshi** [JP/JP]; 3–12–21, Matsugaoka, Moriyamachi, Kitasouma–gun, Ibaraki 302–01 (JP). **SAKAMOTO, Kazutoshi** [JP/JP]; 2–17–14, Ottominami, Tsuchiura–shi, Ibaraki 300 (JP). **HASHIMOTO, Seiji** [JP/JP]; 1194–1, Sasagi, Tsukuba–shi, Ibaraki 305 (JP). **SHIRAISHI, Nobuyuki** [JP/JP]; 2–2–10, Midorigaoka, Ikeda–shi, Osaka 563 (JP). **OHKI, Hidenori** [JP/JP]; 4–4–13–107, Nakasuji, Takarazuka–shi, Hyogo 665 (JP). **KAWABATA, Kohji** [JP/JP]; 2–5–30, Maruyamadai, Kawanishi–shi, Hyogo 666–01 (JP).

(74) **SEKI, Hideo**; Fujisawa Pharmaceutical Co., Ltd., Osaka Factory, 1–6, Kashima 2–chome, Yodogawa–ku, Osaka–shi, Osaka 532 (JP).

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

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(11) **WO 98/22499** (13) A2

(21) PCT/CA97/00868

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 2,190,418 (32) **15 Nov/nov 1996 (15.11.1996)** (33) CA

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07K 14/00

(54) NEURON AND NEURAL TUMOUR GROWTH REGULATORY SYSTEM, ANTIBODIES THERETO AND USES THEREOF
SYSTEME DE REGULATION DE LA CROISSANCE TUMORALE NEURONALE ET NEURALE, ANTICORPS DESTINES A CET EFFET ET UTILISATIONS DE CEUX–CI

(71, 72) **McKERRACHER, Lisa, Joan** [CA/CA]; 3816 Draper Avenue, Montreal, Quebec H4A 2D1 (CA). **DAVID, Samuel** [CA/CA]; 58 Oxford, Baie d'Urfé, Quebec H9X 2T5 (CA). **BRAUN, Peter, Erich** [CA/CA]; 4098 Highland Avenue, Montreal, Quebec H3G 1Y6 (CA). **XIAO, Zhi–Cheng** [CN/CN]; Apartment 505, 4530 Cote des Neiges, Montreal, Quebec H3V 1G1 (CA).

(74) **MBM & CO.**; P.O. Box 809, Station B, Ottawa, Ontario K1P 5P9 (CA).

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

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(11) **WO 98/22500** (13) A2

(21) PCT/US97/22422

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 60/031,665 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(31) 60/042,093 (32) **28 Mar/mar 1997 (28.03.1997)** (33) US

(31) 08/975,653 (32) **21 Nov/nov 1997 (21.11.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07K 14/405, 14/78, A61K 38/39

(54) MODULATION OF INTERACTIONS BETWEEN MYOSIN AND INTEGRINS
MODULATION D'INTERACTIONS ENTRE MYOSINE ET INTEGRINES

(71) **COR THERAPEUTICS, INC.** [US/US]; 256 E. Grand Avenue, South San Francisco, CA 94080 (US).

(72) **JENKINS, Alison, L.**; 526 Judah Street, San Francisco, CA 94022 (US). **PHILLIPS, David, R.**; 45 Parrott Drive, San Mateo, CA 94402 (US).

(74) **ADLER, Reid, G.** et al. / etc.; Morgan, Lewis & Bockius, 1800 M Street, N.W., Washington, DC 20036 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22501** (13) A2

(21) PCT/US97/21123

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 08/752,912 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(31) 08/800,826 (32) **14 Feb/fév 1997 (14.02.1997)** (33) US

(31) 08/971,786 (32) **17 Nov/nov 1997 (17.11.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07K 14/435, C12N 5/10, C07K 14/47, A61K 38/17

(54) SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM
PROTEINES SECRETES ET POLYNUCLEOTIDES QUI LES CODENT

(71) **GENETICS INSTITUTE, INC.** [US/US]; 87 CambridgePark Drive, Cambridge, MA 02140 (US).

(72) **JACOBS, Kenneth**; 151 Beaumont Avenue, Newton, MA 02160 (US). **MCCOY, John, M.**; 56 Howard Street, Reading, MA 01867 (US). **LAVALLIE, Edward, R.**; 90 Green Meadow Drive, Tewksbury, MA 01876 (US). **RACIE, Lisa, A.**; 124 School Street, Acton, MA 01720 (US). **MERBERG, David**; 2 Orchard Drive, Acton, MA 01720 (US). **TREACY, Maurice**; 93 Walcott Road, Chestnut Hill, MA 02167 (US). **SPAULDING, Vikki**; 11 Meadowbank Road, Billerica, MA 01821 (US). **AGOSTINO, Michael, J.**; 26 Wolcott Avenue, Andover, MA 01810 (US).

(74) **SPRUNGER, Suzanne, A.**; Genetics Institute, Inc., 87 CambridgePark Drive, Cambridge, MA 02140 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22502** (13) A1

(21) PCT/US97/21517

(22) **24 Nov/nov 1997 (24.11.1997)**

(25) en (26) en

(31) 08/755,559 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07K 14/435, C12N 1/20, 15/63, 21/04, C12P 21/06

(54) GENE PRODUCT OVER EXPRESSED IN CANCER CELLS
PRODUIT GENETIQUE EXCEDENTAIRE DANS LES CELLULES CANCEREUSES

(71) **DUKE UNIVERSITY** [US/US]; 230 North Building, Research Drive, Box 90083, Durham, NC 27708–0083 (US).

(72) **KAUFMAN, Russel, E.**; 3902 Hope Valley Road, Durham, NC 27707 (US). **SLENTZ–KESLER, Kimberly, A.**; Duke University, Carl Building, Room 226, Durham, NC 27710 (US).

(74) **WILSON, Mary, J.**; Nixon & Vanderhye P.C., 8th floor, 1100 North Glebe Road, Arlington, VA 22201–4714 (US).

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

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(11) **WO 98/22503** (13) A2

(21) PCT/NL97/00624

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) nl (26) en

(31) 1004539 (32) **15 Nov/nov 1996 (15.11.1996)** (33) NL

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07K 14/47, 16/18, G01N 33/564

(54) PEPTIDE DERIVED FROM AN ANTIGEN RECOGNIZED BY AUTOANTIBODIES FROM PATIENTS WITH RHEUMATOID ARTHRITIS, ANTIBODY DIRECTED AGAINST SAID PEPTIDE, A COMBINATORIAL ANTIGEN, AND A METHOD OF DETECTING AUTO–IMMUNE ANTIBODIES
PEPTIDE DERIVE D'UN ANTIGENE RECONNU PAR DES AUTO–ANTICORPS PROVENANT DE PATIENTS SOUFFRANT DE POLYARTHRITE RHUMATOIDE, ANTICORPS DIRIGE CONTRE CE PEPTIDE, ANTIGENE COMBINATOIRE ET PROCEDE DE DETECTION D'ANTICORPS AUTO–IMMUNS

(71) **STICHTING SCHEIKUNDIG ONDERZOEK NEDERLAND** [NL/NL]; Laan van Nieuw Oost–Indië 131, NL–2593 BM Den Haag (NL). **STICHTING VOOR DE TECHNISCHE WETENSCHAPPEN** [NL/NL]; Raadstede 15/19, NL–3431 HA Nieuwegein (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAN VENROOIJ, Waltherus, Jacobus, Wilhelmus** [NL/NL]; Eleonoraweg 16, NL–6523 MZ Nijmegen (NL). **SCHELLEKENS, Gerardus, Antonius** [NL/NL]; Zwanenveld 37–03, NL–6538 XV Nijmegen (NL). **RAATS, Jozef, Maria, Hendrik** [NL/NL]; Van Diemerbroeckstraat 65, NL–6512 BA Nijmegen (NL). **HOET, René, Michael, Antonius** [NL/NL]; Weezenhof 35 – 40, NL–6536 HB Nijmegen (NL).

(74) **ALTENBURG, Bernardus, Stephanus, Franciscus**; Octrooibureau Los en Stigter B.V., Weteringschans 96, NL–1017 XS Amsterdam (NL).

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

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(11) **WO 98/22504** (13) A1

(21) PCT/JP97/04111

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) ja (26) ja

(31) 8/321068 (32) **15 Nov/nov 1996 (15.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07K 14/475, C12N 15/12, 5/10, C12P 21/02, C07K 16/18, A61K 39/395, G01N 33/53, A01K 67/027

(54) NOVEL SEMAPHORIN GENES (I)
NOUVEAUX GENES DE SEMAPHORINE (I)

(71) **SUMITOMO PHARMACEUTICALS COMPANY, LIMITED** [JP/JP]; 2–8, Dosho–machi 2–chome, Chuo–ku, Osaka–shi, Osaka 541 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **INAGAKI, Shinobu** [JP/JP]; C–103, 19, Mihogaoka, Ibaraki–shi, Osaka 567 (JP). **FURUYAMA, Tatsuo** [JP/JP]; C–103, 19, Mihogaoka, Ibaraki–shi, Osaka 567 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3–7, Shiromi 1–chome, Chuo–ku, Osaka–shi, Osaka 540 (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 HU ID IL 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22505** (13) A1

(21) PCT/JP97/04195

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) ja (26) ja

(31) 8/306056 (32) **18 Nov/nov 1996 (18.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07K 14/475, 16/24, A61K 38/18, 39/395

(54) SOLUBLE POLYPEPTIDES
POLYPEPTIDES SOLUBLES

(71) **SUMITOMO ELECTRIC INDUSTRIES, LTD.** [JP/JP]; 5–33, Kitahama 4–chome, Chuo–ku, Osaka–shi, Osaka 541 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOSHIDA, Shogo** [JP/JP]; Yokohama Works of Sumitomo Electric Industries, Ltd., 1, Taya–cho, Sakae–ku, Yokohama–shi, Kanagawa 244 (JP).

(74) **HASEGAWA. Yoshiki** et al. / etc.; Soei International Patent Firm, 6 F., Kyobashi National Building, 13–10, Kyobashi 2–chome, Chuo–ku, Tokyo 104 (JP).

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

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(11) **WO 98/22506** (13) A1

(21) PCT/US97/20666

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 08/753,159 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07K 14/705 // C12N 15/12

(54) HUMAN KDEL RECEPTOR
RECEPTEUR KDEL HUMAIN

(63) US 08/753,159 (CIP)
21 Nov/nov 1996 (21.11.1996)

(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) **BANDMAN, Olga** [US/US]; 366 Anna Avenue, Mountain View, CA 94043 (US). **HILLMAN, Jennifer, L.** [US/US]; 230 Monroe Drive #12, Mountain View, CA 94040 (US). **GOLI, Surya, K.** [US/US]; 620 Iris Avenue #338, Sunnyvale, CA 94086 (US).

(74) **BILLINGS, Lucy, J.**; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (US).

(81) AT AU BR CA CH CN DE DK ES FI GB IL JP KR MX NO NZ RU SE SG US; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22507** (13) A2

(21) PCT/US97/22526

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 60/031,675 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07K 14/71

(54) RECEPTOR TYROSINE KINASE GENES
GENES CODANT LES TYROSINES KINASES RECEPTRICES

(71) **SUGEN, INC.** [US/US]; 351 Galveston Drive, Redwood City, CA 94063–4720 (US).

(72) **JOHO, Keith, E.**; One Torino Lane, San Carlos, CA 94070 (US). **PLOWMAN, Gregory, D.**; 4 Hoveysuckle Lane, San Carlos, CA 94070 (US).

(74) **WARBURG, Richard, J.** 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22508** (13) A2

(21) PCT/EP97/06382

(22) **15 Nov/nov 1997 (15.11.1997)**

(25) de (26) de

(31) 196 48 209.7 (32) **21 Nov/nov 1996 (21.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07K 16/00

(54) PROCESS FOR TUMOUR CELL DEPLETION OF CD34–POSITIVE CELLS
PROCEDE D'ELIMINATION DE CELLULES CANCEREUSES PARMI DES CELLULES A CD34 POSITIF

(71) **BOEHRINGER INGELHEIM INTERNATIONAL GMBH** [DE/DE]; D–55216 Ingelheim am Rhein (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HANDGRETINGER, Rupert** [DE/DE]; Klopstockweg 16, D–72076 Tübingen (DE). **NEU, Stefan** [DE/DE]; Theodor–Heuss–Strasse 9, D–72108 Rottenburg (DE).

(74) **LAUDIEN, Dieter** et al. / etc.; Boehringer Ingelheim GmbH, A Patente, Postfach 200, D–55216 Ingelheim am Rhein (DE).

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

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(11) **WO 98/22509** (13) A1

(21) PCT/US97/20935

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 08/749,525 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07K 16/40, 16/38, A61K 39/00, C12N 5/20, C12P 21/08, G01N 33/577, 33/68

(54) MONOCLONAL ANTIBODIES SPECIFIC FOR THE PSA–ACT COMPLEX
ANTICORPS MONOCLONAUX SPECIFIQUES DESTINES AU COMPLEXE PSA–ACT

(71) **BECKMAN INSTRUMENTS, INC.** [US/US]; 2500 Harbor Boulevard, Fullerton, CA 92834–3100 (US).

(72) **KUUS–REICHEL, Kristine**; 5047 Litchfield Road, San Diego, CA 92116 (US). **LINTON, Harry, Jay**; 361 Via Almansa, Encinitas, CA 92024 (US). **PAYNE, Janice, K.**; P.O. Box 6213, San Diego, CA 92166 (US). **WANG, Tang, Jang**; 12671 Acacia Terrace, Poway, CA 92064 (US).

(74) **MAY, William, H.** et al. / etc.; Beckman Instruments, Inc., 2500 Harbor Boulevard, Fullerton, CA 92834–3100 (US).

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

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(11) **WO 98/22510** (13) A2

(21) PCT/US97/21077

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/751,359 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C07K 16/46, C12N 5/10, 15/13

(54) METHODS FOR THE PRODUCTION OF CHICKEN MONOCLONAL ANTIBODIES
PROCEDES DE PRODUCTION D'ANTICORPS MONOCLONAUX DE POULET

(63) US 08/751,359 (CON)
18 Nov/nov 1996 (18.11.1996)

(71) **ARCH DEVELOPMENT CORPORATION** [US/US]; 1101 East 58th Street, Chicago, IL 60637 (US). **UAB RESEARCH FOUNDATION** [US/US]; 701 S. 20th Street #1120G, Birmingham, AL 35294–0111 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MICHAEL, Nancy, M.** [US/US]; 4840 S. Kimbark Avenue, Chicago, IL 60615 (US). **ACCAVITTI, Mary, Ann, V.** [US/US]; 509 Creekview Terrace, Pelham, AL 35124 (US). **THOMPSON, Craig, B.** [US/US]; 1375 E. 57th Street, Chicago, IL 60637 (US).

(74) **HIGHLANDER, Steven, L.**; Arnold, White & Durkee, P.O. Box 4433, Houston, TX 77210 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22511** (13) A1

(21) PCT/US97/21485

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 08/755,058 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C08B 37/00, 37/06, A62D 3/00, A61K 31/715, B09C 1/00

(54) PLANT RHAMNOGALACTURONAN II COMPLEXATION OF HEAVY METAL CATIONS
RHAMNOGALACTURONANE II DE PLANTES FORMANT UN COMPLEXE AVEC DES CATIONS DE METAUX LOURDS

(71) **UNIVERSITY OF GEORGIA RESEARCH FOUNDATION** [US/US]; DW Brooks Drive, Athens, GA 30602 (US). **INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE** [FR/FR]; 147, rue de l'Université, F–75338 Paris Cedex 07 (FR).

(72) **O'NEILL, Malcolm, A.**; 130 Courtney Place, Winterville, GA 30683 (US). **PELLERIN, Patrice, J., M.**; Résidence Le Golf No. 5, 421, rue Croix de las Cazes, F–34000 Montpellier (FR). **WARRENFELTZ, Dennis**; 160 Devonshire Drive, Athens, GA 30606 (US). **VIDAL, Stéphane**; 38, les Hauts de la Fontaine, F–34980 Combaillaux (FR). **DARVILL, Alan, G.**; 440 Sandstone Drive, Athens, GA 30605 (US). **ALBERSHEIM, Peter**; 1575 Morton Road, Athens, GA 30605 (US).

(74) **GREENLEE, Lorance, L.** et al. / etc.; Greenlee, Winner and Sullivan, P.C., Suite 201, 5370 Manhattan Circle, Boulder, CO 80303 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22512** (13) A1

(21) PCT/US97/21497

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 754,225 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C08B 37/00, A61K 31/715

(54) WATER SOLUBLE LIPIDATED ARABINOGALACTAN
ARABINOGALACTANE SOLUBLE A L'EAU COMPRENANT DES LIPIDES

(71) **THE UNIVERSITY OF MONTANA** [US/US]; University Hall 116, Missoula, MT 59812 (US).

(72) **RICHARDS, Geoffrey, N.**; Apartment 16, 111 Pattee Canyon Drive, Missoula, MT 59803 (US).

(74) **BUHARIN, Amelia, A.** et al. / etc.; Mueting, Raasch & Gebhardt, P.A., P.O. Box 581415, Minneapolis, MN 55458–1415 (US).

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

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(11) **WO 98/22513** (13) A1

(21) PCT/GB97/03140

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 9624204.5 (32) **21 Nov/nov 1996** (33) GB **(21.11.1996)**

(31) 9718072.3 (32) **28 Aug/Août 1997** (33) GB **(28.08.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C08B 37/14, 37/06, A61L 15/60, A21D 2/36, A23L 1/052

(54) PRODUCTION OF VEGETABLE GELS
PRODUCTION DE GELS VEGETAUX

(71) **DALGETY PLC** [GB/GB]; 100 George Street, London W1H 5RH (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FITCHETT, Colin, Stanley** [GB/GB]; 13 Sedgwick Street, Cambridge CB1 3AJ (GB).

(74) **PRICE, Vincent, Andrew** et al. / etc.; Fry Heath & Spence, The Old College, 53 High Street, Horley, Surrey RH6 7BN (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22514** (13) A1

(21) PCT/FI97/00702

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 964572 (32) **15 Nov/nov 1996** (33) FI **(15.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C08F 2/00, 4/646, 10/06

(54) PROCESS FOR MAKING PROPYLENE HOMO OR COPOLYMERS
PROCEDE DE PREPARATION D'HOMOPOLYMERES OU DE COPOLYMERES DE PROPYLENE

(71) **BOREALIS A/S** [DK/DK]; Lyngby Hovedgade 96, DK–2800 Lyngby (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALA–HUIKKU, Sirpa** [FI/FI]; Korvatunturintie 5 B 7, FIN–00970 Helsinki (FI). **GAROFF, Thomas** [FI/FI]; Borgströminkuja 4 K 104, FIN–00840 Helsinki (FI). **LEINONEN, Timo** [FI/FI]; Massatie 8, FIN–06750 Tolkkinen (FI). **HARLIN, Ali** [FI/FI]; Kärppärinne 1, FIN–01450 Vantaa (FI). **BERGMANN, Fred** [NO/NO]; Nustadslyfa 21, N–3970 Langesund (NO).

(74) **NESTE OY**; Patent Services, P.O. Box 310, FIN–06101 Porvoo (FI).

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

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(11) **WO 98/22515** (13) A1

(21) PCT/EP97/06117

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) de (26) de

(31) 196 48 028.0 (32) **20 Nov/nov 1996** (33) DE **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C08F 4/46, 4/50

(54) METHOD FOR PRODUCING INITIATORS FOR ANIONICALLY INITIATED POLYMERIZATION OF MONOMERS HAVING AT LEAST ONE ETHYLENICALLY UNSATURATED GROUP
PROCEDE POUR PREPARER DES INITIATEURS POUR LA POLYMERISATION INITIEE PAR VOIE ANIONIQUE DE MONOMERES PRESENTANT AU MOINS UN GROUPE INSATURE ETHYLENIQUEMENT

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

(72, 75) **MÜLLER, Axel** [DE/DE]; Kapellenstrasse 91, D–65193 Wiesbaden (DE). **IVAN, Bela** [HU/DE]; Südring 84, D–55128 Mainz (DE). **FELDTHUSEN JENSEN, Jesper** [DK/DE]; Hans–Böckler–Strasse 7a, D–55128 Mainz (DE).

(74) **BASF AKTIENGESELLSCHAFT**; D–67056 Ludwigshafen (DE).

(81) AL AU BG BR BY CA CN CZ GE HU ID IL JP KR KZ LT LV MX NO NZ PL RO RU SG SI SK TR UA US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22516** (13) A1

(21) PCT/GB97/03189

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 9624130.2 (32) **20 Nov/nov 1996** (33) GB **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C08F 220/34, C09D 133/00, A61M 1/36, B01J 43/00, C09D 105/08, 105/10, A61L 33/00, G01N 33/72, B01D 15/04, B01J 20/26

(54) BIOCOMPATIBLE COMPOSITIONS
COMPOSITIONS BIOCOMPATIBLES

(71) **BIOCOMPATIBLES LIMITED** [GB/GB]; Frensham House, Farnham Business Park, Weydon Lane, Farnham, Surrey GU9 8QL (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PORSSA, Manuchehr** [GB/GB]; Biocompatibles Limited, Frensham House, Farnham Business Park, Weydon Lane, Farnham, Surrey GU9 8QL (GB). **MCNEILLIS, Paul, Mathew** [GB/GB]; Biocompatibles Limited, Frensham House, Farnham Business Park, Weydon Lane, Farnham, Surrey GU9 8QL (GB). **FREEMAN, Richard, Neil, Templar** [IE/GB]; Biocompatibles Limited, Frensham House, Farnham Business Park, Weydon Lane, Farnham, Surrey GU9 8QL (GB).

(74) **GILL JENNINGS & EVERY**; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22517** (13) A1

(21) PCT/GB97/03192

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 9624130.2 (32) **20 Nov/nov 1996** (33) GB **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C08F 220/34, C09D 133/00, A61M 1/36, B01J 43/00, C09D 105/08, 105/10, A61L 33/00, G01N 33/72, B01D 15/04, B01J 20/26

(54) ANION EXCHANGE MATERIALS AND PROCESSES
MATERIAUX ECHANGEURS D'ANIONS ET PROCEDES

(71) **BIOCOMPATIBLES LIMITED** [GB/GB]; Frensham House, Farnham Business Park, Weydon Lane, Farnham, Surrey GU9 8QL (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STORCH, Joachim** [DE/GB]; Biocompatibles Limited, Frensham House, Farnham Business Park, Weydon Lane, Farnham, Surrey GU9 8QL (GB). **HANLEY, Robert, Neil** [GB/GB]; Biocompatibles Limited, Frensham House, Farnham Business Park, Weydon Lane, Farnham, Surrey GU9 8QL (GB). **FREEMAN, Richard, Neil, Templar** [IE/GB]; Biocompatibles Limited, Frensham House, Farnham Business Park, Weydon Lane, Farnham, Surrey GU9 8QL (GB).

(74) **GILL JENNINGS & EVERY**; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22518** (13) A1

(21) PCT/EP97/06118

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) de (26) de

(31) 196 48 245.3 (32) **21 Nov/nov 1996** (33) DE **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C08F 279/02, 287/00

(54) CONTINUOUS PROCESS FOR PRODUCING THERMOPLASTIC MOLDING MATERIALS
PROCEDE CONTINU DE PRODUCTION DE MATIERES DE MOULAGE THERMOPLASTIQUES

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

(72, 75) **FISCHER, Wolfgang** [DE/DE]; Haydnstrasse 17, D–69190 Walldorf (DE). **GAUSEPOHL, Hermann** [DE/DE]; Medardusring 74, D–67112 Mutterstadt (DE).

(74) **BASF AKTIENGESELLSCHAFT**; D–67056 Ludwigshafen (DE).

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

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(31) 196 48 012.4 (32) **20 Nov/nov 1996 (20.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C08G 18/10

(54) TWO STEP PROCEDURE FOR THE PRODUCTION OF SEMI–HARD SOLID POLYURETHANE MOULDED BODIES
PROCEDE EN DEUX ETAPES POUR PRODUIRE DES CORPS MOULES EN POLYURETHANE MASSIFS SEMI–DURS

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

(72, 75) **MICHELS, Erhard** [DE/DE]; Andreas–Gryphius–Strasse 7, D–51065 Köln (DE). **PLEISS, Klaus** [DE/DE]; Mühlenstrasse 68, D–51469 Bergisch Gladbach (DE). **SCHOLTIS, Franz** [DE/DE]; Bütenstrasse 10, D–51381 Leverkusen (DE).

(74) **BAYER AKTIENGESELLSCHAFT**; D–51368 Leverkusen (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22520** (13) A1

(21) PCT/EP97/06114

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) de (26) de

(31) 196 47 296.2 (32) **15 Nov/nov 1996 (15.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C08G 18/70, 18/24, C07C 263/18

(54) POLYISOCYANATES CONTAINING TIN AND METHOD FOR PREPARING POLYISOCYANATE–POLYADDITION PRODUCTS
POLYISOCYANATES CONTENANT DE L'ETAIN ET PROCEDE POUR PREPARER DES PRODUITS DE POLYADDITION DE POLYISOCYANATE

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

(72, 75) **REICHELT, Michael** [DE/DE]; Parkstrasse 11, D–01945 Ruhland (DE). **HEINZ, Marion** [DE/DE]; Käthe–Kollwitz–Strasse 14, D–02994 Bernsdorf (DE). **ROTERMUND, Udo** [DE/DE]; Am Haag 5, D–01990 Ortrand (DE). **HEMPEL, Renate** [DE/DE]; E.–Thälmann–Strasse 23, D–01945 Ruhland (DE). **HENSIEK, Rainer** [DE/DE]; Bergfeld 5, D–49328 Melle (DE). **SEIFERT, Holger** [DE/DE]; Hohen Weg 63, D–49448 Hüde (DE).

(74) **BASF AKTIENGESELLSCHAFT**; D–67056 Ludwigshafen (DE).

(81) AL AU BG BR BY CA CN CZ GE HU IL JP KR KZ LT LV MX NO NZ PL RO RU SG SI SK TR UA US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22521** (13) A1

(21) PCT/EP97/06504

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) de (26) de

(31) 196 48 283.6 (32) **21 Nov/nov 1996 (21.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C08G 59/02, 59/22, 59/24, 59/26, 59/32, 59/38, A61K 6/087, C09J 163/00

(54) POLYMERIZABLE SUBSTANCES BASED ON EPOXIDES
SUBSTANCES POLYMERISABLES A BASE D'EPOXIDES

(71) **THERA PATENT GMBH & CO. KG GESELLSCHAFT FÜR INDUSTRIELLE SCHUTZRECHTE** [DE/DE]; Am Griesberg 2, D–82229 Seefeld (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEINMANN, Wolfgang** [DE/DE]; Goethestrasse 7, D–82211 Herrsching (DE). **GASSER, Oswald** [DE/DE]; Höhenstrasse 10, D–82229 Seefeld (DE). **GUGGENBERGER, Rainer** [DE/DE]; Kienbachstrasse 26b, D–82211 Herrsching (DE). **LECHNER, Günther** [DE/DE]; Am Teilsrain 3, D–82237 Wörthsee (DE). **SOGLOWEK, Wolfgang** [DE/DE]; Mühlfelderstrasse 47, D–82211 Herrsching (DE). **ZECH, Joachim** [DE/DE]; Seestrasse 4a, D–82229 Hechendorf (DE).

(74) **ABITZ, Walter** et al. / etc.; Postfach 86 01 09, D–81628 München (DE).

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

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(11) **WO 98/22522** (13) A1

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(31) 9624146.8 (32) **20 Nov/nov 1996 (20.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C08G 64/14, 64/16, 64/06, C08K 5/103, 5/107, 5/12, 5/06

(54) POLYCARBONATES
POLYCARBONATES

(71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EIFFLER, Juergen** [DE/DE]; Ystadweg 4, D–21682 Stade (DE). **KARRASCH, Susanne** [DE/DE]; Mittelweg 6a, D–21709 Himmelpforten (DE).

(74) **MORSE, Jonathan, W.**; Patent Dept., P.O. Box 1967, Midland, MI 48641–1967 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22523** (13) A1

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(22) **13 Nov/nov 1997 (13.11.1997)**

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(31) 2831/96 (32) **15 Nov/nov 1996 (15.11.1996)** (33) CH

(31) 9626507.9 (32) **20 Dec/déc 1996 (20.12.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C08G 73/00, D06P 1/52

(54) POLYCONDENSATION PRODUCTS AND THEIR USE AS DYEING AIDS
PRODUITS DE CONDENSATION ET LEUR UTILISATION COMME ADJUVANTS DE TEINTURE

(71) **CLARIANT FINANCE (BVI) LIMITED** [–/–]; Citco Building, Wickhams Cay, P.O. Box 662, Road Town, Tortola (VG).
(for all designated States except / pour tous les États désignés sauf JP TR US)

(71) **CLARIANT INTERNATIONAL LTD.** [CH/CH]; Rothausstrasse 61, CH–4132 Muttenz (CH).
(only for / seulement pour JP TR)

(72, 75) **HELLER, Jürg** [CH/CH]; Rosenweg 6, CH–4104 Oberwil (CH). **TINDAL, Alec, Stewart** [GB/GB]; 4 Woodhall Avenue, Leeds, West Yorkshire LS5 3LH (GB).

(74) **D'HAEMER, Jan** et al. / etc.; Clariant International Ltd., Rothausstrasse 61, CH–4132 Muttenz (CH).

(81) BR CN ID JP MX TR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22524** (13) A1

(21) PCT/EP97/06433

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) de (26) de

(31) 196 47 926.6 (32) **20 Nov/nov 1996 (20.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C08G 73/02, B01J 19/18, C08G 69/48

(54) METHOD FOR CONTINUOUS CROSS–LINKING CONDENSATES AND ADDITIVES
PROCEDE DE RETICULATION CONTINUE DE PRODUITS DE CONDENSATION ET D'ADDITION

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

(72, 75) **DECKER, Jürgen** [DE/DE]; Zurmaienerstrasse 105, D–54292 Trier (DE). **MEIXNER, Hubert** [DE/DE]; Edigheimer Strasse 45, D–67069 Ludwigshafen (DE). **REUTHER, Wolfgang** [DE/DE]; Am Pferchelhang 16, D–69118 Heidelberg (DE). **SCHERR, Günter** [DE/DE]; An der Mittagsweide 17, D–67065 Ludwigshafen (DE). **STEUERLE, Ulrich** [DE/DE]; Heckerstrasse 33, D–69124 Heidelberg (DE). **WEBERNDÖRFER, Volkmar** [DE/DE]; Feldbergstrasse 48, D–68163 Mannheim (DE).

(74) **BASF AKTIENGESELLSCHAFT**; D–67056 Ludwigshafen (DE).

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

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(11) **WO 98/22525** (13) A2

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(31) 08/752,060 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C08G 75/02

(54) METHOD FOR THE PRODUCTION OF SULPHOROUS POLYMERS
PROCEDE POUR PREPARER DES POLYMERES CONTENANT DU SOUFRE

(71) **HOECHST RESEARCH & TECHNOLOGY DEUTSCHLAND GMBH & CO. KG** [DE/DE]; Brüningstrasse 50, D–65929 Frankfurt am Main (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAUBS, Michael** [DE/DE]; Auf dem Weiher 18, D–55545 Bad Kreuznach (DE). **WAGENER, Reinhard** [DE/DE]; Kapellenstrasse 30, D–65439 Flörsheim (DE). **NESHEIWAT, Afif** [US/US]; Apartment K, 294 Main Street, Madison, NJ 07940 (US).

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

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(11) **WO 98/22526** (13) A1

(21) PCT/EP97/06116

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) de (26) de

(31) 196 47 599.6 (32) **18 Nov/nov 1996** (33) DE **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C08J 3/00, 9/22

(54) METHOD FOR DRYING WATER–CONTAINING STYROL POLYMERIZATES
PROCEDE POUR SECHER DES POLYMERISATS DE STYRENE CONTENANT DE L'EAU

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

(72, 75) **SCHERZER, Dietrich** [DE/DE]; Dr.–Semmelweis–Strasse 38, D–67433 Neustadt (DE). **HAHN, Klaus** [DE/DE]; Im Bügen 9, D–67281 Kirchheim (DE). **BATSCHEIDER, Karl–Heinz** [DE/DE]; Ludwigshafener Strasse 29, D–67112 Mutterstadt (DE). **WITT, Michael** [DE/DE]; Bodelschwinghstrasse 16, D–67246 Dirmstein (DE). **WAGNER, Bernhard** [DE/DE]; Parkstrasse 14, D–67117 Limburgerhof (DE). **HUSEMANN, Wolfram** [DE/DE]; Josef–Von–Eichendorff–Strasse 4, D–67435 Neustadt (DE).

(74) **BASF AKTIENGESELLSCHAFT**; D–67056 Ludwigshafen (DE).

(81) AL AU BG BR BY CA CN CZ GE HU IL JP KR KZ LT LV MX NO NZ PL RO RU SG SI SK TR UA US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22527** (13) A1

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(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 96203221.5 (32) **18 Nov/nov 1996** (33) EP **(18.11.1996)**

(34) GB et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C08J 5/24, C08G 59/42

(54) EPOXY RESIN COMPOSITION SUITABLE FOR SHEET MOULDING
COMPOSITION DE RESINE EPOXYDE APPROPRIEE AU MOULAGE EN FEUILLE

(71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL–2596 HR The Hague (NL).

(72) **COLEMAN–KAMMULA, Seetha, Maha, Lakshmi**; 1, avenue Jean Monnet, Louvain–la–Neuve, B–1348 Ottignies (BE). **FLORIZOONE, Geert**; 1, avenue Jean Monnet, Louvain–la–Neuve, B–1348 Ottignies (BE). **TIBERGHIEN, Isabelle, Anette, Marie, Madeleine**; 1, avenue Jean Monnet, Louvain–la–Neuve, B–1348 Ottignies (BE).

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

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(11) **WO 98/22528** (13) A1

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(25) de (26) de

(31) 196 47 657.7 (32) **18 Nov/nov 1996** (33) DE **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C08K 3/26, C08L 101/02

(54) POLYMER MASSES CONTAINING HYDROTALCITE
MATIERES POLYMERES CONTENANT DE L'HYDROTALCITE

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

(72, 75) **HÜTTE, Stephan** [DE/DE]; Andreas–Gryphius–Strasse 24, D–51065 Köln (DE). **MEYER, Rolf–Volker** [DE/DE]; Walter–Flex–Strasse 11, D–51373 Leverkusen (DE).

(74) **BAYER AKTIENGESELLSCHAFT**; D–51368 Leverkusen (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(22) **14 Nov/nov 1997 (14.11.1997)**

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(31) 60/031,018 (32) **18 Nov/nov 1996** (33) US **(18.11.1996)**

(31) 08/944,325 (32) **6 Oct/oct 1997** (33) US **(06.10.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C08L 17/00, C08K 5/00, 3/22

(54) PROCESS FOR USE OF CRUMB RUBBER IN MOLDABLE FORMULATIONS
PROCEDE D'UTILISATION DE CAOUTCHOUC FRIABLE DANS DES PREPARATIONS MOULABLES

(71) **REDWOOD RUBBER LLC** [US/US]; 6 Endeavor Drive, Corte Madera, CA 94925 (US).

(72) **FAUST, Thomas**; 6 Endeavor Drive, Corte Madera, CA 94925 (US). **DIATCHKOVSKI, Fridrikh, S.**; 363 Fairview Avenue, Hudson, NY 12534 (US). **FAUST, Gretchen**; 6 Endeavor Drive, Corte Madera, CA 94925 (US). **DIATCHKOVSKI, Dmitri**; 363 Fairview Avenue, Hudson, NY 12534 (US).

(74) **HEINES, M., Henry** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(25) ja (26) ja

(31) 8/323557 (32) **18 Nov/nov 1996** (33) JP **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C08L 27/12, C09D 127/12

(54) DURABLE WATER REPELLENT AND COATED ARTICLES
HYDROFUGE TENACE ET ARTICLES AINSI REVETUS

(71) **DAIKIN INDUSTRIES, LTD.** [JP/JP]; Umeda Center Building, 4–12, Nakazaki–nishi 2–chome, Kita–ku, Osaka–shi, Osaka 530 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WADA, Susumu** [JP/JP]; Daikin Industries, Ltd., Yodogawa Plant, 1–1, Nishi–Hitotsuya, Settu–shi, Osaka 566 (JP). **HONDA, Kayoko** [JP/JP]; Daikin Industries, Ltd., Yodogawa Plant, 1–1, Nishi–Hitotsuya, Settu–shi, Osaka 566 (JP). **KUNIMASA, Keiko** [JP/JP]; Daikin Industries, Ltd., Yodogawa Plant, 1–1, Nishi–Hitotsuya, Settu–shi, Osaka 566 (JP). **IMOTO, Katsuhiko** [JP/JP]; Daikin Industries, Ltd., Yodogawa Plant, 1–1, Nishi–Hitotsuya, Settu–shi, Osaka 566 (JP).

(74) **YASUTOMI, Yasuo** et al. / etc.; Recruit Shin Osaka Building, 4F, 14–22, Nishinakajima 5–chome, Yodogawa–ku, Osaka–shi, Osaka 532 (JP).

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

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(11) **WO 98/22531** (13) A1

(21) PCT/JP97/04268

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) ja (26) ja

(31) 8/327901 (32) **22 Nov/nov 1996** (33) JP **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C08L 63/08, 101/06

(54) HEAT–FUSIBLE COMPOSITIONS AND MULTI–LAYER MOLDINGS COMPRISING LAYERS MADE THEREFROM
COMPOSITIONS THERMOFUSIBLES ET OBJETS MOULES MULTICOUCHES COMPRENANT LES COUCHES RENFERMANT CES COMPOSITIONS

(71) **DAICEL CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 1, Teppocho Sakai–shi, Osaka 590 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MIYATA, Hirotaka** [JP/JP]; 349–19, Sakanoue, Aboshi–ku, Himeji–shi, Hyogo–ken 671–12 (JP).

(74) **MIURA, Yoshikazu**; Sakae Building, 5–12, Iwamoto–cho 2–chome, Chiyoda–ku, Tokyo 101 (JP).

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

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(11) **WO 98/22532** (13) A1

(21) PCT/US97/19837

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 08/755,516 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C08L 71/02, 51/06, A61L 15/22

(54) POLYOLEFIN/POLYETHYLENE OXIDE BLENDS
MELANGES DE POLYOLEFINES ET DE POLYETHYLENE OXYDE

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

(72) **WANG, James, Hongxue**; 1325 East Overland Road, Appleton, WI 54915 (US). **SCHERTZ, David, Michael**; Apartment 301, 111 East Water Street, Appleton, WI 54911 (US).

(74) **MILLER, Douglas, L.** et al. / etc.; Kimberly–Clark Worldwide, Inc., 401 North Lake Street, Neenah, WI 54956 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22533** (13) A1

(21) PCT/US97/21591

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 8/312290 (32) **22 Nov/nov 1996 (22.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C08L 79/08, 67/00, 77/00

(54) INJECTION MOLDABLE POLYIMIDE RESIN COMPOSITION AND A METHOD OF PRODUCING ITS MOLDED ARTICLES
COMPOSITION DE RESINE POLYIMIDE SUSCEPTIBLE D'ETRE MOULEE PAR INJECTION ET PROCEDE DE PRODUCTION D'ARTICLES MOULES EN RESINE POLYIMIDE

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KAKU, Mureo** [JP/JP]; 1–24–5, Nijigaoka, Asao–ku, Kawasaki, Kanagawa 215 (JP).

(74) **MOYLES, Lisa, J.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

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

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(11) **WO 98/22534** (13) A1

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(25) ja (26) ja

(31) 8/324717 (32) **20 Nov/nov 1996 (20.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C08L 81/02

(54) POLYARYLENE SULFIDE RESIN COMPOSITION
COMPOSITION DE RESINE DE SULFURE DE POLYARYLENE

(71) **KUREHA KAGAKU KOGYO K.K.** [JP/JP]; 9–11, Nihonbashi, Horidomecho 1–chome, Chuo–ku, Tokyo 103 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **NISHIHATA, Naomitsu** [JP/JP]; Nishiki Research Laboratories, Kureha Kagaku Kogyo K.K., 16, Ochiai, Nishiki–machi, Iwaki–shi, Fukushima 974 (JP). **TADA, Masahito** [JP/JP]; Nishiki Research Laboratories, Kureha Kagaku Kogyo K.K., 16, Ochiai, Nishiki–machi, Iwaki–shi, Fukushima 974 (JP). **SATO, Hiroyuki** [JP/JP]; Nishiki Research Laboratories, Kureha Kagaku Kogyo K.K., 16, Ochiai, Nishiki–machi, Iwaki–shi, Fukushima 974 (JP). **OHUCHI, Kiyomi** [JP/JP]; Nishiki Research Laboratories, Kureha Kagaku Kogyo K.K., 16, Ochiai, Nishiki–machi, Iwaki–shi, Fukushima 974 (JP).

(74) **NISHIKAWA, Shigeaki**; Visual City 401, 43–8, Higashi–Nippori 3–chome, Arakawa–ku, Tokyo 116 (JP).

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

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(11) **WO 98/22535** (13) A1

(21) PCT/US97/12567

(22) **10 Jul/juil 1997 (10.07.1997)**

(25) en (26) en

(31) 08/754,658 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C08L 95/00

(54) ASPHALT MODIFIED WITH OLEFIN/VINYLIDENE AROMATIC MONOMER INTERPOLYMERS
ASPHALTE MODIFIE AVEC DES INTERPOLYMERES CONSTITUES PAR LES MONOMERES OLEFINE/VINYLIDENE AROMATIQUE

(63) US 08/754,658 (CIP) 21 Nov/nov 1996 (21.11.1996)

(71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **STEVENS, James, C.** [US/US]; 2026 Pecan Trail Drive, Richmond, TX 77469 (US). **TIMMERS, Francis, J.** [US/US]; 4605 Lund Drive, Midland, MI 48642 (US). **GATZKE, Arnold, L.** [US/US]; 204 Hunters Ridge, Midland, MI 48640 (US). **BREDEWEG, Corwin, J.** [US/US]; 5709 Leeway Drive, Midland, MI 48640 (US). **MCKAY, Kevin, W.** [US/US]; 2783 Sun Terrace, White Bear Lake, MN 55110 (US). **GROS, William, A.** [US/US]; 5045 Fiveforks Drive, Baton Rouge, LA 70817 (US). **DIEHL, Charles, F.** [US/US]; 119 Dewberry Drive, Lake Jackson, TX 77566 (US).

(74) **CARTER, James, G.**; Patent Dept., B–1211, 2301 Brazosport Boulevard, Freeport, TX 77541 (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 KR KZ 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 YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22536** (13) A2

(21) PCT/EP97/06372

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) de (26) de

(31) 196 47 368.3 (32) **15 Nov/nov 1996 (15.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C08L 97/00

(54) COMPOSITE MATERIALS BASED ON VEGETABLE MATERIALS
MATERIAUX COMPOSITES A BASE DE MATIERES VEGETALES

(71) **INSTITUT FÜR NEUE MATERIALIEN GEM. GMBH** [DE/DE]; Gebäude 43a, Im Stadtwald, D–66123 Saarbrücken (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SCHMIDT, Helmut** [DE/DE]; Im Königsfeld 29, D–66130 Saarbrücken (DE). **MENNIG, Martin** [DE/DE]; Mittelstrasse 5, D–66287 Quierschied (DE). **JONSCHKER, Gerhard** [DE/DE]; Grünewaldstrasse 12, D–66583 Spiesen–Elversberg (DE).

(74) **BARZ, Peter**; Kaiserplatz 2, D–80803 München (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22537** (13) A1

(21) PCT/US97/21150

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 60/031,438 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C09B 29/12, 67/22

(54) ACID YELLOW DYE AND METHOD FOR USING SAME
PIGMENT JAUNE ACIDE ET SON MODE D'UTILISATION

(71) **CROMPTON & KNOWLES CORPORATION** [US/US]; One Station Place, Metro Center, Stamford, CT 06902 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SMITH, Howard, L.** [US/US]; 406 Laurelwood Drive, Douglassville, PA 19518 (US).

(74) **THOMPSON, Raymond, D.**; Crompton & Knowles Corporation, c/o Uniroyal Chemical Company, Inc., World Headquarters (Benson Road), Middlebury, CT 06749 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22538** (13) A1

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(25) ja (26) ja

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C09C 1/00, 3/06, C09D 5/08, C01B 35/12

(54) STRONTIUM BORATE PIGMENT, PROCESS FOR PRODUCING THE SAME, AND ANTI-RUSTING, STERILIZING, MILDEWPROOFING, AND FLAMEPROOFING METHODS USING THE SAME
PIGMENTS AU BORATE DE STRONTIUM, SON PROCEDE DE PRODUCTION ET PROCEDES ANTI–ROUILLE, DE STERILISATION, ANTI–MOISISSURES ET IGNIFUGES L'UTILISANT

(71) **SAKAI CHEMICAL INDUSTRY CO., LTD.** [JP/JP]; 1–23, Ebisunochonishi 1–cho, Sakai–shi, Osaka 590 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OHTSU, Koichi** [JP/JP]; 10, Aza–kaminarizuka, Onahama, Iwaki–shi, Fukushima 971 (JP). **KAIHATSU, Taizo** [JP/JP]; 10, Aza–kaminarizuka, Onahama, Iwaki–shi, Fukushima 971 (JP).

(74) **KAMEI, Hirokatsu**; AI Association of Patent and Trademark Attorneys, 12F, Kinyukoko–Sumisei Building, 5–20, Minamihommachi 4–chome, Chuo–ku, Osaka–shi, Osaka 541 (JP).

(81) JP US.

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(11) **WO 98/22539** (13) A1

(21) PCT/EP97/06066

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) de (26) de

(31) 196 47 294.6 (32) **15 Nov/nov 1996 (15.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C09C 1/28, C08K 9/02

(54) UV LIGHT ABSORBER, A MATRIX CONTAINING SAID ABSORBER, METHOD FOR FILTERING OUT ULTRAVIOLET RADIATION AND USE OF UV LIGHT ABSORBERS
ABSORBEUR DE RAYONS U.V., MATRICE CONTENANT LEDIT ABSORBEUR DE RAYONS U.V. PROCEDE DE FILTRATION DE RAYONS ULTRAVIOLETS ET UTILISATION D'ABSORBEURS DE LUMIERE U.V.

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

(72, 75) **HOHEISEL, Werner** [DE/DE]; Gerstenkamp 19, D–51061 Köln (DE). **HOLM, Reimer** [DE/DE]; Am Katterbach 32, D–51467 Bergisch Gladbach (DE).

(74) **BAYER AKTIENGESELLSCHAFT**; D–51368 Leverkusen (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22540** (13) A1

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(22) **20 Nov/nov 1997 (20.11.1997)**

(25) fr (26) fr

(31) 96/14216 (32) **21 Nov/nov 1996 (21.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C09C 3/10, 1/00, C09D 11/00, 7/12, A01C 1/06, A61K 9/48, 35/74, A01N 25/26, A61K 7/50, B01J 2/00

(54) MINERAL PIGMENT MICROPARTICLES COVERED WITH A CHITIN LAYER
MICROPARTICULES DE PIGMENTS MINERAUX ENROBEES D'UNE COUCHE DE CHITINE

(71) **MERCK S.A.** [FR/FR]; 5 à 9, rue Anquetil, F–94000 Nogent–sur–Marne (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GRANDMONTAGNE, Bernard** [FR/FR]; Kerazan Vian, Lilia, F–29880 Plouguerneau (FR). **BROUSSE, Bernard** [FR/FR]; 12, allée Mendixka, Bassussarry, F–64200 Biarritz (FR).

(74) **MARTIN, Jean–Jacques** et al. / etc.; Cabinet Regimbeau, 26, avenue Kléber, F–75116 Paris (FR).

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

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(11) **WO 98/22541** (13) A2

(21) PCT/US97/20389

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 60/030,712 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C09D

(54) METHOD FOR COATING SUBSTRATES
PROCEDE DE REVETEMENT DE SUBSTRATS

(71) **IKONOS CORPORATION** [US/US]; 2nd floor, 320 S.W. 6th Avenue, Portland, OR 97024 (US).

(72) **YAN, Mingdi**; 14088 S.E. Summers Court, Clackamas, OR 97015 (US).

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

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(11) **WO 98/22542** (13) A2

(21) PCT/US97/20392

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 60/029,424 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C09D

(54) CHEMICAL FUNCTIONALIZATION OF SURFACES
FONCTIONNALISATION CHIMIQUE DE SURFACES

(71) **IKONOS CORPORATION** [US/US]; 2nd floor, 320 S.W. 6th Avenue, Portland, OR 97024 (US).

(72) **YAN, Mingdi**; 14088 S.E. Summers Court, Clackamas, OR 97015 (US). **KEANA, John, F., W.**; 3854 Onyx Street, Eugene, OR 97405 (US).

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

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(11) **WO 98/22543** (13) A1

(21) PCT/US97/21217

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 08/752,380 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C09D 5/14, 167/08

(54) STABILIZATION OF BIOCIDAL ACTIVITY IN AIR DRYING ALKYDS
STABILISATION DE L'ACTIVITE BIOCIDE DANS LE SECHAGE A L'AIR DES ALKYDES

(71) **TROY CORPORATION** [US/US]; 8 Vreeland Road, Florham Park, NJ 07932 (US).

(72) **GAGLANI, Kamlesh**; 10 Franklin Drive, Belle Mead, NJ 08052 (US). **YANG, Meihua**; 645 D 3rd Street, Bridgewater, NJ 08807 (US). **MAGIER, Bernard**; 49 Taras Drive, Fords, NJ 08863 (US).

(74) **SKERPON, Joseph, M.** et al. / etc.; Banner & Witcoff, Ltd., 11th floor, 1001 G Street, N.W., Washington, DC 20001–4597 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22544** (13) A1

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(22) **30 Oct/oct 1997 (30.10.1997)**

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(31) PO 3708 (32) **19 Nov/nov 1996** (33) AU **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C09D 5/46, 11/02, 11/06

(54) ELECTROSTATIC DEPOSITION
DEPOT ELECTROSTATIQUE

(71) **TONEJET CORPORATION PTY. LTD.** [AU/AU]; 210 Greenhill Road, Eastwood, S.A. 5063 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NICHOLLS, Stephen, Lansell** [AU/AU]; Giles Road, Willunga, S.A. 5172 (AU).

(74) **COLLISON & CO.**; 117 King William Street, Adelaide, S.A. 5000 (AU).

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

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(11) **WO 98/22545** (13) A1

(21) PCT/EP97/06185

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) de (26) de

(31) 196 47 416.7 (32) **15 Nov/nov 1996** (33) DE **(15.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C09D 133/06, 167/08 // (C09D 167/08, 133:06)

(54) AIR DRYING BINDING AGENTS
LIANTS SECHANT A L'AIR

(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) **BIRNBRICH, Paul** [DE/DE]; Untenitter 3, D–42719 Solingen (DE). **GORZINSKI, Manfred** [DE/DE]; Bogenstrasse 6, D–40227 Düsseldorf (DE).

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

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(11) **WO 98/22546** (13) A1

(21) PCT/JP96/03386

(22) **19 Nov/nov 1996 (19.11.1996)**

(25) ja (26) ja

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C09D 163/00

(54) RESIN COMPOSITIONS FOR COATING
COMPOSITIONS DE RESINE DE REVETEMENT

(71) **DAICEL CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 1, Teppocho Sakai–shi, OOsaka 590 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OHTSUKA, Yoshihiro** [JP/JP]; 13–5, Kuba 4–chome, Otake–shi, Hiroshima 739–06 (JP). **OSHINO, Yasuhiro** [JP/JP]; 8–2, Kuba 6–chome, Otake–shi, Hiroshima 739–06 (JP).

(74) **MIURA, Yoshikazu**; Sakae Building, 5–12, Iwamoto–cho 2–chome, Chiyoda–ku, Tokyo 101 (JP).

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

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(11) **WO 98/22547** (13) A1

(21) PCT/JP97/04247

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) ja (26) ja

(31) 8/311695 (32) **22 Nov/nov 1996 (22.11.1996)** (33) JP

(31) 8/334628 (32) **29 Nov/nov 1996 (29.11.1996)** (33) JP

(31) 8/342670 (32) **6 Dec/déc 1996 (06.12.1996)** (33) JP

(31) 8/353013 (32) **13 Dec/déc 1996 (13.12.1996)** (33) JP

(31) 9/85631 (32) **19 Mar/mar 1997 (19.03.1997)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C09D 175/00, 183/02, 5/16

(54) NON–STAINING COATING COMPOSITION
COMPOSITION DE REVETEMENT NON SALISSANT

(71) **SK KAKEN CO., LTD.** [JP/JP]; 4–5, Minami Shimizucho, Ibaraki–shi, Osaka 567 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KARUGA, Hidehito** [JP/JP]; SK Kaken Co., Ltd., Technical Centre, 25–10, Shimizu 1–chome, Ibaraki–shi, Osaka 567 (JP). **KAMIMURA, Shigeto** [JP/JP]; SK Kaken Co., Ltd., Technical Centre, 25–10, Shimizu 1–chome, Ibaraki–shi, Osaka 567 (JP). **NAKAI, Hiroshi** [JP/JP]; SK Kaken Co., Ltd., Technical Centre, 25–10, Shimizu 1–chome, Ibaraki–shi, Osaka 567 (JP). **SUZUKI, Hisashi** [JP/JP]; SK Kaken Co., Ltd., Technical Centre, 25–10, Shimizu 1–chome, Ibaraki–shi, Osaka 567 (JP). **IKEUCHI, Tadahiko** [JP/JP]; SK Kaken Co., Ltd., Technical Centre, 25–10, Shimizu 1–chome, Ibaraki–shi, Osaka 567 (JP). **ISHIGAKI, Kenichi** [JP/JP]; SK Kaken Co., Ltd., Technical Centre, 25–10, Shimizu 1–chome, Ibaraki–shi, Osaka 567 (JP). **KURIMOTO, Kensuke** [JP/JP]; SK Kaken Co., Ltd., Technical Centre, 25–10, Shimizu 1–chome, Ibaraki–shi, Osaka 567 (JP). **NAKASHOYA, Takanori** [JP/JP]; SK Kaken Co., Ltd., Technical Centre, 25–10, Shimizu 1–chome, Ibaraki–shi, Osaka 567 (JP).

(74) **SUZUKI, Takao** et al. / etc.; 2–7, Nishinakajima 7–chome, Yodogawa–ku, Osaka–shi, Osaka 532 (JP).

(81) CN KR SG US.

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(11) **WO 98/22548** (13) A1

(21) PCT/IB97/01371

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 96203288.4 (32) **22 Nov/nov 1996 (22.11.1996)** (33) EP

(34) NL et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C09D 183/06 // C08G 77/14, 77/18

(54) LACQUER COMPOSITION
COMPOSITION DE VERNIS

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

(71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **WIELSTRA, Ytsen**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **WINKEL, Jolanda, Harma, Sagitta**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **CUPPENS, Hubertus, M., M.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

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

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(11) **WO 98/22549** (13) A1

(21) PCT/GR97/00039

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 9623878.7 (32) **15 Nov/nov 1996** (33) GB **(15.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C09J 161/24, B27N 3/00

(54) BONDING MATERIALS
MATERIAUX ADHESIFS

(71) **MARLIT LTD.** [GR/GR]; Gefyra, GR–570 11 Thessaloniki (GR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIPARISSIDES, Constantinos** [GR/GR]; 2 Moschopoleos, GR–551 32 Thessaloniki (GR). **MOURATIDIS, Pavlos** [GR/GR]; 42 Zoumetikou Street, GR–542 49 Thessaloniki (GR). **BACHTSI, Aristi** [GR/GR]; 68–70 Perdika Street, GR–546 39 Thessaloniki (GR). **ALEXANDRIDOU, Sofia** [GR/GR]; 40 Ambelonon Street, GR–561 23 Thessaloniki (GR).

(74) **PAPACONSTANTINOU, Helen, G.**; 2 Coumbari Street, GR–106 74 Athens (GR).

(81) AU BG BR CA CN CU CZ HU IL JP KP KR LK MK MX NO NZ PL RO RU SG SI SK TR UA US VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22550** (13) A1

(21) PCT/US97/20797

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 60/031,143 (32) **18 Nov/nov 1996** (33) US **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C09K 3/18, C03C 17/32, G01N 13/02

(54) A METHOD FOR PROVIDING AND DETERMINING ANTIFOGGING CHARACTERISTICS
METHODE PERMETTANT DE CONFERER OU DE DETERMINER DES PROPRIETES ANTI-BUEE

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DAVID, Israel, A.** [US/US]; 1418 Drake Road, Wilmington, DE 19803 (US).

(74) **BIRCH, Linda, D.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

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

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(11) **WO 98/22551** (13) A1

(21) PCT/EP97/06230

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) de (26) de

(31) 196 47 598.8 (32) **18 Nov/nov 1996 (18.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C09K 7/02

(54) USE OF SELECTED FATTY ALCOHOLS AND THEIR MIXTURES WITH CARBOXYLIC ACID ESTERS AS LUBRICANT COMPONENTS IN WATER–BASED DRILLING FLUID SYSTEMS FOR SOIL EXPLORATION
UTILISATION D'ALCOOLS GRAS SELECTIONNES ET DE LEURS MELANGES AVEC DES ESTERS D'ACIDE CARBOXYLIQUE COMME CONSTITUANTS DE LUBRIFIANTS DANS DES SYSTEMES DE FLUIDE DE FORAGE A BASE D'EAU POUR EXPLORATION DE SOUS–SOLS

(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) **MÜLLER, Heinz** [DE/DE]; Sperberstrasse 5, D–40789 Monheim (DE). **HEROLD, Claus–Peter** [DE/DE]; Ostpreussenstrasse 26, D–40822 Mettmann (DE). **VON TAPAVICZA, Stephan** [DE/DE]; Thomas–Mann–Strasse 12, D–40699 Erkrath (DE).

(81) AU BR CA MX NO TR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(11) **WO 98/22552** (13) A1

(21) PCT/EP97/06231

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) de (26) de

(31) 196 47 565.1 (32) **18 Nov/nov 1996 (18.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C09K 7/06, 7/02, C10M 105/00

(54) MULTIPHASE LUBRICANT CONCENTRATES FOR USE IN WATER BASED SYSTEMS IN THE FIELD OF EXPLORATORY SOIL DRILLING
LUBRIFIANTS CONCENTRES A PHASES MULTIPLES S'UTILISANT DANS DES SYSTEMES A BASE D'EAU PROVENANT DU DOMAINE DE L'EXPLORATION DE SOUS–SOLS

(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) **HEROLD, Claus–Peter** [DE/DE]; Ostpreussenstrasse 26, D–40822 Mettmann (DE). **MÜLLER, Heinz** [DE/DE]; Sperberstrasse 5, D–40789 Monheim (DE). **FÖRSTER, Thomas** [DE/DE]; Adalbert–Stifter–Strasse 15, D–40699 Erkrath (DE). **VON TAPAVICZA, Stephan** [DE/DE]; Thomas–Mann–Strasse 12, D–40699 Erkrath (DE). **CLAAS, Marcus** [DE/DE]; Schützenstrasse 70b, D–40723 Hilden (DE).

(81) AU AZ BR CA JP KZ MX NO NZ RU TR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(11) **WO 98/22553** (13) A1

(21) PCT/JP97/03918

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) ja (26) ja

(31) 8/323365 (32) **20 Nov/nov 1996 (20.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C09K 11/00, 11/08, 11/56, 11/64

(54) LUMINOUS MATERIAL
MATIERE LUMINEUSE

(71) **NIPPON TOKUSO CO., LTD.** [JP/JP]; Fujimori Building, 12–2, Hirakawacho 2–chome, Chiyoda–ku, Tokyo 102 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HASEGAWA, Masahiro** [JP/JP]; 1273–105, Higashidaira, Higashimatsuyama–shi, Saitama 355 (JP).

(74) **KAWAI, Makoto**; Ohzono Building, 7–10, Kandamitoshirocho, Chiyoda–ku, Tokyo 101 (JP).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU IL IS 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; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22554** (13) A1

(21) PCT/AU97/00784

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) PO 3710 (32) **18 Nov/nov 1996 (18.11.1996)** (33) AU

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C09K 15/30, 15/02, C23F 11/14, 11/18, 11/173

(54) A BIOCIDAL CORROSION INHIBITING COMPOSITION
COMPOSITION BIOCIDE INHIBITRICE DE CORROSION

(71) **HEALTH AND HYGIENE INTERNATIONAL PTY. LTD.** [AU/AU]; P.O. Box 2212, Parramatta, NSW 2151 (AU).
(only for / seulement pour AU)

(71, 72) **GREEN, Bruce, Phillip** [GB/GB]; Winwick Hall, Winwick, Northamptonshire NN6 7PD (GB).

(74) **F.B. RICE & CO.**; 28A Montague Street, Balmain, NSW 2041 (AU).

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

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(11) **WO 98/22555** (13) A1

(21) PCT/IB97/01443

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) fr (26) fr

(31) 96/14418 (32) **19 Nov/nov 1996 (19.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C09K 21/14, C09D 5/18, D06M 17/00

(54) FLAME RETARDING COMPOSITION WITHOUT HALOGEN, FLAME RETARDING YARN MADE THEREFROM, AND FLAME RETARDING TEXTILE STRUCTURE CONTAINING SUCH YARN
COMPOSITION IGNIFUGEANTE SANS HALOGENE, FIL IGNIFUGE AVEC CELLE–CI, ET STRUCTURE TEXTILE IGNIFUGE COMPORTANT DE TELS FILS

(71) **CHAVANOZ INDUSTRIE** [FR/FR]; F–38230 Chavanoz (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BROUTIER, Isabelle** [FR/FR]; 2, via des Anes, Barens, F–38460 Saint Romain de Jalionas (FR). **DAMOUR, François–Xavier** [FR/FR]; 81, rue du Trion, F–69005 Lyon (FR).

(74) **CABINET GERMAIN & MAUREAU**; 12, rue Boileau, F–69006 Lyon (FR).

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

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(11) **WO 98/22556** (13) A1

(21) PCT/GB97/03084

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) 9623934.8 (32) **18 Nov/nov 1996 (18.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C10L 1/06, 1/02

(54) FUEL COMPOSITION
COMPOSITIONS COMBUSTIBLES

(71) **BP OIL INTERNATIONAL 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) **CLARK, Alisdair, Quentin** [GB/GB]; 18 Britten Close, Ash, Aldershot, Hants GU12 6LS (GB).

(74) **WILSON, Michael, John**; BP International Limited, Group Patents & Agreements, Chertsey Road, Sunbury on Thames, Middlesex TW16 7LN (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/22557** (13) A1

(21) PCT/EP97/06158

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) de (26) de

(31) 196 47 585.6 (32) **18 Nov/nov 1996** (33) DE **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C10L 3/00, E21B 37/06

(54) ADDITIVES TO INHIBIT THE FORMATION OF GAS HYDRATE
ADDITIFS POUR INHIBER LA FORMATION D'HYDRATE DE GAZ

(71) **CLARIANT GMBH** [DE/DE]; Brüningstrasse 50, D–65929 Frankfurt am Main (DE).

(72) **KLUG, Peter**; Lessingstrasse 86, D–63762 Großostheim (DE). **FEUSTEL, Michael**; Auf der Nonnenwiese 34, D–55278 Köngernheim (DE). **FRENZ, Volker**; Siebenmorgenweg 8, D–55246 Mainz–Kostheim (DE).

(81) BY JP NO RU UA; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22558** (13) A1

(21) PCT/AU97/00778

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) PO 3688 (32) **19 Nov/nov 1996** (33) AU **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C10M 105/34, 159/08

(54) A LUBRICANT COMPOSITION
COMPOSITION LUBRIFIANTE

(71) **BEKU ENVIRONMENTAL PRODUCTS LTD.** [AU/AU]; 2–8 Negara Crescent, Goodwood, TAS 7001 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KUTZNER, Bernd** [AU/AU]; 24 Nicholas Drive, Sandy Bay, TAS 7005 (AU).

(74) **ROLLS, Carolyn, Lesley** et al. / etc.; Griffith Hack, 509 St. Kilda Road, Melbourne, VIC 3004 (AU).

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

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(11) **WO 98/22559** (13) A1

(21) PCT/EP97/05166

(22) **20 Sep/sep 1997 (20.09.1997)**

(25) de (26) de

(31) 196 47 554.6 (32) **16 Nov/nov 1996** (33) DE **(16.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C10M 169/04 // (C10M 169/04, 129:76, 133:12, 133:44, 137:08, 137:10)

(54) OPERATING FLUID FOR LIFETIME LUBRICATED INTERNAL COMBUSTION ENGINES
LIQUIDE DE FONCTIONNEMENT POUR MOTEURS A COMBUSTION INTERNE A GRAISSAGE A VIE

(71) **FRAGOL INDUSTRIESCHMIERSTOFF GMBH** [DE/DE]; Reichspräsidentenstrasse 21–25, D–45470 Mülheim (DE). **DAIMLER–BENZ AG** [DE/DE]; Epplestrasse 225, D–70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEYER, Ludwig** [DE/DE]; Am Lierzfeld 8, D–40670 Meerbusch (DE). **GASTHUBER, Herbert** [DE/DE]; Margarethe–von–Wrangell–Weg 66/I, D–89075 Ulm (DE). **MÜSKE, Heiner** [DE/DE]; Rehhecke 17, D–40885 Ratingen (DE). **WOYDT, Mathias** [DE/DE]; Am Grünen Hof 2 a, D–13465 Berlin (DE).

(74) **KEIL & SCHAAFHAUSEN**; Eysseneckstrasse 31, D–60322 Frankfurt am Main (DE).

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

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(11) **WO 98/22560** (13) A2

(21) PCT/US97/21805

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 96870148.2 (32) **22 Nov/nov 1996** (33) EP **(22.11.1996)**

(34) BE et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C11D

(54) LAUNDRY BLEACHING COMPOSITIONS
COMPOSITIONS LESSIVIELLES DE BLANCHIMENT

(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) **BERTACCHI, Gabriella** [IT/IT]; Via Mainoso, 10/10, I–16163 Genova (IT). **DEL DUCA, Valerio** [IT/IT]; Corso S. Agata, 61/N, I–80064 Massalubrense (IT). **RICCI, Carlo** [IT/IT]; Via Dante de Blasi, 70, I–00151 Rome (IT). **SCARAMELLA, Roberto** [IT/IT]; Piazza San Cosimato, 63, I–00153 Rome (IT).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22561** (13) A2

(21) PCT/EP97/06273

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) de (26) de

(31) 196 48 014.0 (32) **20 Nov/nov 1996** (33) DE **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C11D 1/37

(54) WATER–FREE SURFACE–ACTIVE AGENTS
MELANGES TENSIOACTIFS EXEMPTS D'EAU

(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) **SCHMID, Karl–Heinz** [DE/DE]; Stifterstrasse 10, D–40822 Mettmann (DE). **KISCHKEL, Ditmar** [DE/DE]; Schwanenstrasse 20, D–40789 Monheim (DE). **KROHNEN, Thomas** [DE/DE]; Henkelstrasse 238, D–40599 Düsseldorf (DE). **SYLDATH, Andreas** [DE/DE]; Lottenstrasse 51, D–40789 Monheim (DE).

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

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(11) **WO 98/22562** (13) A1

(21) PCT/GB97/03133

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 9623823.3 (32) **16 Nov/nov 1996** (33) GB **(16.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C11D 1/52, 3/20, 3/43, 3/37

(54) HARD SURFACE CLEANER
PRODUIT SERVANT A NETTOYER DES SURFACES DURES

(71) **RECKITT & COLMAN PRODUCTS LIMITED** [GB/GB]; One Burlington Lane, London W4 2RW (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEDFORD, David** [GB/GB]; 31 Broadley Avenue, Anlaby, Hull HU10 7HH (GB). **WIGLEY, Susan** [GB/GB]; 146 Gillshill Road, Hull HU8 0JX (GB).

(74) **DALE, Martin, Nicholas** et al. / etc.; Reckitt & Colman plc, Group Patents Dept., Dansom Lane, Hull HU8 7DS (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22563** (13) A2

(21) PCT/DE97/02714

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) de (26) de

(31) 96–02184 (32) **20 Nov/nov 1996** (33) RO **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C11D 1/83, 3/43, 3/20, 3/30

(54) DETERGENTS FOR UNIVERSAL AND SPECIAL CLEANING OPERATIONS
DETERGENTS DESTINES A DES OPERATIONS UNIVERSELLES ET SPECIFIQUES DE NETTOYAGE

(71, 72) **KRATTENMACHER, Dieter** [DE/DE]; Röntgenstrasse 5, D–89343 Jettingen–Scheppach (DE).

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

(11) **WO 98/22564** (13) A1

(21) PCT/DE97/02713

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) de (26) de

(31) 96–02183 (32) **20 Nov/nov 1996** (33) RO **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C11D 3/20, 3/43, 3/33, 1/83, 3/36 // 1/12, 1/66, 1/72, 3/34

(54) GLASS CLEANING PRODUCTS
PRODUITS DE NETTOYAGE DU VERRE

(71, 72) **KRATTENMACHER, Dieter** [DE/DE]; Röntgenstrasse 5, D–89343 Jettingen–Scheppach (DE).

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

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(11) **WO 98/22565** (13) A1

(21) PCT/EP97/06113

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) de (26) de

(31) 196 47 609.7 (32) **18 Nov/nov 1996** (33) DE **(18.11.1996)**

(31) 196 48 504.5 (32) **22 Nov/nov 1996** (33) DE **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C11D 3/20, 17/06

(54) MULTIVALENT ALCOHOLS AND THEIR ALKOXYLATION PRODUCTS IN PARTICLE DETERGENTS FOR INCREASING THE DISSOLUTION RATE
ALCOOLS MULTIVALENTS ET LEURS PRODUITS D'ALCOXYLATION DANS DES DETERGENTS PARTICULAIRES POUR AUGMENTER LA VITESSE DE DISSOLUTION

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

(72, 75) **HUFF, Jürgen** [DE/DE]; Luitpoldstrasse 3, D–67281 Bissersheim (DE). **JÄGER, Hans–Ulrich** [DE/DE]; Erschigweg 31, D–67434 Neustadt (DE). **AUS DEM KAHMEN, Martin** [DE/DE]; Saarburger Strasse 29, D–67071 Ludwigshafen (DE). **KRONER, Matthias** [DE/DE]; Brucknerstrasse 25, D–67304 Eisenberg (DE). **LUX, Jürgen, Alfred** [DE/DE]; Rohrweiherweg 10, D–67150 Niederkirchen (DE). **OETTER, Günter** [DE/DE]; Hans–von–Marees–Strasse 21, D–67227 Frankenthal (DE).

(74) **BASF AKTIENGESELLSCHAFT**; D–67056 Ludwigshafen (DE).

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

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(11) **WO 98/22566** (13) A1

(21) PCT/US96/18261

(22) **15 Nov/nov 1996 (15.11.1996)**

(25) en (26) en

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C11D 3/20, 3/33, 3/36, 3/60, B08B 3/10, 9/08

(54) CLEANING METHOD FOR POLYETHYLENE TEREPHTALATE CONTAINERS
PROCEDE DE NETTOYAGE DE RESERVOIRS EN POLYETHYLENE TEREPHTHALATE

(71) **ECOLAB INC.** [US/US]; Ecolab Center, St. Paul, MN 55102 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CORDS, Bruce, R.** [US/US]; 4635 Park Ridge Drive, Eagan, MN 55123 (US). **WICHMANN, Gerald, K.** [US/US]; 9351 Dallas Lane North, Maple Grove, MN 55369 (US). **WEI, Guang–jong, Jason** [US/US]; 619 Pond View Drive, Mendota Heights, MN 55120 (US). **McSHERRY, David, D.** [US/US]; 1823 Talmage Avenue S.E., Minneapolis, MN 55414 (US). **HERDT, Brendon, L.** [US/US]; 5429 Upper 183rd, Farmington, MN 55024 (US). **VALENCIA, Arturo** [MX/MX]; Grosellas No. 26, Jardines de San Mateo, Naucalpan de jaurez, Edo de Mexico, 53240 (MX).

(74) **BRUESS, Steven, C.**; Merchant, Gould, Smith, Edell, Welter & Schmidt, 3100 Norwest Center, 90 South Seventh Street, Minneapolis, MN 55402–4131 (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 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 SK (Utility model / modèle d'utilité) TJ TM TR TT UA UG US UZ VN; AP (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22567** (13) A1

(21) PCT/US97/20057

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 08/751,295 (32) **18 Nov/nov 1996** (33) US **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C11D 3/386, 3/20, 3/48, A61L 2/00, G02C 13/00

(54) STABLE LIQUID ENZYME COMPOSITIONS FOR CLEANING CONTACT LENSES
COMPOSITIONS D'ENZYMES LIQUIDES STABLES POUR LE NETTOYAGE DE LENTILLES DE CONTACT

(71) **ALCON LABORATORIES, INC.** [US/US]; 6201 South Freeway, Fort Worth, TX 76134–2099 (US).

(72) **VAN DUZEE, Barry, F.**; 204 Fairway Drive, Weatherford, TX 76087 (US). **STONE, Ralph, P.**; 2122 Bay Cove Court, Arlington, TX 76013 (US). **ASGHARIAN, Bahram**; 6628 Townlake Circle, Arlington, TX 76016 (US).

(74) **MAYO, Michael, C.** et al. / etc.; Alcon Laboratories, Inc., Patent Dept. Q–148, 6201 South Freeway, Fort Worth, TX 76134–2099 (US).

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

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(11) **WO 98/22568** (13) A1

(21) PCT/US97/21450

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 60/032,065 (32) **22 Nov/nov 1996** (33) US **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C11D 7/06, 7/26, B08B 3/04

(54) STRIPPING FORMULATION INCLUDING CATECHOL, HYDROXYLAMINE, NON–ALKANOLAMINE, WATER FOR POST PLASMA ASHED WAFER CLEANING
FORMULATION DE DECAPAGE CONTENANT CATECHOL, HYDROXYLAMINE, EAU ET AMINES AUTRES QUE ALCANOLAMINES, DESTINEE AU NETTOYAGE DES PLAQUETTES AYANT SUBI UN BRULAGE AU PLASMA

(71) **ADVANCED CHEMICAL SYSTEMS INTERNATIONAL, INC.** [US/US]; 510 Alder Drive, Milpitas, CA 95035 (US).

(72) **GUAN, George**; 3900 Moorpark #58, San Jose, CA 95117 (US). **WOJTCZAK, William, A.**; 350 Elan Village Lane #1, San Jose, CA 95134 (US). **FINE, Stephen, A.**; 7 Jones Road, Peabody, MA 01960 (US).

(74) **GUILLOT, Robert, O.** et al. / etc.; Oppenheimer Wolff & Donnelly LLP, Suite 600, Ten Almaden Boulevard, San Jose, CA 95113 (US).

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

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(11) **WO 98/22569** (13) A2

(21) PCT/US97/21488

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 08/753,160 (32) **21 Nov/nov 1996** (33) US **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C11D 17/00, 1/00, 3/00

(54) MICROEMULSION ALL PURPOSE LIQUID CLEANING COMPOSITIONS
COMPOSITIONS DE NETTOYAGE UNIVERSEL EN MICRO–EMULSION

(71) **COLGATE–PALMOLIVE COMPANY** [US/US]; 300 Park Avenue, New York, NY 10022 (US).

(72) **CHARLEZ, Maria Jose**; Fuente del Tesoro #6, Fracc. Fuentes del Pedregal, Mexico, D.F. 14140 (MX). **CAZES, Abraham**; Vazquez de Mella 411–2, Colonia Polanco, Mexico, D.F. 11510 (MX).

(74) **NANFELDT, Richard, E.**; Colgate–Palmolive Company, 909 River Road, Piscataway, NJ 08855–1343 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22570** (13) A2

(21) PCT/EP97/06487

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) de (26) de

(31) 196 47 980.0 (32) **20 Nov/nov 1996** (33) DE **(20.11.1996)**

(31) 197 40 319.0 (32) **13 Sep/sep 1997** (33) DE **(13.09.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12C 11/00, C12M 1/04, 1/36

(54) METHOD AND DEVICE FOR ACCELERATING YEAST GROWTH IN THE BREWERY INDUSTRY
PROCEDE ET DISPOSITIF D'ACCELERATION DE LA CROISSANCE DE LA LEVURE DANS L'INDUSTRIE BRASSICOLE

(71) **TUCHENHAGEN GMBH** [DE/DE]; Am Industriepark 2–10, D–21514 Büchen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RIESS, Siegfried** [DE/DE]; Lehmrader Strasse 16, D–23899 Gudow (DE).

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

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(11) **WO 98/22571** (13) A1

(21) PCT/US97/21233

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/751,874 (32) **18 Nov/nov 1996** (33) US **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12H 1/22, B65B 31/00

(54) APPARATUS AND PROCESS FOR TREATING BOTTLED LIQUOR
APPAREIL ET PROCEDE DE TRAITEMENT D'UN ALCOOL MIS EN BOUTEILLE

(71, 72) **FORD, Clifton, K., Sr.** [US/US]; 2604 Antrim Street, Pealand, TX 77581 (US).

(74) **KIMBALL, Albert, B., Jr.** et al. / etc.; Pravel, Hewitt, Kimball & Krieger, P.C., 10th floor, 1177 West Loop South, Houston, TX 77027 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22572** (13) A1

(21) PCT/US97/20778

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/753,317 (32) **22 Nov/nov 1996** (33) US **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 1/20, C12Q 1/04, A01N 63/00

(54) MONILIFORMIN DETOXIFICATION COMPOSITIONS AND METHODS
COMPOSITIONS ET PROCEDES DE DETOXICATION DE LA MONILIFORMINE

(71) **PIONEER HI–BRED INTERNATIONAL, INC.** [US/US]; Darwin Building, 7100 N.W. 62nd Avenue, Johnston, IA 50131–1000 (US).

(72) **DUVICK, Jon**; 1707 38th Street, Des Moines, IA 50310 (US). **ROOD, Tracy, A.**; 6010 Weybridge Court, Johnston, IA 50131 (US).

(74) **YATES, Michael, E.** et al. / etc.; Darwin Building, 7100 N.W. 62nd Avenue, Johnston, IA 50131–1000 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22573** (13) A1

(21) PCT/US97/21088

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/753,104 (32) **20 Nov/nov 1996** (33) US **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 5/00, 11/00, 11/02, C12M 3/00, 3/04

(54) APPLICATION OF SHEAR FLOW STRESS TO CHONDROCYTES
APPLICATION D'UNE CONTRAINTE PAR COURANT DE CISAILLEMENT A DES CHONDROCYTES

(71) **ADVANCED TISSUE SCIENCES, INC.** [US/US]; 10933 North Torrey Pines Road, La Jolla, CA 92037–1005 (US).

(72) **SELIKTAR, Dror**; 3181 Paces Station Ridge, Atlanta, GA 30339 (US). **DUNKELMAN, Noushin**; 11518 Mesa Madera Court, San Diego, CA 92131 (US). **PETERSON, Alvin, E.**; 17620 Skyline Truck Terrace, Jamul, CA 91935 (US). **SCHREIBER, Rhonda, E.**; 25745 Caryn Court, Ramona, CA 92065 (US). **WILLOUGHBY, Jane**; 13731 Nob Avenue, Del Mar, CA 92014 (US). **NAUGHTON, Gail, K.**; 1280 Leneta Drive, Del Mar, CA 92014 (US).

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

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22574** (13) A2

(21) PCT/EP97/06002

(22) **30 Oct/oct 1997 (30.10.1997)**

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(31) 96118490.0 (32) **19 Nov/nov 1996** (33) EP **(19.11.1996)**

(34) DE et al. / etc.

(31) 97101085.5 (32) **24 Jan/jan 1997** (33) EP **(24.01.1997)**

(34) DE et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 9/00, 9/52

(54) TYPE I RECOMBINANT CLOSTRIDIUM HISTOLYTICUM COLLAGENASE AND ITS USE FOR ISOLATING CELLS AND CELL AGGREGATES
COLLAGENASE RECOMBINEE TYPE I PROVENANT DU CLOSTRIDIUM HISTOLYTICUM, ET SON UTILISATION POUR L'ISOLATION DES CELLULES ET DES AGGLOMERATIONS CELLULAIRES

(71) **BOEHRINGER MANNHEIM GMBH** [DE/DE]; Sandhofer Strasse 116, D–68305 Mannheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BURTSCHER, Helmut** [AT/DE]; Am Ährenanger 10, D–82392 Habach (DE). **AMBROSIUS, Dorothee** [DE/DE]; Minorstrasse 2, D–81477 München (DE). **HESSE, Friederike** [DE/DE]; Ganghoferstrasse 23, D–80339 München (DE).

(74) **BOEHRINGER MANNHEIM GMBH**; Werk Penzberg, Patentabteilung (RE–TB), Postfach 11 52, D–82372 Penzberg (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22575** (13) A2

(21) PCT/US97/21347

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 60/031,626 (32) **22 Nov/nov 1996** (33) US **(22.11.1996)**

(31) 60/061,953 (32) **14 Oct/oct 1997** (33) US **(14.10.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 9/12, 15/10, 15/54

(54) THERMOSTABLE POLYMERASES HAVING ALTERED FIDELITY
POLYMERASES THERMOSTABLES A FIDELITE MODIFIEE

(71) **HUMAN GENOME SCIENCES, INC.** [US/US]; 9410 Key West Avenue, Rockville, MD 20850 (US). **UNIVERSITY OF WISCONSIN** [US/US]; 1300 University Avenue, Madison, WI 53706 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DILLON, Patrick, J.** [US/US]; 7508 Boxberry Terrace, Gaithersburg, MD 20879 (US). **CHOI, Gil, H.** [KR/US]; 11429 Potomac Oaks Drive, Rockville, MD 20850 (US). **WELCH, Rodney, A.** [US/US]; 410 Ridge Street, Madison, WI 53705 (US).

(74) **STEFFE, Eric, K.** 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) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22576** (13) A1

(21) PCT/JP96/03425

(22) **21 Nov/nov 1996 (21.11.1996)**

(25) ja (26) ja

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 11/00, 11/04, C02F 3/10

(54) CARRIER FOR DEPOSITION OF MICROORGANISM AND PROCESS FOR PREPARING THE SAME
SUPPORT DESTINE AU DEPOT DE MICRO–ORGANISMES, ET PROCEDE DE PREPARATION ASSOCIE

(71) **MITSUBISHI KAGAKU SANSHI CORPORATION** [JP/JP]; 4–2, Nihonbashihoncho 4–chome, Chuo–ku, Tokyo 103 (JP). **CHIYODA CORPORATION** [JP/JP]; 12–1, Tsurumichuo 2–chome, Tsurumi–ku, Yokohama–shi, Kanagawa–ken 230 (JP). **TOABO CO., LTD.** [JP/JP]; 1–4, Kawaramachi 3–chome, Chuo–ku, Osaka–shi, Osaka–fu 541 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TACHIBANA, Yorinobu** [JP/JP]; Mitsubishi Kagaku Sanshi Corporation Shohinkenkyuzyo, 3–2, Chuo 8–chome, Amimachi, Inashikigun, Ibaraki–ken 300 (JP). **IMAI, Hiroshi** [JP/JP]; Mitsubishi Kagaku Sanshi Corporation, 4–2, Nihonbashihoncho 4–chome, Chuo–ku, Tokyo 103 (JP). **SUGIMOTO, Chotaro** [JP/JP]; Mitsubishi Chemical Corporation, 1–10–1, Yurakucho, Chiyoda–ku, Tokyo 100 (JP). **NAKAMURA, Mitsuo** [JP/JP]; 1–21, Nishitamagakicho, Suzuka–shi, Mie–ken 513 (JP). **HASEGAWA, Jun** [JP/JP]; 9–17–2–201, Kounandai, Kounan–ku, Yokohama–shi, Kanagawa–ken 234 (JP). **SATOH, Hiromi** [JP/JP]; 2–402, Honmokucho, Naka–ku, Yokohama–shi, Kanagawa–ken 231 (JP). **SUNAGA, Yoichi** [JP/JP]; 6–22–1–1207, Higashihongo, Midori–ku, Yokohama–shi, Kanagawa–ken 226 (JP). **SHIMOKAWA, Kenji** [JP/JP]; 89, Mitsukyo, Seya–ku, Yokohama–shi, Kanagawa–ken 246 (JP). **SAITOH, Masahi** [JP/JP]; 1–5–5–404, Komatsugawa, Edogawa–ku, Tokyo 132 (JP).

(74) **NIWA, Hiroyuki**; Niwa Patent Office, Nihonseimei Shimbashi Building, 18–16, Shimbashi 1–chome, Minato–ku, Tokyo 105 (JP).

(81) CN JP KR SG US.

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(11) **WO 98/22577** (13) A1

(21) PCT/IB97/01508

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 60/030,986 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(31) 60/048,945 (32) **25 Jun/juin 1997 (25.06.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 15/11, 15/10, C07K 14/47, 14/52

(54) FUSION PROTEINS HAVING INCREASED HALF–LIVES
PROTEINES DE FUSION A DEMI–VIE ALLONGEE

(71, 72) **MASUCCI, Maria, Grazia** [SE/SE]; Microbiology and Tumor Biology Center (MTC), P.O. Box 280, S–171 77 Stockholm (SE).

(74) **HALLYBONE, Huw, George**; Carpmaels & Ransford, 43 Bloomsbury Square, London WC1A 2RA (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22578** (13) A1

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(22) **12 Nov/nov 1997 (12.11.1997)**

(25) ja (26) ja

(31) 8/305163 (32) **15 Nov/nov 1996 (15.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 15/11, C12Q 1/68

(54) METHODS FOR DETECTING AND ISOLATING GENES
PROCEDES SERVANT A DETECTER ET A ISOLER DES GENES

(71) **INSTITUTE OF CYTOSIGNAL RESEARCH, INC.** [JP/JP]; 7–12, Ginza 2–chome, Chuo–ku, Tokyo 104 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAGASAWA, Yasuo** [JP/JP]; Institute of Cytosignal Research, Inc., 2–58, Hiro–machi 1–chome, Shinagawa–ku, Tokyo 140 (JP). **YOSHIDA, Hideaki** [JP/JP]; Institute of Cytosignal Research, Inc., 3 Miyahara–cho, Takasaki–shi, Gunma 370–12 (JP).

(74) **SHIMIZU, Hatsushi** et al. / etc.; Kantetsu Tsukuba Building 6F, 1–1–1, Oroshi–machi, Tsuchiura–shi, Ibaraki 300 (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 HU ID IL 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22579** (13) A1

(21) PCT/US97/20815

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/755,558 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 15/11, A61K 45/05

(54) INSULIN–LIKE GROWTH FACTOR 1 RECEPTOR (IGF–1R) ANTISENSE OLIGONUCLEOTIDE–TREATED BREAST CANCER CELLS COMPOSITION
COMPOSITION DE CELLULES DE CARCINOME MAMMAIRE TRAITEES AVEC UN OLIGONUCLEOTIDE ANTISENS DE RECEPTEUR DE FACTEUR DE CROISSANCE DE TYPE 1 (IGF–1R) TEL QUE L'INSULINE

(71) **REGENTS OF THE UNIVERSITY OF MINNESOTA** [US/US]; Morrill Hall, 100 Church Street, S.E., Minneapolis, MN 55455 (US).

(72) **LOW, Walter, C.**; 19845 Sweetwater Curve, Shorewood, MN 55331 (US). **WALLENFRIEDMAN, Margaret, A.**; 6805 Limerick Lane, Edina, MN 55439 (US). **CHIANG, Lan**; 4230 Underwood Lane North, Plymouth, MN 55442 (US).

(74) **BRUESS, Steven, C.**; Merchant, Gould, Smith, Edell, Welter & Schmidt, P.A., 3100 Norwest Center, 90 South Seventh Street, Minneapolis, MN 55402–4131 (US).

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

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(11) **WO 98/22580** (13) A2

(21) PCT/CA97/00880

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/746,883 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 15/12, A61K 38/17, C07K 19/00, 14/705, C12N 5/10, G01N 33/60

(54) BOVINE LACTATION ASSOCIATED IMMUNOTROPIC PROTEIN (CD14), ENCODING GENE AND APPLICATION IN B CELL ACTIVATION
PROTEINE IMMUNOTROPE (CD14) ASSOCIEE A LA LACTATION BOVINE, GENE CODANT CELLE–CI ET APPLICATION DE CETTE PROTEINE DANS UNE ACTIVATION DE LYMPHOCYTES B

(63) US 08/746,883 (CIP)
18 Nov/nov 1996 (18.11.1996)

(71) **THE WELLESLEY HOSPITAL FOUNDATION** [CA/CA]; 160 Wellesley Street East, Toronto, Ontario M4Y 1J3 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JULIUS, Michael, H.** [CA/CA]; 38 Earl Street, Townhouse #9, Toronto, Ontario M4Y 1M3 (CA). **FILIPP, Dominik** [SK/CA]; 704 – 15 Dundonald Street, Toronto, Ontario M5Y 1K4 (CA). **ALIZADEH–KHIAVI, Kamel** [IR/CA]; 618 – 1201 Richmond Street, London, Ontario N6A 3L6 (CA).

(74) **HUNT, John, C.**; Blake, Cassels & Graydon, Box 25, Commerce Court West, Toronto, Ontario M5L 1A9 (CA).

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

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(11) **WO 98/22581** (13) A1

(21) PCT/JP97/04127

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) ja (26) ja

(31) 8/305043 (32) **15 Nov/nov 1996 (15.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 15/12, 5/10, C07K 14/47

(54) TRANSCRIPTION REPRESSOR
REPRESSEUR DE TRANSCRIPTION

(71) **INSTITUTE OF CYTOSIGNAL RESEARCH, INC.** [JP/JP]; 7–12, Ginza 2–chome, Chuo–ku, Tokyo 104 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAGASAWA, Yasuo** [JP/JP]; Institute of Cytosignal Research, Inc., 2–58, Hiro–machi 1–chome, Shinagawa–ku, Tokyo 140 (JP). **YOSHIDA, Hideaki** [JP/JP]; Institute of Cytosignal Research, Inc., 3 Miyahara–cho, Takasaki–shi, Gunma 370–12 (JP).

(74) **SHIMIZU, Hatsushi** et al. / etc.; Kantetsu Tsukuba Building 6F, 1–1–1, Oroshi–machi, Tsuchiura–shi, Ibaraki 300 (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 HU ID IL 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/22582** (13) A1

(21) PCT/JP97/04182

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) ja (26) ja

(31) 8/327782 (32) **21 Nov/nov 1996 (21.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 15/12, C12P 21/02, C12N 5/16, C07H 21/04, A61K 48/00, 38/17, 39/395, 31/70, C07K 14/82, 16/30

(54) HUMAN CANCER REGRESSION ANTIGEN PROTEIN
PROTEINE ANTIGENIQUE DE REGRESSION DU CANCER CHEZ L'HOMME

(71, 72) **ITOH, Kyogo** [JP/JP]; 2–25–9, Keyakidai, Kiyama–machi, Miyaki–gun, Saga 841–0205 (JP).

(72, 75) **IMAI, Yasuhisa** [JP/JP]; 1980–6–803, Nankunnishi–machi, Kurume–shi, Fukuoka 830–0006 (JP). **THO, Uhi** [CN/JP]; 81–601, Miyase, Miyanogin–machi, Kurume–shi, Fukuoka 839–0801 (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) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22583** (13) A1

(21) PCT/US97/20951

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/753,038 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 08/972,719 (32) **18 Nov/nov 1997 (18.11.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 15/12, C07K 14/47, 16/18, G01N 33/68, A61K 38/00

(54) IDENTIFICATION OF Bap–1, A PROTEIN THAT BINDS TO INTEGRIN AND IS INVOLVED IN INTEGRIN–MEDIATED SIGNAL TRANSDUCTION
IDENTIFICATION DE Bap–1, UNE PROTEINE SE LIANT A L'INTEGRINE ET INTERVENANT DANS LA TRANSDUCTION DE SIGNAUX PAR INTEGRINE

(71) **COR THERAPEUTICS, INC.** [US/US]; 256 E. Grand Avenue, South San Francisco, CA 94080 (US).

(72) **LI, Shengfeng**; 1114 Ladera Way, Belmont, CA 94002 (US). **PHILLIPS, David, R.**; 245 Parrott Drive, San Mateo, CA 94402 (US).

(74) **ADLER, Reid, G.** et al. / etc.; Morgan, Lewis & Bockius, 1800 M Street, N.W., Washington, DC 20036 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22584** (13) A1

(21) PCT/US97/21205

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/751,305 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 15/12, C07K 14/705, G01N 33/53, 33/68, C12Q 1/68, C12N 5/08, A61K 48/00, C07K 16/28, A01K 67/027

(54) C1q RECEPTOR, ENCODING GENE AND APPLICATION IN HOST DEFENSE ENHANCEMENT
GENE CODANT POUR LE RECEPTEUR C1q ET SON APPLICATION DANS L'AUGMENTATION DE LA DEFENSE DE L'HOTE

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 22nd floor, 300 Lakeside Drive, Oakland, CA 94612–3550 (US).

(72) **TENNER, Andrea, J.**; 48 Urey Court, Irvine, CA 92612 (US). **NEPOMUCENO, Ronald, R.**; 5921 Verano Place, Irvine, CA 92612 (US).

(74) **BERLINER, Robert**; Fulbright & Jaworski, L.L.P., 29th floor, 865 South Figueroa Street, Los Angeles, CA 90017–2571 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22585** (13) A1

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(31) 60/031,396 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 15/12, C07K 14/47, 16/18, C12N 15/62, C12Q 1/68, A61K 48/00, C12N 15/11

(54) HUMAN POLYHOMEOTIC 2(*hph2*) ACTS AS AN ONCOGENE
POLYHOMEOTIQUE HUMAIN 2 (HPH2) AGISSANT COMME ONGOGENE

(71) **CHIRON CORPORATION** [US/US]; 4560 Horton Street, Emeryville, CA 94608 (US).

(72) **RANDAZZO, Filippo**; 6363 Christie Avenue #1401, Emeryville, CA 94608 (US).

(74) **POTTER, Jane, E., R.**; Chiron Corporation, Intellectual Property – R440, P.O. Box 8097, Emeryville, CA 94662–8097 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22586** (13) A2

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(31) 60/031,396 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 15/12, C07K 14/47, 16/18, C12N 15/62, C12Q 1/68, A61K 48/00

(54) HUMAN POLYHOMEOTIC 2 (*hph2*) ACTS AS A TUMOR SUPPRESSOR
POLYHOMEOTIQUE HUMAIN 2 (*hph2*) AGISSANT COMME SUPPRESSEUR DE TUMEUR

(71) **CHIRON CORPORATION** [US/US]; 4560 Horton Street, Emeryville, CA 94608 (US).

(72) **RANDAZZO, Filippo**; 6363 Christie Avenue #1401, Emeryville, CA 94608 (US).

(74) **POTTER, Jane, E., R.**; Chiron Corporation, Intellectual Property – R440, P.O. Box 8097, Emeryville, CA 94662–8097 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22587** (13) A2

(21) PCT/US97/21463

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 60/031,338 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 15/12, 15/11, 15/85, 5/10, C12Q 1/68, C07K 14/47, 16/18, A01K 67/027, A61K 38/17, 39/395, 48/00, G01N 33/53

(54) PITUITARY–TUMOR–TRANSFORMING–GENES, AND RELATED PRODUCTS
GENES TRANSFORMANTS DE LA TUMEUR DE L'HYPOPHYSE ET PRODUITS DERIVES

(71) **CEDARS–SINAI MEDICAL CENTER** [US/US]; 8700 Beverly Boulevard, Los Angeles, CA 90048 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MELMED, Shlomo** [US/US]; 9437 Cresta Drive, Los Angeles, CA 90035 (US). **PEI, Lin** [CN/US]; 10542 Bradbury Road, Los Angeles, CA 90064 (US).

(74) **AMZEL, Viviana** et al. / etc.; Pretty, Schroeder & Poplawski, 19th floor, 444 South Flower Street, Los Angeles, CA 90071 (US).

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

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(11) **WO 98/22588** (13) A2

(21) PCT/US97/21504

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 60/031,329 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 15/12, 15/11, 15/86, 7/02, 7/01, 5/08

(54) AN IMPROVED METHOD FOR THE PRODUCTION AND PURIFICATION OF ADENOVIRAL VECTORS
PROCEDE AMELIORE POUR PRODUCTION ET PURIFICATION DE VECTEURS D'ADENOVIRUS

(63) US 60/031,329 (CIP)
20 Nov/nov 1996 (20.11.1996)

(71) **INTROGEN THERAPEUTICS, INC.** [US/US]; Suite 2025, 301 Congress Avenue, Austin, TX 78701 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZHANG, Shuyuan** [–/US]; Houston, TX (US). **THWIN, Capucine** [–/US]; Houston, TX (US). **WU, Zhang** [–/US]; Houston, TX (US). **CHO, Toohyon** [–/US]; Houston, TX (US).

(74) **HIGHLANDER, Steven, L.**; Arnold, White & Durkee, P.O. Box 4433, Houston, TX 77210 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22589** (13) A2

(21) PCT/US97/21880

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 60/031,435 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(31) Not furnished / non communiqué (32) **20 Nov/nov 1997 (20.11.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 15/12, C07K 14/47, 16/18, C12Q 1/68, G01N 33/53, 33/68, A61K 38/17, 48/00

(54) SURVIVIN, A PROTEIN THAT INHIBITS CELLULAR APOPTOSIS, AND ITS MODULATION
LA SURVIVINE, PROTEINE INHIBANT L'APOPTOSE CELLULAIRE, ET SA MODULATION

(71) **YALE UNIVERSITY** [US/US]; 451 College Street, New Haven, CT 06510 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALTIERI, Dario, C.** [US/US]; 100 Reservoir Street, Hamden, CT 06517 (US).

(74) **ADLER, Reid, G.** et al. / etc.; Morgan, Lewis & Bockius LLP, 1800 M Street, N.W., Washington, DC 20036 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22590** (13) A1

(21) PCT/JP97/04188

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) ja (26) ja

(31) 8/322116 (32) **19 Nov/nov 1996 (19.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 15/13, C12P 21/08, C12N 5/04, C07K 16/00 // (C12P 21/08, C12R 1:91)

(54) PROCESS FOR PREPARING ANTIBODY MOLECULES
PROCEDE POUR PREPARER DES MOLECULES D'ANTICORPS

(71) **HAGIWARA, Yoshihide** [JP/JP]; 4–14, Hiraisanso, Takarazuka–shi, Hyogo 665 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAGIWARA, Hideaki** [JP/JP]; 4–14, Hiraisanso, Takarazuka–shi, Hyogo 665 (JP). **TAKESHIMA, Yasunobu** [JP/JP]; Famille Haitsu Kakogawa Ichibankan 404, 200–2, Yasuda, Onoe–cho, Kakogawa–shi, Hyogo 675 (JP).

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

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

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(11) **WO 98/22591** (13) A2

(21) PCT/EP97/06181

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 96308362.1 (32) **19 Nov/nov 1996 (19.11.1996)** (33) EP

(34) NL et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 15/29, C07K 14/415, C12P 21/02, C12N 1/21, C07K 16/16, C12N 5/04, A23L 3/375, A23G 9/02, 9/04, C12N 15/82

(54) CARROT ANTIFREEZE POLYPEPTIDES
POLYPEPTIDES ANTIGEL TIRES DE LA CAROTTE

(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 GB GH IE KE LK LS MN MW NZ SD SG SZ TT UG US ZW)

(71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
(only for / seulement pour AU BB CA GB GH IE KE LK LS MN MW NZ SD SG SZ TT UG ZW)

(72, 75) **BYASS, Louise, Jane** [GB/GB]; The University of York, Dept. of Biology, The Plant Laboratory, Heslington, York YO1 5YW (GB). **DOUCET, Charlotte, Juliette** [NL/GB]; The University of York, Dept. of Biology, The Plant Laboratory, Heslington, York YO1 5YW (GB). **FENN, Richard, Anthony** [GB/GB]; Unilever Research Colworth Lab., Colworth House, Sharnbrook MK44 1LQ (GB). **McARTHUR, Andrew, John** [GB/GB]; Unilever Research Colworth Lab., Colworth House, Sharnbrook MK44 1LQ (GB). **SIDEBOTTOM, Christopher, Michael** [GB/GB]; Unilever Research Colworth Lab., Colworth House, Sharnbrook MK44 1LQ (GB). **SMALLWOOD, Margaret, Felicia** [GB/GB]; The University of York, Dept. of Biology, The Plant Laboratory, Heslington, York YO1 5YW (GB). **WARRELL, Dawn** [GB/GB]; The University of York, Dept. of Biology, The Plant Laboratory, Heslington, York YO1 5YW (GB).

(74) **UNILEVER N.V.**; Patent Division, P.O. Box 137, NL–3130 AC Vlaardingen (NL).

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

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(11) **WO 98/22592** (13) A1

(21) PCT/US97/19109

(22) **21 Oct/oct 1997 (21.10.1997)**

(25) en (26) en

(31) 60/031,205 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(31) 08/904,284 (32) **31 Jul/juil 1997 (31.07.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 15/29, 15/82, A01H 5/00

(54) AGL15 SEQUENCES IN TRANSGENIC PLANTS
SEQUENCES AGL15 DE PLANTES TRANSGENIQUES

(71) **WISCONSIN ALUMNI RESEARCH FOUNDATION** [US/US]; 614 Walnut Street, P.O. Box 7365, Madison, WI 53707–7365 (US).

(72) **FERNANDEZ, Donna, E.**; 1034 McKenna Boulevard, Unit #5, Madison, WI 53719 (US). **HECK, Gregory, R.**; 2200 Divot Drive, Crystal Lake Park, MO 63131–3201 (US).

(74) **SEAY, Nicholas, J.**; Quarles & Brady, One South Pinckney Street, P.O. Box 2113, Madison, WI 53701–2113 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22593** (13) A1

(21) PCT/US97/21507

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 08/754,282 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 15/29, 15/82, 15/11, A01H 5/00

(54) P GENE PROMOTER CONSTRUCTS FOR FLORAL–TISSUE PREFERRED GENE EXPRESSION
CONSTRUCTIONS PROMOTRICES DU GENE P POUR EXPRESSION PREFERENTIELLE D'UN GENE DE TISSU FLORAL

(71) **PIONEER HI–BRED INTERNATIONAL, INC.** [US/US]; Darwin Building, 7100 N.W. 62nd Avenue, Johnston, IA 50131–1000 (US). **IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC.** [US/US]; 310 Lab of Mechanics, Ames, IA 50011–2131 (US).

(72) **LI, Xianggan**; 111–J Chestnut Crossing Drive, Newark, DE 19713 (US). **BOWEN, Ben, A.**; 3008 36th Avenue, Des Moines, IA 50310 (US). **PETERSON, Thomas**; 27947 560th Avenue, Ames, IA 50011 (US).

(74) **RAN, David, B.** et al. / etc.; Darwin Building, 7100 N.W. 62nd Avenue, Johnston, IA 50131–1000 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22594** (13) A1

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(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 60/033,206 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 15/29, 15/82, C07K 14/415, 16/16, A01N 65/00, C12Q 1/68, A01H 5/00

(54) COMPOSITIONS AND METHODS FOR PLANT PATHOGEN RESISTANCE
COMPOSITIONS ET PROCEDES PERMETTANT UNE RESISTANCE A DES AGENTS PATHOGENES DES PLANTES

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; University of California, Berkley, Office of Technology Licensing, Suite 510, 2150 Shattuck Avenue, Berkley, CA 94720–1620 (US).

(72) **STASKAWICZ, Brian, J.**; 18945 Marciel Court, Castro Valley, CA 94546 (US). **CENTURY, Karen, S.**; 2315 McGee Avenue, Berkeley, CA 94703 (US). **SHAPIRO, Allan**; 201 S. Chapel Street, Newark, DE 19711 (US). **REPETTI, Peter, P.**; 2267 Hearst Avenue #2, Berkley, CA 94709–1820 (US). **DAHLBECK, Douglas**; 18851 Lenross Court, Castro Valley, CA 94546 (US).

(74) **DOW, Alan, E.**; Klarquist, Sparkman, Campbell, Leigh & Whinston, LLP, One World Trade Center, Suite 1600, 121 S.W. Salmon Street, Portland, OR 97204 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22595** (13) A1

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(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 08/754,490 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(31) 08/922,505 (32) **3 Sep/sep 1997 (03.09.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 15/32, 15/62, C07K 14/325, A01N 63/00, C12Q 1/68, A01H 5/00, C07K 16/12, G01N 33/68

(54) BROAD–SPECTRUM DELTA–ENDOTOXINS
ENDOTOXINES DELTA A LARGE SPECTRE

(71) **ECOGEN, INC.** [US/US]; 2005 Cabot Boulevard West, Langhorne, PA 19047–3023 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MALVAR, Thomas** [US/US]; 1001 Dublin Road, Dublin, PA 18917 (US). **GILMER, Amy, Jelen** [US/US]; 2551 Tulip Lane, Langhorne, PA 19047 (US).

(74) **KITCHELL, Barbara, S.**; Arnold, White & Durkee, P.O. Box 4433, Houston, TX 77210 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(22) **19 Nov/nov 1997 (19.11.1997)**

(25) ja (26) ja

(31) 8/323412 (32) **19 Nov/nov 1996 (19.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 15/48, A61K 39/285

(54) RECOMBINANT VACCINIA VIRUS, PROCESS FOR PREPARING Gag PROTEIN PARTICLE STRUCTURE USING THE SAME, PARTICLE PREPARED BY SAID PROCESS, AND USE THEREOF
VIRUS VACCINAL RECOMBINE, PROCEDE POUR PREPARER UNE STRUCTURE PARTICULAIRE DE PROTEINES Gag A L'AIDE DE CELUI–CI, PARTICULE AINSI PREPAREE ET SON UTILISATION

(71) **JAPAN as represented by DIRECTOR GENERAL OF NATIONAL INSTITUTE OF INFECTIOUS DISEASES** [JP/JP]; 23–1, Toyama–cho 1–chome, Shinjuku–ku, Tokyo 162 (JP). **NIPPON ZEON CO., LTD.** [JP/JP]; 6–1, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOJIMA, Asato** [JP/JP]; 28–16, Higashi 1–chome, Kuki–shi, Saitama 346 (JP). **KURATA, Takeshi** [JP/JP]; 7–3, Fuchu 2–chome, Fuchu–shi, Tokyo 183 (JP). **YASUDA, Atsushi** [JP/JP]; Research & Development Center, Nippon Zeon Co., Ltd., 2–1, Yako 1–chome, Kawasaki–ku, Kawasaki–shi, Kanagawa 210 (JP).

(74) **HIRAKI, Yusuke** et al. / etc.; Toranomon No. 5 Mori Building, 3rd floor, 17–1, Toranomon 1–chome, Minato–ku, Tokyo 105 (JP).

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

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(11) **WO 98/22597** (13) A2

(21) PCT/US97/21684

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 60/031,196 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(31) 60/046,126 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 15/57, 9/64, C12P 21/00, C07K 16/40, C12N 15/11, C12Q 1/68, G01N 33/50

(54) CLONING AND CHARACTERIZATION OF NAPSIN, AN ASPARTIC PROTEASE
CLONAGE ET CARACTERISATION DE NAPSINE, UNE PROTEASE ASPARTIQUE

(71) **OKLAHOMA MEDICAL RESEARCH FOUNDATION** [US/US]; 825 N.E. Thirteenth Street, Oklahoma City, OK 73104 (US).

(72) **KEOLSCH, Gerald**; 11617 Roxboro Avenue, Oklahoma City, OK 73162 (US). **LIN, Xinli**; 1201 Charlton, Edmond, OK 73003 (US). **TANG, Jordan, J., N.**; 1204 Leawood Drive, Edmond, OK 73034 (US).

(74) **PABST, Patrea, L.** et al. / etc.; Arnall Golden & Gregory, 2800 One Atlantic Center, 1201 West Peachtree Street, Atlanta, GA 30309–3450 (US).

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

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(11) **WO 98/22598** (13) A1

(21) PCT/US97/21084

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/749,521 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 60/049,441 (32) **12 Jun/juin 1997 (12.06.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 15/75, 1/21, C07K 14/32

(54) METHODS FOR PRODUCING POLYPEPTIDES IN SURFACTIN MUTANTS OF BACILLUS CELLS
PROCEDES DE PRODUCTION DE POLYPEPTIDES DANS DES MUTANTS DE CELLULES DE BACILLES INDUISANT LA SURFACTINE

(71) **NOVO NORDISK BIOTECH, INC.** [US/US]; 1445 Drew Avenue, Davis, CA 95616 (US).

(72) **SLOMA, Alan**; 849 Donovan Court, Davis, CA 95616 (US). **STERNBERG, David**; 3205 Breton Avenue, Davis, CA 95616 (US). **ADAMS, Lee, F.**; 1880 Cowell Boulevard, Davis, CA 95616 (US). **BROWN, Stephen**; 3708 Miwok PLace, Davis, CA 95616 (US).

(74) **ZELSON, Steve, T.** et al. / etc.; Novo Nordisk of North America, Inc., Suite 6400, 405 Lexington Avenue, New York, NY 10174 (US).

(81) AL AU BB BG BR CA CN CU CZ EE GE HU IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TR TT UA UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 96203213.2 (32) **18 Nov/nov 1996 (18.11.1996)** (33) EP

(34) NL et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 15/82, 15/29, 5/10, 9/22, A01H 5/00, A01N 65/00

(54) NEMATODE–INDUCIBLE REGULATORY DNA SEQUENCES

SEQUENCES D'ADN DE REGULATION INDUCTIBLES PAR LES NEMATODES

(71) **MOGEN INTERNATIONAL N.V.** [NL/NL]; Einsteinweg 97, NL–2333 CB Leiden (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OHL, Stephan, Andreas** [DE/NL]; Magda Janssenpad 34, NL–2331 JP Leiden (NL). **VAN DER LEE, Frédérique, Marianne** [NL/NL]; Vinkenlaan 131, NL–2623 GJ Delft (NL). **GODDIJN, Oscar, Johannes, Maria** [NL/NL]; Oude Herengracht 5, NL–2312 LN Leiden (NL). **KLAP, Joke** [NL/NL]; De Zalmen 49, NL–6865 AK Doorwerth (NL). **SIJMONS, Peter, Christiaan** [NL/NL]; Valeriusstraat 210 IV, NL–1075 GK Amsterdam (NL).

(74) **VAN WEZENBEEK, L., A., C., M.**; Mogen International N.V., Einsteinweg 97, NL–2333 CB Leiden (NL).

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

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(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 15/82, 15/52, 15/29, A01H 5/00

(54) TRANSGENIC PLANT OR PLANTS WITH A NATURALLY HIGH WATER CONTENT OVERPRODUCING AT LEAST TWO AMINO ACIDS OF THE ASPARTATE FAMILY
PLANTE(S) TRANSGENIQUE(S) PRESENTANT UNE TENEUR NATURELLE ELEVEE EN EAU ET SURPRODUISANT AU MOINS DEUX ACIDES AMINES DE LA FAMILLE ASPARTATE

(71) **AVEBE** [NL/NL]; Avebe–weg 1, NL–9607 PT Foxhol (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAN DER MEER, Ingrid, Maria** [NL/NL]; Herschelstraat 31, NL–1098 JB Amsterdam (NL). **VORST, Oscar, Frederik, Jozef** [NL/NL]; Poortstraat 55, NL–3572 HD Utrecht (NL). **BRUINENBERG, Peter, Martin** [NL/NL]; Brahmslaan 25, NL–9603 CA Hoogezand (NL). **SANDERS, Johannes, Pieter, Marinus** [NL/NL]; Saaksumborg 1, NL–9722 WL Groningen (NL). **VAN TUNEN, Adrianus, Johannes** [NL/NL]; Wim Sonneveldstraat 31, NL–6708 NA Wageningen (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 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 (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22601** (13) A1

(21) PCT/US97/21145

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 60/031,045 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 15/82, 15/54, 9/12, C12Q 1/68, A01H 5/00

(54) HEAT STABLE MUTANTS OF STARCH BIOSYNTHESIS ENZYMES
MUTANTS THERMOSTABLES D'ENZYMES DE BIOSYNTHESE D'AMIDON

(71) **UNIVERSITY OF FLORIDA** [US/US]; 223 Grinter Hall, Gainesville, FL 32611 (US).

(72) **HANNAH, L., Curtis**; 4400 N.W. 39th Avenue #434, Gainesville, FL 32606 (US). **GREENE, Tom, W.**; 925 S.W. 82nd Terrace, Gainesville, FL 32607 (US).

(74) **PACE, Doran, R.** et al. / etc.; Saliwanchik, Lloyd & Saliwanchik, Suite A–1, 2421 N.W. 41st Street, Gainesville, FL 32606–6669 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU ID IL 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 ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 08/753,316 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 15/82, A23L 1/015, A62D 3/00

(54) ZEARALENONE DETOXIFICATION COMPOSITIONS AND METHODS
COMPOSITIONS ET PROCEDES POUR LA DETOXIFICATION DE LA ZEARALENONE

(71) **PIONEER HI–BRED INTERNATIONAL, INC.** [US/US]; Darwin Building, 7100 N.W. 62nd Avenue, Johnston, IA 50131–1000 (US).

(72) **ROOD, Tracy, A.**; 6010 Weybridge Court, Johnston, IA 50131 (US). **DUVICK, Jon**; 1707 38th Street, Des Moines, IA 50310 (US).

(74) **YATES, Michael, E.** et al. / etc.; Darwin Building, 7100 N.W. 62nd Avenue, Johnston, IA 50131–1000 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22603** (13) A1

(21) PCT/US97/21207

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/753,287 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 15/82, A23L 1/015, A62D 3/00

(54) BEAUVERICIN DETOXIFICATION COMPOSITIONS AND METHODS
COMPOSITIONS ET PROCEDES DE DETOXIFICATION DE LA BEAUVERICINE

(71) **PIONEER HI–BRED INTERNATIONAL, INC.** [US/US]; Darwin Building, 7100 N.W. 62nd Avenue, Johnston, IA 50131–1000 (US).

(72) **DUVICK, Jon**; 1707 38th Street, Des Moines, IA 50310 (US). **ROOD, Tracy, A.**; 6010 Weybridge Court, Johnston, IA 50131 (US).

(74) **YATES, Michael, E.** et al. / etc.; Darwin Building, 7100 N.W. 62nd Avenue, Johnston, IA 50131–1000 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22604** (13) A1

(21) PCT/US97/21388

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 08/752,503 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 15/82, 15/29, 9/12, C12Q 1/68, A01H 5/00

(54) METHODS OF PRODUCING HIGH–OIL SEED BY MODIFICATION OF STARCH LEVELS
PROCEDES DE PRODUCTION DE GRAINE A HAUTE TENEUR EN HUILE PAR MODIFICATION DES TENEURS EN AMIDON

(71) **PIONEER HI–BRED INTERNATIONAL, INC.** [US/US]; Darwin Building, 7100 N.W. 62nd Avenue, Johnston, IA 50131–1000 (US).

(72) **SINGLETARY, George**; 613 N.W. Wagner Ridge Court, Ankeny, IA 50021 (US). **ANDERSON, Paul, C.**; 849 25th Street, West Des Moines, IA 50265 (US). **COUGHLAN, Sean, J.**; 5610 Waterbury Circle, Des Moines, IA 50312 (US).

(74) **MICHEL, Marianne, H.** et al. / etc.; Darwin Building, 7100 N.W. 62nd Avenue, Johnston, IA 50131–1000 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 60/031,330 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 15/85, 15/86, C12Q 1/170, 1/68, C07K 1/00, A61K 48/00

(54) IMPROVED METHODS FOR TRANSDUCING CELLS
METHODES AMELIOREES DE TRANSDUCTION CELLULAIRE

(71) **BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM** [US/US]; 201 West 7th Street, Austin, TX 78701 (US).

(72) **FIDLER, Isaiah, J.**; Kingwood, TX (US). **DONG, Zhongyun**; Houston, TX (US). **KUMAR, Rakesh**; Houston, TX (US).

(74) **HIBLER, David, W.**; Arnold White & Durkee, P.O. Box 4433, Houston, TX 77210 (US).

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

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(22) **13 Nov/nov 1997 (13.11.1997)**

(25) fr (26) fr

(31) 96/13969 (32) **15 Nov/nov 1996 (15.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 15/86, 9/10, A61K 48/00, C12N 9/20, C07K 14/47

(54) RECOMBINANT BICISTRON ADENOVIRUS FOR TREATING PATHOLOGICAL CONDITIONS LINKED WITH DYSLIPOPROTEINEMIA
ADENOVIRUS RECOMBINANTS BICISTRONIQUES POUR LE TRAITEMENT DE PATHOLOGIES LIEES AUX DYSLIPOPROTEINEMIES

(71) **RHONE–POULENC RORER 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) **BENOIT, Patrick** [FR/FR]; 24, rue Jonquay, F–75014 Paris (FR). **DUVERGER, Nicolas** [FR/FR]; 1, rue Martel, F–75010 Paris (FR). **ROUY, Didier** [FR/FR]; 7, résidence Plein Sud, F–94320 Thiais (FR). **SEGURET, Sandrine** [FR/FR]; 13, rue Charles Linné, F–78180 Montigny le Bretonneux (FR).

(74) **DERNONCOUR, Roxane**; Rhône–Poulenc Rorer S.A., Direction Brevets, 20, avenue Raymond Aron, F–92165 Antony Cedex (FR).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE GH HU ID IL 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 ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22607** (13) A1

(21) PCT/FR97/02073

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) fr (26) fr

(31) 96/14278 (32) **22 Nov/nov 1996 (22.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 15/86, 7/01

(54) METHOD FOR PRODUCING RECOMBINANT VIRUS
PROCEDE DE PRODUCTION DE VIRUS RECOMBINANTS

(71) **RHONE–POULENC RORER 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) **LEBLOIS–PREHAUD, Hélène** [FR/FR]; 1, rue Ernest Lavisse, F–78280 Guyancourt (FR). **PERRICAUDET, Michel** [FR/FR]; 31, rue de Chartres, F–28320 Ecrosnes (FR). **VIGNE, Emmanuelle** [FR/FR]; 2, rue Bernard Palissy, F–94200 Ivry sur Seine (FR). **YEH, Patrice** [FR/FR]; 11 bis, rue Lacépède, F–75005 Paris (FR).

(74) **DERNONCOUR, Roxane**; Rhône–Poulenc Rorer S.A., Direction Brevets, 20, avenue Raymond Aron, F–92165 Antony (FR).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE GH HU ID IL 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 ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 60/031,057 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 15/86, 15/12, 15/65, 5/06, 5/10, C07K 14/47, 14/82, 14/71, G01N 33/68, A61K 48/00

(54) POST–MITOTIC NEURONS CONTAINING ADENOVIRUS VECTORS THAT MODULATE APOPTOSIS AND GROWTH
NEURONES POST–MITOTIQUES CONTENANT DES VECTEURS A BASE D'ADENOVIRUS QUI MODULENT L'APOPTOSE ET LA CROISSANCE

(71) **MCGILL UNIVERSITY** [CA/CA]; 853 Sherbrook Street West, Montreal, Quebec H3A 2T6 (CA).

(72) **MILLER, Freda, D.**; 4201 Old Orchard Street, Montreal, Quebec H4A 3B3 (CA). **SLACK, Ruth, S.**; 58 Sherway Drive, Ontario K2J 1N3 (CA).

(74) **DEETH WILLIAMS WALL**; National Bank Building, Suite 400, 150 York Street, Toronto, Ontario M5H 3S5 (CA).

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

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(11) **WO 98/22609** (13) A1

(21) PCT/US97/21494

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 08/752,760 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 15/86, A61K 48/00

(54) CHIMERIC ADENOVIRAL VECTORS
VECTEURS D'ADENOVIRUS CHIMERIQUES

(71) **GENZYME CORPORATION** [US/US]; One Mountain Road, Framingham, MA 01701 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ARMENTANO, Donna, E.** [US/US]; 352 Brigthon Street, Belmont, MA 02178 (US). **GREGORY, Richard, J.** [US/US]; 2 Wintergreen Lane, Westford, MA 01866 (US). **SMITH, Alan, E.** [GB/US]; 1 Mill Street, Dover, MA 02030 (US).

(74) **SEIDE, Rochelle, K.**; Baker & Botts, LLP, 30 Rockefeller Plaza, New York, NY 10112 (US).

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

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(31) 96/13990 (32) **15 Nov/nov 1996 (15.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12N 15/88, A61K 48/00

(54) NOVEL POLYMERIC COMPLEXES FOR THE TRANSFECTION OF NUCLEIC ACIDS, WITH RESIDUES CAUSING THE DESTABILISATION OF CELL MEMBRANES
NOUVEAUX COMPLEXES POLYMERIQUES POUR LA TRANSFECTION D'ACIDES NUCLEIQUES, AVEC DES RESIDUS DESTABILISANT DES MEMBRANES CELLULAIRES

(71) **I.D.M. IMMUNO–DESIGNED MOLECULES** [FR/FR]; 172, rue de Charonne, F–75011 Paris (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MIDOUX, Patrick** [FR/FR]; 21, rue du Poinçon, F–45100 Orléans (FR). **MONSIGNY, Michel** [FR/FR]; 341, rue des Bouvreuils, F–45590 Saint–Cyr–en–Val (FR).

(74) **GROSSET–FOURNIER, Chantal** et al. / etc.; Grosset–Fournier & Demachy S.A.R.L., 103, rue La Fayette, F–75481 Paris Cedex 10 (FR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 08/752,803 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12P 1/04, 7/40, 7/46, 7/56, 7/62

(54) PRODUCTION AND RECOVERY OF ORGANIC ACIDS
PRODUCTION ET RECUPERATION D'ACIDES ORGANIQUES

(71) **A.E. STALEY MANUFACTURING COMPANY** [US/US]; 2200 East Eldorado Street, Decatur, IL 62525 (US).

(72) **EYAL, Aharon, M.**; Beiar 32, 93386 Jerusalem (IL). **LEHNHARDT, William, F.**; 16 W. Okaw Lane, R.R. #1 Box 225E, Lovington, IL 61937 (US).

(74) **GOODMAN, Kenneth, D.**; Arnold, White & Durkee, P.O. Box 4433, Houston, TX 77210 (US).

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

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(11) **WO 98/22612** (13) A1

(21) PCT/JP97/04007

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) ja (26) ja

(31) 8/325834 (32) **22 Nov/nov 1996 (22.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12P 17/06, C07D 311/92, 407/04

(54) NOVEL ANTITUMOR COMPOUNDS AND USE THEREOF
NOUVEAUX COMPOSES ANTITUMORAUX ET UTILISATION DE CES DERNIERS

(71) **MERCIAN CORPORATION** [JP/JP]; 5–8, Kyobashi 1–chome, Chuo–ku, Tokyo 104 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAKASHIMA, Takashi** [JP/JP]; N–204, 2–9–2, Kugenumashinmei, Fujisawa–shi, Kanagawa 251 (JP). **FUJII, Tadashi** [JP/JP]; 4–39–4, Nishiogikita, Suginami–ku, Tokyo 167 (JP). **SAKAI, Kazuya** [JP/JP]; Harvest Tomoe 205, 1–13–4, Tomoe, Chigasaki–shi, Kanagawa 253 (JP). **SAMESHIMA, Tomohiro** [JP/JP]; 2–1–30–306, Fujigaoka, Fujisawa–shi, Kanagawa 251 (JP). **KUMAGAI, Hiroyuki** [JP/JP]; 11–5, Hamasuka, Chigasaki–shi, Kanagawa 253 (JP). **YOSHIOKA, Takeo** [JP/JP]; 1782–10, Yoshioka, Ayase–shi, Kanagawa 252 (JP).

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

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

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(11) **WO 98/22613** (13) A1

(21) PCT/DK97/00537

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 1331/96 (32) **21 Nov/nov 1996 (21.11.1996)** (33) DK

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12P 19/14, 19/04

(54) USE OF CARBOHYDRATE–BINDING DOMAIN IN STARCH PROCESSING
UTILISATION D'UN DOMAINE DE FIXATION SUR DES GLUCIDES DANS LE TRAITEMENT DE L'AMIDON

(71) **NOVO NORDISK A/S** [DK/DK]; Novo Allé, DK–2880 Bagsværd (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PEDERSEN, Sven** [DK/DK]; Novo Nordisk A/S, Novo Allé, DK–2880 Bagsværd (DK). **CHRISTOPHERSEN, Claus** [DK/DK]; Novo Nordisk A/S, Novo Allé, DK–2880 Bagsværd (DK).

(74) **NOVO NORDISK A/S**; Novo Allé, DK–2880 Bagsværd (DK).

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

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(11) **WO 98/22614** (13) A1

(21) PCT/JP97/04159

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) ja (26) ja

(31) 8/323488 (32) **19 Nov/nov 1996 (19.11.1996)** (33) JP

(31) 8/339055 (32) **4 Dec/déc 1996 (04.12.1996)** (33) JP

(31) 9/100908 (32) **3 Apr/avr 1997 (03.04.1997)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12P 19/30

(54) PROCESS FOR PRODUCING NUCLEOSIDE 5'–TRIPHOSPHATES AND APPLICATION OF THE SAME
PROCEDE POUR PRODUIRE DES NUCLEOSIDES 5'–TRIPHOSPHATES ET UTILISATION DESDITS NUCLEOSIDES

(71) **YAMASA CORPORATION** [JP/JP]; 10–1, Araoicho 2–chome, Choshi–shi, Chiba 288 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NOGUCHI, Toshitada** [JP/JP]; 1556, Sakaecho 3–chome, Choshi–shi, Chiba 288 (JP). **SHIBA, Toshikazu** [JP/JP]; 1–10–34, Higashi 3–chome, Kita 28–jo, Higashi–ku, Sapporo–shi, Hokkaido 065 (JP).

(74) **ARUGA, Mitsuyuki** et al. / etc.; Kyodo Building, 3–6, Nihonbashiningyocho 1–chome, Chuo–ku, Tokyo 103 (JP).

(81) AU CA CN HU JP KR MX US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22615** (13) A1

(21) PCT/US97/21037

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 60/031,216 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(31) 08/971,675 (32) **17 Nov/nov 1997 (17.11.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12P 19/34

(54) METHODS FOR PREVENTING INHIBITION OF NUCLEIC ACID SYNTHESIS BY PYROPHOSPHATE
PROCEDES DESTINES A EMPECHER L'INHIBITION DE LA SYNTHESE D'ACIDE NUCLEIQUE PAR LE PYROPHOSPHATE

(71) **LIFE TECHNOLOGIES, INC.** [US/US]; 9800 Medical Center Drive, Rockville, MD 20850 (US).

(72) **BLAKESLEY, Robert, W.**; 8193 Stone Ridge Drive, Frederick, MD 21702 (US).

(74) **ESMOND, Robert, W.** et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, Washington, DC 20005–3934 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22616** (13) A1

(21) PCT/JP97/04259

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) ja (26) ja

(31) 8/311109 (32) **21 Nov/nov 1996 (21.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12P 21/02, C12N 15/06, 5/16, C07K 16/28, A61K 39/395, G01N 33/53

(54) ANTI–HUMAN VEGF RECEPTOR F1t–1 MONOCLONAL ANTIBODY
ANTICORPS MONOCLONAL AVEC RECEPTEUR F1T–1 VEGF ANTI–HUMAIN

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

(72, 75) **SHITARA, Kenya** [JP/JP]; 2–1–19, Kugenuma–ishigami, Fujisawa–shi, Kanagawa 251 (JP). **ITO, Mikito** [JP/JP]; 3–6–6, Asahi–machi, Machida–shi, Tokyo 194 (JP). **HANAI, Nobuo** [JP/JP]; 7–9–15, Ohnodai, Sagamihara–shi, Kanagawa 229 (JP). **SHIBUYA, Masabumi** [JP/JP]; 5374–18–601, Shiba, Kawaguchi–shi, Saitama 333 (JP).

(81) AU BG BR CA CN CZ HU IL JP KR MX NO NZ PL RO SG SI SK UA US VN; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22617** (13) A1

(21) PCT/US97/21674

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 08/754,322 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(31) 08/915,189 (32) **20 Aug/Août 1997 (20.08.1997)** (33) US

(31) Not furnished / non communiqué (32) **18 Nov/nov 1997 (18.11.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12Q 1/02, 1/00, G01N 33/567, 33/574, 33/53, C12P 21/06, A61K 38/00, 38/04, 35/14, A01N 37/18

(54) INVASION–INDUCING AGENTS AND INVASION–INHIBITORS FOR USE IN WOUND HEALING AND CANCER
AGENTS INDUCTEURS D'INVASION ET INHIBITEURS D'INVASION S'UTILISANT DANS LA GUERISON DE PLAIES ET LE TRAITEMENT DU CANCER

(63) US 08/915,189 (CIP)
20 Aug/Août 1997 (20.08.1997)

(71) **THE REGENTS OF THE UNIVERSITY OF MICHIGAN** [US/US]; Wolverine Tower, Room 2071, 3003 South State Street, Ann Arbor, MI 48109 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LIVANT, Donna, L.** [US/US]; 2625 Antietam Drive, Ann Arbor, MI 48105 (US).

(74) **CARROLL, Peter, G.** et al. / etc.; Medlen & Carroll, LLP, Suite 2200, 220 Montgomery Street, San Francisco, CA 94104 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22618** (13) A1

(21) PCT/IL97/00376

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 119644 (32) **19 Nov/nov 1996 (19.11.1996)** (33) IL

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12Q 1/06, 1/18, G01N 15/14

(54) RAPID MICROBIOLOGICAL ASSAY
PROCEDE RAPIDE DE DOSAGE MICROBIOLOGIQUE

(71) **COMBACT DIAGNOSTIC SYSTEMS LTD.** [IL/IL]; Medinal Hayehudim Street 60, 46766 Herzliya (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAHAR, Eli** [IL/IL]; Bitsaron Street 21, 67895 Tel Aviv (IL). **SCHORR, Amir** [IL/IL]; Hamishna Street 8, 62917 Tel Aviv (IL). **AHARON, Roni** [IL/IL]; Harduf Street 1, 43000 Raanana (IL).

(74) **REINHOLD COHN AND PARTNERS**; P.O. Box 4060, 61040 Tel Aviv (IL).

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

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(11) **WO 98/22619** (13) A1

(21) PCT/US97/04450

(22) **21 Mar/mar 1997 (21.03.1997)**

(25) en (26) en

(31) 08/746,986 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12Q 1/37, C07D 235/20

(54) METAL MEDIATED SERINE PROTEASE INHIBITORS
INHIBITEURS DE LA SERINE PROTEASE AYANT POUR MEDIATEURS DES METAUX

(63) US 08/746,986 (CON)
19 Nov/nov 1996 (19.11.1996)

(71) **ARRIS PHARMACEUTICAL CORPORATION** [US/US]; 385 Oyster Point Boulevard, South San Francisco, CA 94080 (US). **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 22nd floor, 300 Lakeside Drive, Oakland, CA 94612 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CLARK, James, M.** [US/US]; 2400 Kehoe Avenue, San Mateo, CA 94403 (US). **ELROD, Kyle** [US/US]; 4325 Sedge Street, Fremont, CA 94555 (US). **JENKINS, Thomas, E.** [US/US]; 16 Redwood Drive, La Honda, CA 94020 (US). **KATZ, Bradley, A.** [CA/US]; 1019 Ashbury Street #3, San Francisco, CA 94117 (US). **MOORE, William, R.** [US/US]; 1317 Balboa Avenue, Burlingame, CA 94010 (US). **STROUD, Robert, M.** [GB/US]; 376 Castaneda Avenue, San Francisco, CA 94116 (US).

(74) **DOW, Karen, B.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111–3834 (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 US UZ VN YU; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22620** (13) A1

(21) PCT/GB97/03160

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 9624165.8 (32) **19 Nov/nov 1996 (19.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12Q 1/68

(54) USE OF NUCLEIC ACIDS BOUND TO CARRIER MACROMOLECULES
UTILISATION D'ACIDES NUCLEIQUES LIES A DES MACROMOLECULES PORTEUSES

(71) **AMDEX A/S** [DK/DK]; Lersø Parkalle 42, DK–2100 Copenhagen Ø (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STANLEY, Christopher, John** [GB/GB]; 12A Cromwell Place, St. Ives, Huntingdon, Cambridgeshire PE17 4JB (GB).

(74) **SMART, Peter, J.**; W.H. Beck, Greener & Co., 7 Stone Buildings, Lincoln's Inn, London WC2A 3SZ (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22621** (13) A1

(21) PCT/US97/20953

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 08/753,147 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12Q 1/68, C07H 21/02, 21/04

(54) DETECTION OF MUTATIONS IN THE HUMAN ATM GENE
DETECTION DE MUTATIONS DANS LE GENE D'ATAXIE–TELANGIECTASIE MUTEE HUMAIN

(71) **VIRGINIA MASON RESEARCH CENTER** [US/US]; 1000 Seneca Street, Seattle, WA 98101 (US).

(72) **CONCANNON, Patrick**; 5335 Old Mill Road N.E., Bainbridge Island, WA 98110 (US).

(74) **SHEINESS, Diana, K.**; Christensen O'Connor Johnson & Kindness PLLC, Suite 2800, 1420 Fifth Avenue, Seattle, WA 98101 (US).

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

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(11) **WO 98/22622** (13) A1

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(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/751,292 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12Q 1/68

(54) METHOD FOR IDENTIFYING MUTANTS AND MOLECULES
PROCEDE D'IDENTIFICATION DE MUTANTS ET DE MOLECULES

(71) **WISCONSIN ALUMNI RESEARCH FOUNDATION** [US/US]; 614 North Walnut Street, P.O. Box 7365, Madison, WI 53707–7365 (US).

(72) **DOVE, William, F.**; 4130 Mandan Crescent, Madison, WI 53711 (US). **SHEDLOVSKY, Alexandra**; 4130 Mandan Crescent, Madison, WI 53711 (US).

(74) **BERSON, Bennett, J.**; Quarles & Brady, One South Pinckney Street, P.O. Box 2113, Madison, WI 53701–2113 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22623** (13) A2

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(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/751,782 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 08/925,171 (32) **8 Sep/sep 1997 (08.09.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12Q 1/68, 14/00

(54) CDNA COLLECTIONS ENCODING PROTEINS REGULATED DURING PROGRAMMED CELL DEATH, AND METHODS OF USE THEREOF

COLLECTIONS D'ADN COMPLEMENTAIRE CODANT DES PROTEINES REGULEES DURANT UNE MORT CELLULAIRE PROGRAMMEE, ET PROCEDES D'UTILISATION ASSOCIEES

(71) **THE ROCKEFELLER UNIVERSITY** [US/US]; 1230 York Avenue, New York, NY 10021–6399 (US). **UNIVERSITY OF CALIFORNIA** [US/US]; 745 Parnassus Avenue, San Francisco, CA 94143–1209 (US).

(72) **HEINTZ, Nathaniel**; 441 Fowler Avenue, Pelham Manor, NY 10803 (US). **GUBBAY, John**; 8 Ambrose Avenue, Golders Green, London NW11 9AN (GB). **SKINNER, Michael, K.**; 770 S.W. Staley, Pullman, WA 99163 (US).

(74) **DAVIS, Michael, D.** et al. / etc.; Klauber & Jackson, 411 Hackensack Avenue, Hackensack, NJ 07601 (US).

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

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(11) **WO 98/22624** (13) A1

(21) PCT/US97/21166

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 60/033,338 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(31) Not furnished / non communiqué (32) **17 Nov/nov 1997 (17.11.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12Q 1/68, 1/70, G01N 33/53, C12P 19/34, C07H 21/04, C07K 5/00

(54) A METHOD OF DETECTING PROTEIN BY IMMUNO RNA
METHODE POUR DETECTER UNE PROTEINE PAR IMMUNO–ARN

(71) **THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA** [US/US]; Center for Technology Transfer, Suite 300, 3700 Market Street, Philadelphia, PA 19104–3246 (US).

(72) **EBERWINE, James**; 3918 Henry Avenue, Philadelphia, PA 19129 (US). **RODGERS, Lori**; Apartment 2, 1008 South 45th Street, Philadelphia, PA 19104 (US).

(74) **LICATA, Jane, Massey** et al. / etc.; Law Offices of Jane Massey Licata, 66 E. Main Street, Marlton, NJ 08053 (US).

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

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(11) **WO 98/22625** (13) A1

(21) PCT/US97/21333

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 60/031,590 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C12Q 1/68

(54) MICROFABRICATED ISOTHERMAL NUCLEIC ACID AMPLIFICATION DEVICES AND METHODS
DISPOSITIFS MICROFABRIQUES ET PROCEDES D'AMPLIFICATION ISOTHERME D'ACIDES NUCLEIQUES

(71) **THE REGENT OF THE UNIVERSITY OF MICHIGAN** [US/US]; Wolverine Tower #2071, 3003 South State Street, Ann Arbor, MI 48109–1280 (US). **BECTON, DICKINSON AND COMPANY** [US/US]; 1 Becton Drive, Franklin Lakes, NJ 07417–1880 (US).

(72) **BURNS, Mark**; 639 Trego Circle, Ann Arbor, MI 48103 (US). **DENUZZIO, John, D.**; 1909 North Hawick Court, Chapel Hill, NC 27516 (US). **BURKE, David, T.**; 1318 South Forest, Ann Arbor, MI 48104 (US). **JOHNSON, Brian, N.**; 2613 Fenwick Court, Ann Arbor, MI 48104 (US).

(74) **HIBLER, David, W.**; Arnold White & Durkee, P.O. Box 4433, Houston, TX 77210 (US).

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

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(11) **WO 98/22626** (13) A1

(21) PCT/JP97/04221

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) ja (26) ja

(31) 8/324704 (32) **20 Nov/nov 1996 (20.11.1996)** (33) JP

(31) 8/329950 (32) **10 Dec/déc 1996 (10.12.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C21B 13/10, 11/00, 11/02, C22B 1/14

(54) REDUCED IRON MANUFACTURING METHOD AND APPARATUS
PROCEDE ET APPAREIL POUR LA PRODUCTION DE FER REDUIT

(71) **SUMITOMO METAL INDUSTRIES, LTD.** [JP/JP]; 5–33, Kitahama 4–chome, Chuo–ku, Osaka–shi, Osaka 541 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAMEI, Yasuo** [JP/JP]; 36–14–814, Yatsu 5–chome, Narashino–shi, Chiba 275 (JP). **KAWAGUCHI, Takazo** [JP/JP]; 4727–43, Omigawa, Omigawa–cho, Katori–gun, Chiba 289–03 (JP). **YAMAOKA, Hideyuki** [JP/JP]; 22–27, Hinode 8–chome, Itako–machi, Namekata–gun, Ibaraki 311–24 (JP). **NAKAMURA, Yoshihisa** [JP/JP]; 14–10, Shibaya–cho, Takatsuki–shi, Osaka 569–11 (JP).

(74) **HONOUE, Terutada** et al. / etc.; Honoue Patent Office, Sumitomoseimei–Amagasaki Building, 17–23, Higashinaniwa–cho 5–chome, Amagasaki–shi, Hyogo 660 (JP).

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

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(11) **WO 98/22627** (13) A1

(21) PCT/JP97/04234

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) ja (26) ja

(31) 8/326178 (32) **20 Nov/nov 1996 (20.11.1996)** (33) JP

(31) 8/337565 (32) **2 Dec/déc 1996 (02.12.1996)** (33) JP

(31) 8/342442 (32) **7 Dec/déc 1996 (07.12.1996)** (33) JP

(31) 9/120301 (32) **22 Apr/avr 1997 (22.04.1997)** (33) JP

(31) 9/120302 (32) **22 Apr/avr 1997 (22.04.1997)** (33) JP

(31) 9/123186 (32) **24 Apr/avr 1997 (24.04.1997)** (33) JP

(31) 9/134299 (32) **7 May/mai 1997 (07.05.1997)** (33) JP

(31) 9/220640 (32) **31 Jul/juil 1997 (31.07.1997)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C21C 7/10, 7/068

(54) METHOD OF VACUUM DECARBURIZATION/REFINING OF MOLTEN STEEL AND APPARATUS THEREFOR
PROCEDE DE DECARBURATION/ALLIAGE DANS LE VIDE D'ACIER FONDU ET APPAREIL ASSOCIE

(71) **NIPPON STEEL CORPORATION** [JP/JP]; 6–3, Otemachi 2–chome, Chiyoda–ku, Tokyo 100–71 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIYAMOTO, Kenichiro** [JP/JP]; Nippon Steel Corporation Yawata Works, 1–1, Tobihata–cho, Tobata–ku, Kitakyushu City, Fukuoka 804 (JP). **KATO, Katsuhiko** [JP/JP]; Nippon Steel Corporation Yawata Works, 1–1, Tobihata–cho, Tobata–ku, Kitakyushu City, Fukuoka 804 (JP). **SHINKAI, Akio** [JP/JP]; Nippon Steel Corporation Yawata Works, 1–1, Tobihata–cho, Tobata–ku, Kitakyushu City, Fukuoka 804 (JP). **KANEYASU, Takayuki** [JP/JP]; Nippon Steel Corporation Yawata Works, 1–1, Tobihata–cho, Tobata–ku, Kitakyushu City, Fukuoka 804 (JP). **KITAMURA, Shinya** [JP/JP]; Nippon Steel Corporation Technical Development Bureau, 20–1, Shintomi, Futtsu City, Chiba 299–12 (JP). **ISHIMATSU, Hiroyuki** [JP/JP]; Nippon Steel Corporation Yawata Works, 1–1, Tobihata–cho, Tobata–ku, Kitakyushu City, Fukuoka 804 (JP). **SUGANO, Hiroshi** [JP/JP]; Nippon Steel Corporation Yawata Works, 1–1, Tobihata–cho, Tobata–ku, Kitakyushu City, Fukuoka 804 (JP). **KATAHIRA, Keiichi** [JP/JP]; Nippon Steel Corporation Technical Development Bureau, 20–1, Shintomi, Futtsu City, Chiba 299–12 (JP). **HAYAKAWA, Ryuzou** [JP/JP]; Nippon Steel Corporation Yawata Works, 1–1, Tobihata–cho, Tobata–ku, Kitakyushu City, Fukuoka 804 (JP).

(74) **ISHIDA, Takashi** et al. / etc.; A. Aoki & Associates, Toranomon 37 Mori Building, 5–1, Toranomon 3–chome, Minato–ku, Tokyo 105 (JP).

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

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(11) **WO 98/22628** (13) A1

(21) PCT/NL97/00630

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 1004566 (32) **19 Nov/nov 1996 (19.11.1996)** (33) NL

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C22B 43/00, B09C 1/06, H01M 6/52, F27B 5/04, A62D 3/00

(54) INSTALLATION AND METHOD FOR REMOVING MERCURY FROM WASTE MATERIALS BY VACUUM DISTILLATION
INSTALLATION ET PROCEDE D'ENLEVEMENT DE MERCURE A PARTIR DE DECHETS, PAR DISTILLATION SOUS VIDE

(71) **BEGEMANN HOLDING B.V.** [NL/NL]; Vijverweg 9, NL–3312 AT Dordrecht (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAVERKAMP BEGEMANN, Roeland** [NL/NL]; Vijverweg 9, NL–3312 AT Dordrecht (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 GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22629** (13) A2

(21) PCT/US97/22311

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 60/031,694 (32) **22 Nov/nov 1996** (33) US **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C22C

(54) A NEW CLASS OF BETA TITANIUM–BASED ALLOYS WITH HIGH STRENGTH AND GOOD DUCTILITY
NOUVELLE CLASSE D'ALLIAGES A BASE DE TITANE BETA PRESENTANT UNE HAUTE RESISTANCE ET UNE BONNE DUCTILITE

(71, 72) **LI, Dongjian** [CN/US]; The University of Virginia Patent Foundation, The Towers Office Building, Suite 1–110, 1224 West Main Street, Charlottesville, VA 22903 (US). **DOHERTY, Kevin, J.** [US/US]; The University of Virginia Patent Foundation, The Towers Office Building, Suite 1–110, 1224 West Main Street, Charlottesville, VA 22903 (US). **SHIFLET, Gary, J.** [US/US]; The University of Virginia Patent Foundation, The Towers Office Building, Suite 1–110, 1224 West Main Street, Charlottesville, VA 22903 (US). **POON, S., Joseph** [US/US]; The University of Virginia Patent Foundation, The Towers Office Building, Suite 1–110, 1224 West Main Street, Charlottesville, VA 22903 (US).

(74) **KELBER, Steven, B.** et al. / etc.; Oblon, Spivak, McClelland, Maier & Neustadt, P.C., Crystal Square Five, 4th floor, 1755 Jefferson Davis Highway, Arlington, VA 22202 (US).

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

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(11) **WO 98/22630** (13) A1

(21) PCT/SE97/01943

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 9604258–5 (32) **21 Nov/nov 1996** (33) SE **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C22C 1/03, B22F 1/00

(54) IRON ADDITIVE FOR ALLOYING NON–FERROUS ALLOYS
ADDITIF DE FER POUR INCORPORATION DANS DES ALLIAGES NON FERREUX

(71) **HÖGANÄS AB** [SE/SE]; S–263 83 Höganäs (SE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BARKENTIN, Karl–Axel** [SE/SE]; Skanörgatan 11, S–263 53 Höganäs (SE).

(74) **AWAPATENT AB**; P.O. Box 5117, S–200 71 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22631** (13) A1

(21) PCT/US97/21134

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/752,513 (32) **20 Nov/nov 1996** (33) US **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C22C 1/05, 29/08

(54) DENSE FINE GRAINED MONOTUNGSTEN CARBIDE–TRANSITION METAL CEMENTED CARBIDE BODY AND PREPARATION THEREOF
CORPS DE CARBURE FRITTE DE CARBURE DE MONOTUNGSTENE–METAL DE TRANSITION A GRAIN DENSE ET COMPACT ET SON PROCEDE DE PREPARATION

(71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).

(72) **DUBENSKY, Ellen, M.**; 1905 Trailwood Circle East, Midland, MI 48642 (US). **NILSSON, Robert, T.**; 735 Wilderness Drive, Midland, MI 48640 (US).

(74) **NILSEN, Kevin, J.**; Patent Dept., P.O. Box 1967, Midland, MI 48641–1967 (US).

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

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(11) **WO 98/22632** (13) A1

(21) PCT/US97/21364

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/753,157 (32) **21 Nov/nov 1996** (33) US **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C22C 29/00

(54) REFRACTORY METAL SPONGE FINES COMPOSITION
COMPOSITION A BASE DE FINES D'EPONGE DE METAL REFRACTAIRE

(71, 72) **MEGY, Joseph, A.** [US/US]; 100 North Chester Street, New Cumberland, WV 26047 (US).

(74) **LANE, William, G.**; William G. Lane, Inc., P.C., Suite 500, 18400 Von Karman Avenue, Irvine, CA 92612 (US).

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

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(11) **WO 98/22633** (13) A1

(21) PCT/EP97/06492

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) de (26) de

(31) 196 48 261.5 (32) **21 Nov/nov 1996** (33) DE **(21.11.1996)**

(31) 197 23 868.8 (32) **6 Jun/juin 1997** (33) DE **(06.06.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C22C 32/00, 1/10

(54) HIGH–TEMPERATURE ALUMINIUM MATERIAL, ESPECIALLY FOR PRODUCING PISTONS
MATERIAU D'ALUMINIUM A HAUTE RESISTANCE A CHAUD, NOTAMMENT POUR LA PRODUCTION DE PISTONS

(71) **SEILSTORFER GMBH & CO. METALLURGISCHE VERFAHRENSTECHNIK KG** [DE/DE]; Kolbingerstrasse 7, D–83527 Haag (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SEILSTORFER, Helmut** [DE/DE]; Ebersbergerstrasse 12, D–81679 München (DE).

(74) **WILHELMS, KILIAN & PARTNER**; Eduard–Schmid–Strasse 2, D–81541 München (DE).

(81) BR CA CN JP KR MX US.

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(11) **WO 98/22634** (13) A1

(21) PCT/US97/20555

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/755,082 (32) **22 Nov/nov 1996** (33) US **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C22F 1/00

(54) METHOD OF MAKING AN AA7000 SERIES ALUMINUM WROUGHT PRODUCT HAVING A MODIFIED SOLUTION HEAT TREATMENT
PROCEDE DE FABRICATION D'UN PRODUIT CORROYE D'UN ALUMINIUM DE SERIE AA7000 COMPRENANT UN TRAITEMENT THERMIQUE PAR SOLUTION MODIFIEE

(71) **REYNOLDS METALS COMPANY** [US/US]; 6601 West Broad Street, Richmond, VA 23230 (US).

(72) **CANTRELL, Mark, Alan**; 12164 Pinhook Road, Rockville, VA 23146–9740 (US). **ANDERSON, Kevin, Richard**; 10641 Savoy Road, Richmond, VA 23235 (US). **ARCHIBALD, Kim, Herbert**; 5406 Sarata Court, Chesterfield, VA 23832 (US).

(74) **HAUPTMAN, Benjamin, J.** et al. / etc.; Lowe Price LeBlanc & Becker, Suite 300, 99 Canal Center Plaza, Alexandria, VA 22314 (US).

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

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(11) **WO 98/22635** (13) A1

(21) PCT/US97/20731

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/751,843 (32) **18 Nov/nov 1996** (33) US **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C23C 14/28, 14/04

(54) METHOD AND APPARATUS FOR DIRECTIONAL DEPOSITION OF THIN FILMS USING LASER ABLATION
PROCEDE ET APPAREIL DE DEPOT DIRECTIONNEL DE FILMS MINCES AU MOYEN D'UNE ABLATION PAR LASER

(71) **MICRON TECHNOLOGY, INC.** [US/US]; 8000 S. Federal Way, Boise, ID 83706 (US).

(72) **SHARAN, Sujit**; 15683 S. Alyssum Pl., Boise, ID 83705 (US). **SANDHU, Gurtej, S.**; 2964 E. Parkriver Drive, Boise, ID 83706 (US).

(74) **KRESS, Hugh, R.**; Arnold, White & Durkee, P.O. Box 4433, Houston, TX 77210 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22636** (13) A1

(21) PCT/JP97/04232

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) ja (26) ja

(31) 8/308816 (32) **20 Nov/nov 1996 (20.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C23C 14/34, 14/14

(54) SPUTTERING TARGET AND ANTIFERROMAGNETIC FILM AND MAGNETO–RESISTANCE EFFECT ELEMENT FORMED BY USING THE SAME
CIBLE POUR PULVERISATION, ET FILM ANTIFERROMAGNETIQUE ET ELEMENT A EFFET MAGNETORESISTANT FORMES A L'AIDE DE LADITE CIBLE

(71) **KABUSHIKI KAISHA TOSHIBA** [JP/JP]; 72, Horikawa–cho, Saiwai–ku, Kawasaki–shi, Kanagawa 210 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMANOBE, Takashi** [JP/JP]; M608–22, 6–11–3, Minaminaruse, Machida–shi, Tokyo 194 (JP). **FUJIOKA, Naomi** [JP/JP]; 4–3–11–402, Minamikurihara, Zama–shi, Kanagawa 228 (JP). **ISHIGAMI, Takashi** [JP/JP]; 303–1–2–713, Katsura–cho, Sakae–ku, Yokohama–shi, Kanagawa 247 (JP). **KATSUI, Nobuo** [JP/JP]; 40–1–31, Saitobun–cho, Kanagawa–ku, Yokohama–shi, Kanagawa 221 (JP). **FUKE, Hiromi** [JP/JP]; 512–11–1102, Futago, Takatsu–ku, Kawasaki–shi, Kanagawa 213 (JP). **SAITO, Kazuhiro** [JP/JP]; 21–3, Higashibogaoka, Asahi–ku, Yokohama–shi, Kanagawa 241 (JP). **IWASAKI, Hitoshi** [JP/JP]; 7–2–1–503, Kurihama, Yokosuka–shi, Kanagawa 239 (JP). **SAHASHI, Masashi** [JP/JP]; 139–25, Nakata–cho, Izumi–ku, Yokohama–shi, Kanagawa 245 (JP). **WATANABE, Takashi** [JP/JP]; B–207, 2–8–2, Shiomidai, Isogo–ku, Yokohama–shi, Kanagawa 235 (JP).

(74) **SUYAMA, Saichi**; Kandahigashiyama Building, 1, Kandatacho 2–chome, Chiyoda–ku, Tokyo 101 (JP).

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

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(11) **WO 98/22637** (13) A1

(21) PCT/US97/14924

(22) **25 Aug/Août 1997 (25.08.1997)**

(25) en (26) en

(31) 08/752,097 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C23C 16:02

(54) METHOD FOR MAKING A DIAMOND–COATED MEMBER
PROCEDE POUR REALISER UN ELEMENT AVEC UN REVETEMENT DE DIAMANTS

(71) **KENNAMETAL INC.** [US/US]; P.O. Box 231, Latrobe, PA 15650 (US).

(72) **LIU, Yixiong**; Apartment 203, 212 North Shenandoah Drive, Latrobe, PA 15650 (US).

(74) **PRIZZI, John, J.** et al. / etc.; Kennametal Inc., P.O. Box 231, Latrobe, PA 15650 (US).

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

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(11) **WO 98/22638** (13) A1

(21) PCT/US97/20487

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 60/031,060 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 08/911,865 (32) **15 Aug/Août 1997 (15.08.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C23C 16/52, 14/54, 16/48

(54) METHOD FOR ADJUSTING SEMICONDUCTOR PROCESSING EQUIPMENT
PROCEDE DE REGLAGE D'UN APPAREIL DE TRAITEMENT DE SEMICONDUCTEURS

(71) **ADVANCED SEMICONDUCTOR MATERIALS AMERICA, INC.** [US/US]; 3440 East University Drive, Phoenix, AZ 85034–7200 (US).

(72) **HAWKINS, Mark, R.**; 347 Oxford Lane, Gilbert, AZ 85233 (US). **VYNE, Robert, M.**; 302 S. Jared, Gilbert, AZ 85296 (US). **VAN DER JEUGD, Cornelius, A.**; 1511 S.W. Park Avenue #513, Portland, OR 97201 (US).

(74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson & Bear, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22639** (13) A1

(21) PCT/RU97/00332

(22) **27 Oct/oct 1997 (27.10.1997)**

(25) en (26) en

(31) 96121833 (32) **18 Nov/nov 1996 (18.11.1996)** (33) RU

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C23C 24/08, B05B 7/16

(54) APPARATUS FOR GAS–DYNAMIC COATING
APPAREIL DE REVETEMENT UTILISANT LA DYNAMIQUE DES GAZ

(71) **O.O.O. OBNINSKY TSENTR POROSHKOVOGO NAPYLENIA** [RU/RU]; ul. Kurchatova, 21–114B, Obninsk, Kaluzhskaya obl., 249020 (RU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KASHIRIN, Alexandr Ivanovich** [RU/RU]; pr. Marxa, 51–87, Obninsk, Kaluzhskaya obl., 249020 (RU). **KLJUEV, Oleg Fedorovich** [RU/RU]; ul. Konchalovskogo, 7–35, Obninsk, Kaluzhskaya obl., 249020 (RU). **BUZDYGAR, Timur Valerievich** [RU/RU]; pl. Kurchatova, 1–19, Obninsk, Kaluzhskaya obl., 249020 (RU).

(74) **VELICHKO, Natalya Nikolaevna**; P.O. Box 452, Obninsk, Kaluzhskaya obl., 249020 (RU).

(81) CA CN KR US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22640** (13) A1

(21) PCT/FI97/00695

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 964611 (32) **18 Nov/nov 1996 (18.11.1996)** (33) FI

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C23G 5/02, 5/024

(54) AN OIL–TREATED STEEL BODY AND USE OF OIL FOR REMOVING STAINS FROM THE SURFACE OF A STEEL BODY
CORPS D'ACIER TRAITE A L'HUILE, ET UTILISATION D'HUILE AFIN D'ELIMINER DES TACHES SUR LA SURFACE D'UN CORPS D'ACIER

(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) **KNUUTTILA, Jouko** [FI/FI]; Meiramikuja 5 I 30, FIN–02940 Espoo (FI).

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

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

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(11) **WO 98/22641** (13) A1

(21) PCT/US97/21380

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 08/749,365 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] C25D 5/00, 7/00, 5/20, C25C 1/16

(54) EFFICIENT ELECTROWINNING OF ZINC FROM ALKALINE ELECTROLYTES

EXTRACTION ELECTROLYTIQUE EFFICACE DE ZINC A PARTIR D'ELECTROLYTES ALCALINS

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 22nd floor, 300 Lakeside Drive, Oakland, CA 94612–3550 (US).

(72) **SIU, Stanley, C.**; 20571 Crow Creek Road, Castro Valley, CA 94552 (US). **EVANS, James, W.**; 530 Boulevard Way, Piedmont, CA 94610 (US).

(74) **BERLINER, Robert**; Fulbright & Jaworski, L.L.P., 29th floor, 865 South Figueroa Street, Los Angeles, CA 90017–2571 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22642** (13) A1

(21) PCT/JP97/04269

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) ja (26) ja

(31) 8/311099 (32) **21 Nov/nov 1996 (21.11.1996)** (33) JP

(31) 8/311100 (32) **21 Nov/nov 1996 (21.11.1996)** (33) JP

(31) 8/316261 (32) **27 Nov/nov 1996 (27.11.1996)** (33) JP

(31) 8/316262 (32) **27 Nov/nov 1996 (27.11.1996)** (33) JP

(31) 9/140173 (32) **29 May/mai 1997 (29.05.1997)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] D01F 2/00

(54) REGENERATED CELLULOSIC FIBERS AND PROCESS FOR PRODUCING THE SAME
FIBRES DE CELLULOSE DE REGENERATION ET PROCEDE DE PRODUCTION

(71) **TOYO BOSEKI KABUSHIKI KAISHA** [JP/JP]; 2–8, Dojimahama 2–chome, Kita–ku, Osaka–shi, Osaka 530 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YABUKI, Kazuyuki** [JP/JP]; Toyo Boseki Kabushiki Kaisha, Research Institute, 1–1, Katata 2–chome, Ohtsu–shi, Shiga 520–02 (JP). **TANAKA, Yoshikazu** [JP/JP]; Toyo Boseki Kabushiki Kaisha, Research Institute, 1–1, Katata 2–chome, Ohtsu–shi, Shiga 520–02 (JP). **KOBAYASHI, Hisato** [JP/JP]; Toyo Boseki Kabushiki Kaisha, Research Institute, 1–1, Katata 2–chome, Ohtsu–shi, Shiga 520–02 (JP).

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

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(11) **WO 98/22643** (13) A1

(21) PCT/JP97/04164

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 8/312345 (32) **22 Nov/nov 1996 (22.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] D01F 8/06, 8/14, D04H 1/54

(54) A NON–WOVEN FABRIC COMPRISING FILAMENTS AND AN ABSORBENT ARTICLE USING THE SAME
NON–TISSE COMPRENANT DES FILAMENTS ET ARTICLE ABSORBANT UTILISANT LEDIT NON–TISSE

(71) **CHISSO CORPORATION** [JP/JP]; 6–32, Nakanoshima 3–chome, Kita–ku, Osaka–shi, Osaka 530 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUJIWARA, Toshikatsu** [JP/JP]; 15–18–401, Moriyama 6–chome, Moriyama–shi, Shiga 524 (JP). **HORIUCHI, Shingo** [JP/JP]; 251, Tateiricho, Moriyama–shi, Shiga 524 (JP). **SUGAWARA, Shigeyuki** [JP/JP]; 251, Tateiricho, Moriyama–shi, Shiga 524 (JP).

(74) **IKEUCHI, Hiroyuki** et al. / etc.; Suite 401, Umeda Plaza Building, 3–25, Nishitenma 4–chome, Kita–ku, Osaka–shi, Osaka 530 (JP).

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

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(11) **WO 98/22644** (13) A1

(21) PCT/US97/20728

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/754,608 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] D04H 1/60, B29B 15/12, 11/16

(54) METHOD FOR MAKING PREFORMS
PROCEDE DE FABRICATION DE PREFORMES

(71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).

(72) **BARRON, James, H.**; Lazy Oak Ranch, Route 7, Lot 2, Brazoria, TX 77422 (US). **ENTRINGER, James**; 16 Colony Square, Angleton, TX 77515 (US). **MOORE, Randy, S.**; 521 Lotus, Lake Jackson, TX 77566 (US).

(74) **GALBRAITH, Ann, K.**; Patent Dept., P.O. Box 1967, Midland, MI 48641–1967 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22645** (13) A1

(21) PCT/US97/20934

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 08/754,585 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] D05B 85/00

(54) BUTTON ATTACHING DEVICE
DISPOSITIF DE FIXATION DE BOUTONS

(71) **AVERY DENNISON CORPORATION** [US/US]; 150 North Orange Grove Boulevard, Pasadena, CA 91103 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DESCHENES, Charles, L.** [US/US]; 22 Norton Road, North Attleboro, MA 02760 (US). **DAVIGNON, Paul, A.** [US/US]; 77 Fisher Street, Uxbridge, MA 01569 (US). **JONES, Terrence, K.** [US/US]; 37 Summit Avenue, Sharon, MA 02067 (US). **COOKE, Douglas, A.** [US/US]; 35 High Street, Charlestown, MA 02129 (US).

(74) **KRIEGSMAN, Edward, M.** et al. / etc.; Kriegsman & Kriegsman, 883 Edgell Road, Framingham, MA 01701 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22646** (13) A1

(21) PCT/RU97/00237

(22) **25 Jul/juil 1997 (25.07.1997)**

(25) ru (26) ru

(31) 96121979 (32) **19 Nov/nov 1996 (19.11.1996)** (33) RU

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] D06F 7/04, 35/00

(54) WASHING AND DISINFECTING METHOD AND DEVICE FOR REALISING THE SAME
METHODE DE LAVAGE ET DE DESINFECTION DU LINGE ET DISPOSITIFS PREVUS A CET EFFET

(71) **KVACHIKIDZE, Shota Valikoevich** [RU/RU]; ul. I Khutorskaya, 5a–27, Moscow, 103287 (RU).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **LOTOTSKY, Artemy Evgenievich** [RU/RU]; per. Beskudnikovsky, 18–1–37, Moscow, 127474 (RU).

(74) **PATENT SERVICES CENTRE PATIS**; ul. Miklukho–Maklaya, 55a, Moscow, 117279 (RU).

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

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(11) **WO 98/22647** (13) A1

(21) PCT/ES97/00262

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) es (26) es

(31) U 9602924 (32) **18 Nov/nov 1996 (18.11.1996)** (33) ES

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] D06F 75/20, 75/38

(54) IMPROVED IRON SOLE
SEMELLE DE FER A REPASSER PERFECTIONNEE

(71) **OFICINA DE INVESTIGACION AGRUPADA, S.A.** [ES/ES]; Matxaria, 1–1º, E–20600 Eibar (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BASTIDA VILDOSOLA, Tomas** [ES/ES]; Maxtaria, 1–1º, E–20600 Eibar (ES).

(74) **CARPINTERO LOPEZ, Francisco**; Herrero & Asociados, S.L., Alcalá, 21, E–28014 Madrid (ES).

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

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(11) **WO 98/22648** (13) A2

(21) PCT/EP97/06370

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) de (26) de

(31) 196 47 368.3 (32) **15 Nov/nov 1996 (15.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] D06M

(54) COMPOSITE MATERIALS
MATERIAUX COMPOSITES

(71) **INSTITUT FÜR NEUE MATERIALIEN GEM. GMBH** [DE/DE]; Gebäude 43a, Im Stadtwald, D–66123 Saarbrücken (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHMIDT, Helmut** [DE/DE]; Im Königsfeld 29, D–66130 Saarbrücken (DE). **MENNIG, Martin** [DE/DE]; Mittelstrasse 5, D–66287 Quierschied (DE). **JONSCHKER, Gerhard** [DE/DE]; Grünewaldstrasse 12, D–66583 Spiesen–Elversberg (DE).

(74) **BARZ, Peter**; Kaiserplatz 2, D–80803 München (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22649** (13) A1

(21) PCT/US97/21297

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 08/755,055 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] D06P 1/38

(54) LIQUID ALKALI COMPOSITION, DYE BATH AND METHOD FOR IMPROVED REACTIVE DYEING
COMPOSITION LIQUIDE ALCALINE, BAIN DE TEINTURE ET PROCEDE D'AMELIORATION DE TEINTURE AVEC COLORANT REACTIF

(71) **SYBRON CHEMICALS, INC.** [US/US]; Birmingham Road, Birmingham, NJ 08011 (US).

(72) **BELLA, Otta**; Peniel Road, Route 2, Box 12A, Tryon, NC 28782 (US). **WICKER, Calvin, M., Jr.**; 734 Springdale Drive, Spartanburg, SC 29302 (US). **LOGIN, Robert, B.**; 116 Glenbriar Court, Simpsonville, SC 29681 (US).

(74) **NADEL, Alan, S.** et al. / etc.; Panitch Schwarze Jacobs & Nadel, P.C., One Commerce Square, 22nd floor, 2005 Market Street, Philadelphia, PA 19103–7086 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22650** (13) A1

(21) PCT/EP97/06192

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) de (26) de

(31) 196 47 431.0 (32) **15 Nov/nov 1996 (15.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] D06P 1/613, 1/62, 1/651, 1/653

(54) METHOD OF DYEING HYDROPHOBIC FIBRE MATERIALS WITH BIODEGRADABLE DYEING AUXILIARIES
PROCEDE POUR TEINTER DES MATERIAUX FIBREUX HYDROPHOBES AVEC DES AUXILIAIRES DE TEINTURE BIODEGRADABLES

(71) **DYSTAR TEXTILFARBEN GMBH & CO. DEUTSCHLAND KG** [DE/DE]; Eschenheimer Tor 2, D–60318 Frankfurt am Main (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BÜHLER, Ulrich** [DE/DE]; Kastanienweg 8, D–63755 Alzenau (DE). **KRUSE, Hubert** [DE/DE]; Hölderlinstrasse 12, D–61462 Königstein (DE). **KÜHN, Reinhard** [DE/DE]; Heinrich–Bleicher–Strasse 39, D–60433 Frankfurt (DE). **MARTINI, Thomas** [DE/DE]; Odenwaldstrasse 5, D–65779 Kelkheim (DE). **OPPITZ, Peter** [DE/DE]; Brunhildenweg 3, D–65779 Kelkheim (DE).

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

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(11) **WO 98/22651** (13) A1

(21) PCT/US97/08171

(22) **14 May/mai 1997 (14.05.1997)**

(25) en (26) en

(31) 08/755,230 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] D21F 1/00

(54) LAMINATED INDUSTRIAL CONVEYING FABRIC WITH SEAM AND METHOD
TOILE DE TRANSPORT INDUSTRIELLE STRATIFIEE AVEC SOUDURE, ET PROCEDE ASSOCIE

(71) **ASTEN, INC.** [US/US]; 4399 Corporate Road, P.O. Box 118001, Charleston, SC 29423 (US).

(72) **SNIPES, Lee, F.**; 3506 North West 114th Street, Vancouver, WA 98685 (US).

(74) **VOLPE, Anthony, S.** et al. / etc.; Volpe and Koenig, P.C., 400 One Penn Center, 1617 J.F.K. Boulevard, 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 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 YU; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22652** (13) A1

(21) PCT/FI97/00711

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 964651 (32) **21 Nov/nov 1996 (21.11.1996)** (33) FI

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] D21G 3/00

(54) METHOD AND APPARATUS FOR CLEANING A MOVING SURFACE
PROCEDE ET APPAREIL PERMETTANT DE NETTOYER UNE SURFACE MOBILE

(71) **METSÄ–SERLA OY** [FI/FI]; Fabianinkatu 8 A, FIN–00130 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HARJU, Matti** [FI/FI]; Karjalantie 7, FIN–35800 Mänttä (FI).

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

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

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(11) **WO 98/22653** (13) A1

(21) PCT/GB97/00675

(22) **11 Mar/mar 1997 (11.03.1997)**

(25) en (26) en

(31) 9624031.2 (32) **19 Nov/nov 1996 (19.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] D21H 17/28, 23/02

(54) MANUFACTURE OF PAPER
FABRICATION DU PAPIER

(71) **ALLIED COLLOIDS LIMITED** [GB/GB]; Low Moor, P.O. Box 38, Bradford, West Yorkshire BD12 0JZ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GREENWOOD, Graham** [GB/GB]; 50 Ribchester Road, Salesbury, Blackburn, Lancashire BB1 9HU (GB).

(74) **GILL JENNINGS & EVERY**; Broadgate House, 7 Eldon Street, London EC2M 7LH (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 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 YU; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22654** (13) A1

(21) PCT/FI97/00701

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 964662 (32) **22 Nov/nov 1996 (22.11.1996)** (33) FI

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] D21H 19/32, 19/62, B65D 65/38, 81/34 // D21H 27:10

(54) OVENABLE FOOD TRAY AND ITS MANUFACTURING METHOD
PLATEAU POUR ALIMENTS POUVANT ETRE MIS AU FOUR ET PROCEDE DE FABRICATION DE CE PLATEAU

(71) **ENSO OY** [FI/FI]; P.O. Box 25, FIN–48601 Karhula (FI). **OY ZEUS ULTRASTRUCTURES AB** [FI/FI]; Malmnäsintie 13/3, FIN–21600 Parainen (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ULFSTEDT, Jack, Owe, Lennart** [FI/FI]; Eerikinkatu 2 D 87, FIN–20110 Turku (FI). **KUKKO, Liisa, Marjatta** [FI/FI]; Malmnäsintie 13/3, FIN–21600 Parainen (FI). **PENTTINEN, Tapani** [FI/FI]; Lökörentie 31, FIN–49210 Huutjärvi (FI).

(74) **BERGGREN OY AB**; P.O. Box 16, FIN–00101 Helsinki (FI).

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

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(11) **WO 98/22655** (13) A1

(21) PCT/NL97/00613

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 1004595 (32) **22 Nov/nov 1996 (22.11.1996)** (33) NL

(31) 1005218 (32) **7 Feb/fév 1997 (07.02.1997)** (33) NL

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] D21H 23/64, 19/02, 19/82, 19/18, 23/66

(54) METHOD FOR MANUFACTURING A METALLIZED PAPER MATERIAL
PROCEDE DE FABRICATION D'UN MATERIAU DE PAPIER METALLISE

(71) **KONINKLIJKE EMBALLAGE INDUSTRIE VAN LEER N.V.** [NL/NL]; Amsterdamseweg 206, NL–1182 HA Amstelveen (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AINSCOUGH, Anthony, Norbert** [GB/GB]; 80 Grovers Field, Abercynon, Mountain Ash CF45 4PQ (GB).

(74) **DE BRUIJN, Leendert, C.**; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL–2502 LS The Hague (NL).

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

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(11) **WO 98/22656** (13) A1

(21) PCT/FI97/00700

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 964661 (32) **22 Nov/nov 1996 (22.11.1996)** (33) FI

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] D21H 27/10, 19/32, B65D 65/38 // D21H 19:16, 25:06

(54) METHODS FOR MANUFACTURING PACKAGING BOARD
PROCEDES DE FABRICATION DE CARTONS D'EMBALLAGE

(71) **ENSO OY** [FI/FI]; P.O. Box 25, FIN–48601 Karhula (FI). **OY ZEUS ULTRASTRUCTURES AB** [FI/FI]; Malmnäsintie 13/3, FIN–21600 Parainen (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ULFSTEDT, Jack, Owe, Lennart** [FI/FI]; Eerikinkatu 2 D 87, FIN–20110 Turku (FI). **KUKKO, Liisa, Marjatta** [FI/FI]; Malmnäsintie 13/3, FIN–21600 Parainen (FI). **PENTTINEN, Tapani** [FI/FI]; Lökörentie 31, FIN–49210 Huutjärvi (FI).

(74) **BERGGREN OY AB**; P.O. Box 16, FIN–00101 Helsinki (FI).

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

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(11) **WO 98/22657** (13) A2

(21) PCT/FR97/02067

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) fr (26) fr

(31) 96/13937 (32) **15 Nov/nov 1996 (15.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E01C 5/06

(54) CONCRETE PAVING OR THE LIKE, FOR PRODUCING A FLOOR COVERING BY RECIPROCAL INTERLOCKING OF ADJACENT PAVEMENTS
PAVE EN BETON OU ANALOGUE, POUR LA REALISATION D'UN REVETEMENT DE VOIE PAR EMBOITEMENT RECIPROQUE DE PAVES ADJACENTS

(71, 72) **HEKPAZO, Denis** [FR/BJ]; Carré 124, Quartier de la Patte d'Oie, Cotonou (BJ).

(74) **LAGET, Jean–Loup**; Cabinet Loyer, 78, avenue Raymond–Poincaré, F–75116 Paris (FR).

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

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(11) **WO 98/22658** (13) A1

(21) PCT/US97/21059

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/746,935 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E01F 13/00, E06B 3/48, 7/28, 7/00, 11/00, E06C 7/06, E05D 15/26

(54) RAPID ACCESS PORTAL
PORTIQUE D'ACCES RAPIDE

(71, 72) **RAPOR, INC.** [US/US]; 6 Briar Patch Lane, Danbury, CT 06811 (US).

(72) **KELLEM, Carl, W.**; 6 Briar Patch Lane, Danbury, CT 06811 (US). **PARKS, Donald**; 2325 Southwest Eleventh Street, Boynton Beach, FL 33426 (US). **RIEHM, George**; 2 Lloyd Avenue, New Fairfield, CT 06812 (US).

(74) **DeLIO, Anthony, P.** et al. / etc.; DeLio & Peterson, LLC, 121 Whitney Avenue, New Haven, CT 06510 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22659** (13) A1

(21) PCT/DE97/02454

(22) **23 Oct/oct 1997 (23.10.1997)**

(25) de (26) de

(31) 296 20 193.6 (32) **20 Nov/nov 1996 (20.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E02B 3/10, 7/00, 7/22

(54) MOBILE ANTI–FLOOD PROTECTION DEVICE
DISPOSITIF MOBILE DE PROTECTION CONTRE LES CRUES

(71, 72) **KRILL, Hans–Joachim** [DE/DE]; Mühlendorf 16, D–58809 Neuenrade (DE). **HERINGHAUS, Klaus** [DE/DE]; Erste Strasse 6, D–58809 Neuenrade (DE).

(74) **DÖRNER, Lothar**; Stresemannstrasse 15, D–58095 Hagen (DE).

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

Published / Publiée : *(c)*

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(11) **WO 98/22660** (13) A1

(21) PCT/US97/20895

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/752,694 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E02B 3/12

(54) REVETMENT BLOCK
BLOC DE REVETEMENT

(71) **KEYSTONE RETAINING WALL SYSTEMS, INC.** [US/US]; 4444 West 78th Street, Bloomington, MN 55435 (US).

(72) **KNIGHT, David, W.**; 830 Wilson Road, Humble, TX 77338 (US).

(74) **WILES, Terry, L.** et al. / etc.; Popovich & Wiles, P.A., Suite 1902, IDS Center, 80 South 8th Street, Minneapolis, MN 55402–2111 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(21) PCT/US97/20949

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/751,818 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E02B 3/12

(54) REVETMENT SYSTEM
SYSTEME DE REVETEMENT

(71) **KEYSTONE RETAINING WALL SYSTEMS, INC.** [US/US]; 4444 West 78th Street, Bloomington, MN 55435 (US).

(72) **KNIGHT, David, W.**; 830 Wilson Road, Humble, TX 77338 (US).

(74) **WILES, Terry, L.** et al. / etc.; Popovich & Wiles, P.A., IDS Center, Suite 1902, 80 South 8th Street, Minneapolis, MN 55402–2111 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22662** (13) A1

(21) PCT/EP97/06212

(22) **8 Nov/nov 1997 (08.11.1997)**

(25) de (26) de

(31) 296 19 891.9 (32) **15 Nov/nov 1996 (15.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E02B 8/02, 5/08, E03F 5/14, B01D 29/94, 33/327, 21/18, C02F 1/40

(54) SCREENING RAKE
GRILLE DE CRIBLAGE

(71) **ANDRITZ–PATENTVERWALTUNGS–GESELLSCHAFT M.B.H.** [AT/AT]; Stattegger Strasse 18, A–8045 Graz (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOHL, Jürgen** [DE/DE]; Forellenweg Nr. 17a, D–56235 Ransbach–Baumbach (DE).

(74) **SCHWEINZER, Friedrich**; Stattegger Strasse 18, A–8045 Graz (AT).

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

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(11) **WO 98/22663** (13) A1

(21) PCT/US97/07619

(22) **7 May/mai 1997 (07.05.1997)**

(25) en (26) en

(31) 08/749,361 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E02D 27/32

(54) FLOTATION SYSTEM FOR BUILDINGS
SYSTEME DE FLOTTATION POUR BATIMENTS

(71, 72) **CARLINSKY, Herman** [US/US]; 95 Eagle Chase, Woodbury, NY 11797 (US). **ACKLEY, Raymond** [US/US]; P.O. Box 49, Sugar Loaf, NY 10981 (US).

(74) **GUTTMAN, Charles** et al. / etc.; Meltzer, Lippe, Goldstein, Wolf & Schlissel, P.C., 190 Willis Avenue, Mineola, NY 11501 (US).

(81) AM AU BB BG BR BY CA CN CZ EE FI GE HU IS JP KG KP KR KZ LK LR LT MD MG MN MX NO NZ PL RO RU SG SI SK TJ TM TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22664** (13) A1

(21) PCT/SE96/01481

(22) **15 Nov/nov 1996 (15.11.1996)**

(25) sv (26) en

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E02F 9/28

(54) TOOTH ARRANGEMENT
MECANISME A DENTS

(71) **COMPONENTA WEAR PARTS AB** [SE/SE]; P.O. Box 205, S–681 24 Kristinehamn (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **QUARFORDT, Per, Ulf, Torgny** [SE/SE]; Knektåsvägen 21, S–691 53 Karlskoga (SE).

(74) **LAUTMANN, Kurt**; P.O. Box 245, S–691 25 Karlskoga (SE).

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

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(11) **WO 98/22665** (13) A1

(21) PCT/DE97/02681

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) de (26) de

(31) 196 47 351.9 (32) **15 Nov/nov 1996 (15.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E03B 3/02, A01G 9/00

(54) RAIN WATER COLLECTION SYSTEM AND THE USE OF A PERTAINING RAIN WATER DIVERTING DEVICE
SYSTEME COLLECTEUR POUR EAUX DE PLUIE ET UTILISATION D'UN DISPOSITIF ASSOCIE D'EVACUATION DES EAUX DE PLUIE

(71, 72) **HAFNER–JAPPE, Rudolf** [DE/DE]; Riesstrasse 21, D–53113 Bonn (DE). **HAFNER, Wolfram** [DE/DE]; Prinzenstrasse 3, D–30159 Hannover (DE).

(74) **LÄUFER, Martina** et al. / etc.; Gramm, Lins & Partner GbR, Theodor–Heuss–Strasse 1, D–38122 Braunschweig (DE).

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

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(11) **WO 98/22666** (13) A1

(21) PCT/BE97/00128

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 9600971 (32) **21 Nov/nov 1996 (21.11.1996)** (33) BE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E03D 1/14, 5/09

(54) WATER SAVING CISTERN FOR TOILETS
RESERVOIR ECONOMISEUR D'EAU POUR TOILETTES

(71) **ALERT II** [BE/BE]; Maretak 435, B–9250 Waasmunster (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KEERSMAEKERS, Paul** [BE/BE]; Maretak 435, B–9250 Waasmunster (BE). **LAUWERS, Dirk** [BE/BE]; Begijnenstraat 50, B–2000 Antwerpen (BE).

(74) **VOSSWINKEL, Philippe** et al. / etc.; Gevers Patents, Holidaystraat 5, B–1831 Diegem (BE).

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

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(11) **WO 98/22667** (13) A1

(21) PCT/IT97/00286

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) RM96A000794 (32) **20 Nov/nov 1996 (20.11.1996)** (33) IT

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E03D 9/052, A47K 13/30

(54) SUCTION DEVICE FOR DRAWING OFF THE AIR STAGNATING IN A TOILET BOWL
DISPOSITIF D'ASPIRATION EVACUANT L'AIR STAGNANT DANS UNE CUVETTE DE WC

(71, 72) **DONATI, Franco** [IT/IT]; L.go Olgiata, 15, I–00123 Roma (IT). **VOLTOLINI, Primo** [IT/IT]; Via Casotti, 9/E, I–25010 Brescia (IT).

(74) **MASSARI, Marcello**; Studio M. Massari, Via di Campo Marzio, 46, I–00186 Roma (IT).

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

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(11) **WO 98/22668** (13) A1

(21) PCT/GB97/03105

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 9623785.4 (32) **15 Nov/nov 1996 (15.11.1996)** (33) GB

(31) 9625540.1 (32) **9 Dec/déc 1996 (09.12.1996)** (33) GB

(31) 9701947.5 (32) **31 Jan/jan 1997 (31.01.1997)** (33) GB

(31) 9710858.3 (32) **28 May/mai 1997 (28.05.1997)** (33) GB

(31) 9717056.7 (32) **13 Aug/Août 1997 (13.08.1997)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E03D 9/08

(54) DOUCHE APPARATUS
DISPOSITIF DE DOUCHE

(71, 72) **HARTLEY, Brian** [GB/GB]; 12 Oakley Avenue, Brockwell, Chesterfield, Derbyshire, S40 4DS (GB). **HARTLEY, Eunice** [GB/GB]; 12 Oakley Avenue, Brockwell, Chesterfield, Derbyshire S40 4DS (GB).

(74) **SKINNER, Michael, Paul**; Swindell & Pearson, 48 Friar Gate, Derby DE1 1GY (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22669** (13) A1

(21) PCT/DE97/02621

(22) **8 Nov/nov 1997 (08.11.1997)**

(25) de (26) de

(31) 196 47 361.6 (32) **16 Nov/nov 1996 (16.11.1996)** (33) DE

(31) 197 04 165.5 (32) **5 Feb/fév 1997 (05.02.1997)** (33) DE

(31) 197 25 692.9 (32) **18 Jun/juin 1997 (18.06.1997)** (33) DE

(31) 197 29 230.5 (32) **9 Jul/juil 1997 (09.07.1997)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E03F 1/00

(54) GROUND SURFACE INTEGRATED WATER STORAGE, WATER CONDUCTING AND WATER TREATMENT SYSTEM WITH INTEGRATEABLE GROUND AND WATER PROTECTION
SYSTEME D'ACCUMULATION, DE GUIDAGE ET DE TRAITEMENT DE L'EAU INTEGRE A UN ELEMENT DE SURFACE DE SOL ET COMPORTANT UN DISPOSITIF DE PROTECTION DES EAUX ET DU SOL INTEGRABLE

(71, 72) **LINGEN, Paul** [DE/DE]; Grefrather Strasse 42, D–47669 Wachtendonk (DE).

(81) AU CA CZ IL JP KR MX NO PL US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22670** (13) A1

(21) PCT/FI97/00708

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) fi (26) en

(31) 964630 (32) **20 Nov/nov 1996 (20.11.1996)** (33) FI

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E04B 1/80 // E04C 2/34

(54) BRACING TRUSS FOR CONCRETE OR MASONED STRUCTURAL LAYERS AND METHOD FOR MANUFACTURING THE SAME
TREILLIS DE RENFORT POUR COUCHES STRUCTURELLES EN BETON OU MAÇONNEES, ET PROCEDE DE FABRICATION DE CE TREILLIS

(71, 72) **LAMMINMÄKI, Pauli** [FI/FI]; Yrttikatu 9 A, FIN–33710 Tampere (FI).

(74) **LEITZINGER OY**; Ruoholahdenkatu 8, FIN–00180 Helsinki (FI).

(81) CZ NO PL; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22671** (13) A1

(21) PCT/US97/14483

(22) **18 Aug/Août 1997 (18.08.1997)**

(25) en (26) en

(31) 08/754,853 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E04B 2/00

(54) CONCRETE FORMING SYSTEM WITH BRACE TIES
SYSTEME DE FORME POUR CIMENT AVEC DES DISPOSITIFS D'IMMOBILISATION

(71) **I.S.M., INC.** [US/US]; 13 South Pearl, Paola, KS 66071 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **VAUGHAN, Jamieson, R.** [US/US]; 1317 North 148th Plaza, Omaha, NE 68154 (US). **WILLIAMSON, Jay, D.** [US/US]; 1700 LeBaron Drive, Papillion, NE 68133 (US). **BLOM, Kenneth, M.** [US/US]; 6306 East 110th Street, Kansas City, MO 64134 (US).

(74) **YAKIMO, Michael, Jr.** et al. / etc.; Chase & Yakimo, Suite 130, 4400 College Boulevard, Overland Park, KS 66211 (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 US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22672** (13) A1

(21) PCT/US97/19927

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 08/752,213 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E04B 2/08, 2/18, 2/32, 2/46

(54) BASIC BUILDING BLOCKS FOR CONSTRUCTING COMPLEX BUILDING STRUCTURES
BRIQUES DE BASE POUR LA CONSTRUCTION DE STRUCTURES COMPLEXES

(71) **ROKENBOK TOY COMPANY** [US/US]; Suite 7, 119 Aberdeen, Cardiff, CA 92007 (US).

(72) **BARTON, William, M., Jr.**; 756 Val Sereno, Encinitas, CA 92024 (US). **POGUE, Lonnie**; 6665 Nancy Ridge Drive, San Diego, CA 92121 (US).

(74) **PARKHURST, David, G.** et al. / etc.; Fulwider Patton Lee & Utecht, LLP, 10th floor, 10877 Wilshire Boulevard, Los Angeles, CA 90024 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22673** (13) A1

(21) PCT/US96/18259

(22) **15 Nov/nov 1996 (15.11.1996)**

(25) en (26) en

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E04C 3/02

(54) IMPROVED STEEL FRAME SYSTEM AND MEMBER
CADRE ET ELEMENT AMELIORES DE CHARPENTE EN ACIER

(71) **STEEL FRAMING SUPPLY** [US/US]; 419 Robbie Place, Placentia, CA 92870 (US).

(72) **BUERS, George, P.**; 11842 Fredrick Drive, Garden Grove, CA 92640 (US).

(74) **SIMPSON, Andrew, H.**; Knobbe, Martens, Olson & Bear, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660 (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; AP (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22674** (13) A1

(21) PCT/FI97/00709

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) fi (26) en

(31) 964630 (32) **20 Nov/nov 1996 (20.11.1996)** (33) FI

(31) 972715 (32) **24 Jun/juin 1997 (24.06.1997)** (33) FI

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E04C 3/09, B21D 47/02

(54) METHOD FOR MANUFACTURING A LATTICE STRUCTURE
PROCEDE DE FABRICATION D'UNE STRUCTURE EN TREILLIS

(71) **LASERPLUS OY** [FI/FI]; Konepajankatu 16, FIN–11710 Riihimäki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAMMINMÄKI, Pauli** [FI/FI]; Yrttikatu 9 A, FIN–33710 Tampere (FI).

(74) **LEITZINGER OY**; Ruoholahdenkatu 8, FIN–00180 Helsinki (FI).

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

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(11) **WO 98/22675** (13) A1

(21) PCT/FR97/02108

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) fr (26) fr

(31) 96/14617 (32) **22 Nov/nov 1996 (22.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E04C 3/14

(54) RECONSTRUCTED WOODEN BEAM
POUTRE DE BOIS DE TYPE RECONSTITUE

(71, 72) **LAURENCOT, Marie–Thérèse** [FR/FR]; 32, rue de la Chapelle, F–25820 Laissey (FR). **Laurencot, Jean** [FR/FR]; 14B, rue la Gare, F–25720 Beure (FR).

(74) **RHEIN, Alain**; Cabinet Bleger–Rhein, 10, rue Contades, F–67300 Schiltigheim (FR).

(81) CA NO US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22676** (13) A1

(21) PCT/DE97/02578

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) de (26) de

(31) 196 47 528.7 (32) **16 Nov/nov 1996 (16.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E04D 1/34

(54) RETAINING CLAMP FOR A ROOF TILE
ETRIER DE RETENUE POUR UNE PANNE

(71, 72) **GEIB, Jörg** [DE/DE]; Berliner Strasse 24, D–55568 Staudernheim (DE).

(81) AL BG BY CA CZ EE HU IS JP LT LV MD NO PL RO RU SI SK UA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22677** (13) A1

(21) PCT/SE97/01781

(22) **24 Oct/oct 1997 (24.10.1997)**

(25) sv (26) en

(31) 9604229–6 (32) **18 Nov/nov 1996 (18.11.1996)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E04F 15/02, 15/14

(54) AN ARRANGEMENT FOR JOINTING TOGETHER ADJACENT PIECES OF FLOOR COVERING MATERIAL
AGENCEMENT PERMETTANT DE RENDRE JOINTIVES DEUX PIECES ADJACENTES DE REVETEMENT DE SOL

(71) **AB GOLVABIA** [SE/SE]; P.O. Box 43, S–334 21 Anderstorp (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANDERSSON, Kjell** [SE/SE]; Violvägen 1, S–334 33 Anderstorp (SE).

(74) **WALLENGREN, Yngvar**; Patentbyrån Wallengren AB, P.O. Box 116, S–331 21 Värnamo (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DE (Utility model / modèle d'utilité) 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22678** (13) A1

(21) PCT/SE97/01875

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 9604281–7 (32) **22 Nov/nov 1996 (22.11.1996)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E04F 15/14

(54) DILATATION MEANS
JOINTS DE DILATATION

(71) **PERSTORP FLOORING AB** [SE/SE]; Strandridaregatan 8, S–231 25 Trelleborg (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KORNFÄLT, Sven** [SE/SE]; Sallerupsvägen 18, S–212 18 Malmö (SE).

(74) **STENBERG, Yngve**; Perstorp AB, S–284 80 Perstorp (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22679** (13) A1

(21) PCT/DE97/02692

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) de (26) de

(31) 196 47 675.5 (32) **19 Nov/nov 1996 (19.11.1996)** (33) DE

(31) 196 49 548.2 (32) **29 Nov/nov 1996 (29.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E05B 47/00, 65/20, H02K 7/06, F16D 35/00

(54) DRIVE DEVICE FOR A MOTOR VEHICLE DOOR LOCK OR THE LIKE
DISPOSITIF D'ENTRAINEMENT POUR SERRURE DE PORTE DE VEHICULE AUTOMOBILE OU ANALOGUE

(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) **REICHMANN, Siegfried** [DE/DE]; Weidenweg 12, D–42929 Wermelskirchen (DE). **WOLF, Erwin** [DE/DE]; Ringstrasse 27, D–71352 Winnenden (DE).

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

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(11) **WO 98/22680** (13) A1

(21) PCT/NO97/00309

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 964956 (32) **21 Nov/nov 1996 (21.11.1996)** (33) NO

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E05D 7/04, 7/12

(54) DEVICE FOR A DOOR HINGE STRUCTURE
DISPOSITIF POUR STRUCTURE CHARNIERE DE PORTE

(71) **GRORUD INDUSTRIER A/S** [NO/NO]; Ø. Akervei 243, N–0976 Oslo (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRIIS, Bror** [SE/SE]; Linghult, S–310 21 Hishult (SE).

(74) **LANGFELDT, Jens, F., C.**; Bryns Patentkontor A/S, P.O. Box 765, Sentrum, N–0106 Oslo (NO).

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

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(11) **WO 98/22681** (13) A1

(21) PCT/DK97/00516

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) da (26) en

(31) 1316/96 (32) **19 Nov/nov 1996 (19.11.1996)** (33) DK

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E06B 1/32 // E04D 13/02

(54) A WINDOW HAVING AN IMPROVED WINDOW FRAME STRUCTURE
FENETRE DOTEE D'UN CADRE PERFECTIONNE

(71) **V. KANN RASMUSSEN INDUSTRI A/S** [DK/DK]; Tobaksvejen 10, DK–2860 Søborg (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LINDGREN, Claes** [DK/DK]; Lillevangsvej 37, DK–3520 Farum (DK).

(74) **CARLSSON, Eva** et al. / etc.; Internationalt Patent–Bureau, Høje Taastrup Boulevard 23, DK–2630 Taastrup (DK).

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

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(11) **WO 98/22682** (13) A1

(21) PCT/DK97/00517

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) da (26) en

(31) 1318/96 (32) **19 Nov/nov 1996** (33) DK **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E06B 1/32 // E04D 13/02

(54) A WINDOW HAVING AN IMPROVED SASH STRUCTURE
FENETRE DOTEE D'UN CHASSIS AMELIORE

(71) **V. KANN RASMUSSEN INDUSTRI A/S** [DK/DK]; Tobaksvejen 10, DK–2860 Søborg (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LINDGREN, Claes** [DK/DK]; Lillevangsvej 37, DK–3520 Farum (DK).

(74) **CARLSSON, Eva** et al. / etc.; Internationalt Patent–Bureau, Høje Boulevard 23, DK–2630 Taastrup (DK).

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

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(11) **WO 98/22683** (13) A1

(21) PCT/DK97/00519

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) da (26) en

(31) 1319/96 (32) **19 Nov/nov 1996** (33) DK **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E06B 1/32

(54) A WINDOW WITH A REDUCED RISK OF CONDENSATION
FENETRE PRESENTANT UN RISQUE LIMITE DE CONDENSATION

(71) **V. KANN RASMUSSEN INDUSTRI A/S** [DK/DK]; Tobaksvejen 10, DK–2860 Søborg (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DYRBY, Erik, Bjørn** [DK/DK]; Engtoftevej 24, DK–3520 Farum (DK). **KORNERUP, Klaus** [DK/DK]; Lyngholmen 8, DK–2460 Birkerød (DK).

(74) **CARLSSON, Eva** et al. / etc.; Internationalt Patent–Bureau, Høje Taastrup Boulevard 23, DK–2630 Taastrup (DK).

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

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(11) **WO 98/22684** (13) A1

(21) PCT/DK97/00520

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) da (26) en

(31) 1320/96 (32) **19 Nov/nov 1996** (33) DK **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E06B 1/32 // 3/38, E04D 13/02

(54) A WINDOW, IN PARTICULAR FOR MOUNTING IN AN INCLINED ROOF SURFACE
FENETRE DESTINEE NOTAMMENT A ETRE MONTEE DANS UNE SURFACE DE TOIT INCLINEE

(71) **V. KANN RASMUSSEN INDUSTRI A/S** [DK/DK]; Tobaksvejen 10, DK–2860 Søborg (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHRISTENSEN, Jan, Vilhelm** [DK/DK]; Søvejen 33, Vestbirk, DK–8752 Østbirk (DK).

(74) **CARLSSON, Eva** et al. / etc.; Internationalt Patent–Bureau, Høje Taastrup Boulevard 23, DK–2630 Taastrup (DK).

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

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(11) **WO 98/22685** (13) A1

(21) PCT/DK97/00514

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) da (26) en

(31) 1317/96 (32) **19 Nov/nov 1996** (33) DK **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E06B 1/34 // 3/38, E04D 13/02

(54) A TOP–HUNG WINDOW
FENETRE A CHASSIS SUSPENDU PAR LE DESSUS

(71) **V. KANN RASMUSSEN INDUSTRI A/S** [DK/DK]; 10 Tobaksvejen, DK–2860 Søborg (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LINDGREN, Claes** [DK/DK]; 37 Lillevangsvej, DK–3520 Farum (DK).

(74) **CARLSSON, Eva** et al. / etc.; Internationalt Patent–Bureau, 23 Høje Taastrup Boulevard, DK–2630 Taastrup (DK).

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

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(11) **WO 98/22686** (13) A1

(21) PCT/DK97/00515

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) da (26) en

(31) 1315/96 (32) **19 Nov/nov 1996** (33) DK **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E06B 1/34 // 3/38, E04D 13/02

(54) A WINDOW HAVING A WINDOW FRAME
FENETRE DOTEE D'UN CADRE DE FENETRE

(71) **V. KANN RASMUSSEN INDUSTRI A/S** [DK/DK]; Tobaksvejen 10, DK–2860 Søborg (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LINDGREN, Claes** [DK/DK]; Lillevangsvej 37, DK–3520 Farum (DK).

(74) **CARLSSON, Eva** et al. / etc.; Internationalt Patent–Bureau, Høje Taastrup Boulevard 23, DK–2630 Taastrup (DK).

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

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(11) **WO 98/22687** (13) A1

(21) PCT/CA97/00885

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/751,736 (32) **18 Nov/nov 1996** (33) US **(18.11.1996)**

(31) 60/049,819 (32) **11 Jun/juin 1997** (33) US **(11.06.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E06B 3/673

(54) APPARATUS FOR THE AUTOMATED APPLICATION OF SPACER MATERIAL AND METHOD OF USING SAME
APPAREIL DESTINE A L'APPLICATION AUTOMATIQUE DE MATERIAU D'ESPACEMENT ET PROCEDE D'UTILISATION ASSOCIE

(63) US 08/449,744 (CON)
25 May/mai 1995 (25.05.1995)

(71, 72) **LAFOND, Luc** [CA/CA]; 23 Woodvalley Drive, Etobicoke, Ontario M9A 4H4 (CA).

(74) **FINCHAM, Ian** et al. / etc.; Suite 606, 225 Metcalfe Street, Ottawa, Ontario K2P 1P9 (CA).

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

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(11) **WO 98/22688** (13) A1

(21) PCT/FR97/02044

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) fr (26) fr

(31) 96/14115 (32) **15 Nov/nov 1996 (15.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E06B 7/086

(54) CONTROL DEVICE FOR BLINDS WITH ASSISTED FORCE
DISPOSITIF DE MANOEUVRE DE JALOUSIES A EFFORT ASSISTE

(71, 72) **LUTZ, Roland** [FR/FR]; 35, rue Lafayette, F–68100 Mulhouse (FR).

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

(81) AU BB BR CA CN CU DE ES GB ID IL JP LC LK MX NZ PT SG TR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22689** (13) A2

(21) PCT/GB97/03104

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 08/752,359 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E21B 7/06

(54) WHIPSTOCK
SIFFLET DEVIATEUR

(71) **WEATHERFORD/LAMB, INC.** [US/US]; c/o CSC – The United States Corporation Company, 1013 Centre Road, Wilmington, DE 19805 (US). **LUCAS, Brian, Ronald** [GB/GB]; 135 Westhall Road, Warlingham, Surrey CR6 9HJ (GB).

(72) **CARTER, Thurman, B.**; 2316 Green Tee Drive, Pearland, TX 77581 (US). **JOHANTGES, Paul, Jeffrey**; 1802 Wynridge, Deepark, TX 77536 (US). **PLEASANTS, Charles, W.**; 20711 Maple Village Drive, Cypress, TX 77429 (US).

(74) **LUCAS, Brian, Ronald**; 135 Westhall Road, Warlingham, Surrey CR6 9HJ (GB).

(81) AU CA CN JP NO; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22690** (13) A1

(21) PCT/EP97/06671

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 96203272.8 (32) **22 Nov/nov 1996 (22.11.1996)** (33) EP

(34) GB et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E21B 17/08, 43/10, 43/08, F16L 13/14

(54) CONNECTOR FOR AN EXPANDABLE TUBING STRING
RACCORD POUR COLONNE DE TUBAGE EXTENSIBLE

(71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL–2596 HR The Hague (NL).
(for all designated States except / pour tous les États désignés sauf CA)

(71) **SHELL CANADA LIMITED** [CA/CA]; 400 – 4th Avenue, S.W., Calgary, Alberta T2P 2H5 (CA).
(only for / seulement pour CA)

(72) **LOHBECK, Wilhelmus, Christianus, Maria**; Volmerlaan 6, NL–2288 GD Rijswijk (NL).

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

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(11) **WO 98/22691** (13) A1

(21) PCT/IB97/01290

(22) **20 Oct/oct 1997 (20.10.1997)**

(25) en (26) en

(31) BO96A000591 (32) **19 Nov/nov 1996 (19.11.1996)** (33) IT

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E21B 17/10, 33/122

(54) SYSTEM TO LOWER THE DEPTH EQUIPMENT IN HYDROCARBONS WELLS
SYSTEME PERMETTANT DE DESCENDRE LES EQUIPEMENTS DE FOND DANS DES PUITS D'EXTRACTION D'HYDROCARBURES

(71, 72) **TOVAR DE PABLOS, Juan, José** [IT/GB]; 7 rue Islaw Terrace, Aberdeen AV10 1XE (GB).

(74) **TROMBETTI, Gioia**; Via Portazza, 8, I–40139 Bologna (IT).

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

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(11) **WO 98/22692** (13) A1

(21) PCT/US97/21234

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/753,158 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E21B 43/12

(54) WIRELINE/COILED TUBING RETRIEVABLE WELL PUMP
POMPE DE PUITS RECUPERABLE A TUBE EN SPIRALE/CABLE ELECTRIQUE

(71) **BAKER HUGHES INCORPORATED** [US/US]; Suite 1200, 3900 Essex Lane, Houston, TX 77027 (US).

(72) **TETZLAFF, Steven, K.**; 6762 Warner Avenue #W–2, Huntington Beach, CA 92642 (US). **COZZENS, Kent, H.**; 10416 Jamestown Street, Ventura, CA 93004 (US).

(74) **ROWOLD, Carl, A.** et al. / etc.; Baker Hughes Incorporated, Suite 1200, 3900 Essex Lane, Houston, TX 77027 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22693** (13) A1

(21) PCT/FR97/02075

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) fr (26) fr

(31) 96/14248 (32) **18 Nov/nov 1996 (18.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E21B 44/00

(54) DRILLING DEVICE
DISPOSITIF DE FORAGE

(71) **ETABLISSEMENTS MONTABERT** [FR/FR]; 203, route de Grenoble, F–69800 Saint Priest (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CADET, Bernard** [FR/FR]; 100, grande rue de Saint Clair, F–69300 Caluire (FR).

(74) **CABINET GERMAIN ET MAUREAU**; Boîte postale 6153, F–69466 Lyon Cedex 6 (FR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22694** (13) A1

(21) PCT/JP97/01473

(22) **28 Apr/avr 1997 (28.04.1997)**

(25) ja (26) ja

(31) 8/306826 (32) **18 Nov/nov 1996 (18.11.1996)** (33) JP

(31) 8/306827 (32) **18 Nov/nov 1996 (18.11.1996)** (33) JP

(31) 9/20793 (32) **3 Feb/fév 1997 (03.02.1997)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E21D 11/04, 11/08, B21K 1/76

(54) JOINTING CONSTRUCTION
DISPOSITIF D'ASSEMBLAGE

(71) **OBAYASHI CORPORATION** [JP/JP]; 4–33, Kitahamahigashi, Chuo–ku, Osaka–shi, Osaka 541 (JP). **ISHIKAWAJIMA CONSTRUCTION MATERIALS CO., LTD.** [JP/JP]; 12–1, Yurakucho 1–chome, Chiyoda–ku, Tokyo 100 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAUCHI, Eiji** [JP/JP]; Obayashi Corporation, Head Office, 3, Kandatsukasa–cho 2–chome, Chiyoda–ku, Tokyo 101 (JP). **NAKANO, Akihiko** [JP/JP]; Obayashi Corporation, Head Office, 3, Kandatsukasa–cho 2–chome, Chiyoda–ku, Tokyo 101 (JP). **MATSUBARA, Kenta** [JP/JP]; Obayashi Corporation, Head Office, 3, Kandatsukasa–cho 2–chome, Chiyoda–ku, Tokyo 101 (JP). **SOMEYA, Hiroki** [JP/JP]; Ishikawajima Construction Materials Co., Ltd., 12–1, Yurakucho 1–chome, Chiyoda–ku, Tokyo 100 (JP). **NISHIMURA, Shuuichi** [JP/JP]; Ishikawajima Construction Materials Co., Ltd., 12–1, Yurakucho 1–chome, Chiyoda–ku, Tokyo 100 (JP). **OKAYAMA, Susumu** [JP/JP]; Ishikawajima Construction Materials Co., Ltd., 12–1, Yurakucho 1–chome, Chiyoda–ku, Tokyo 100 (JP). **KOBAYASHI, Toshio** [JP/JP]; Kobayashi Industrial Co., Ltd., 1040–4, Hoshiyama, Fujinomiya–shi, Shizuoka 418 (JP).

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

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

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(11) **WO 98/22695** (13) A1

(21) PCT/DE97/02656

(22) **8 Nov/nov 1997 (08.11.1997)**

(25) de (26) de

(31) 196 47 943.6 (32) **20 Nov/nov 1996** (33) DE **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] E21D 15/44

(54) HYDRAULIC DOUBLE TELESCOPIC PROP
ETANÇON TELESCOPIQUE DOUBLE HYDRAULIQUE

(71) **DBT DEUTSCHE BERGBAUTECHNIK GMBH** [DE/DE]; Industriestrasse 1, D–44534 Lünen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DANNEHL, Friedrich, Wilhelm** [DE/DE]; Burgweg 34, D–58119 Hagen (DE). **REINELT, Werner** [DE/DE]; Am Hang 3, D–44797 Bochum (DE).

(74) **HENNICKE, Rüdiger**; Buschhoff, Hennicke, Vollbach, Postfach 19 04 08, D–50501 Köln (DE).

(81) AU CN PL US.

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(11) **WO 98/22696** (13) A1

(21) PCT/IB97/01464

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) es (26) es

(31) BL96A000017 (32) **22 Nov/nov 1996** (33) IT **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F01B 13/02, F01C 1/02, 1/04, 1/344, 1/356, 17/04

(54) A TYPE OF ROTARY PISTON MACHINES
UN TYPE DE MACHINES A PISTONS ROTATIFS

(71) **SANCHEZ, Santiago** [ES/AR]; Calle Arana y Goyri, 4643, 7600 Mar del Plata, Provincia de Buenos Aires (AR).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **DE COL, Enzo** [IT/AR]; Calle Arana y Goyri, 4643, 7600 Mar del Plata, Provincia de Buenos Aires (AR). **DE COL, Renato** [IT/AR]; Calle Arana y Goyri, 4643, 7600 Mar del Plata, Provincia de Buenos Aires (AR).

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

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(11) **WO 98/22697** (13) A1

(21) PCT/PL97/00026

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) P.315830 (32) **18 Nov/nov 1996** (33) PL **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F01C 1/063

(54) THE INTERNAL COMBUSTION WING ENGINE
MOTEUR A AILES ET A COMBUSTION INTERNE

(71, 72) **TRASKOWSKI, Andrzej** [PL/PL]; ul. Strzybnego 8/12, PL–41–506 Chorzów (PL).

(74) **KLASSEK, Maciej, Adam**; ul. Sowinskeigo 1/44, PL–40–272 Katowice (PL).

(81) AL AU BA BB BG BR BY CA CN CU CZ EE ES GE HU IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22698** (13) A1

(21) PCT/IT97/00290

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) RM96A000802 (32) **22 Nov/nov 1996** (33) IT **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F01C 1/34, 11/00

(54) ROTARY MACHINE WITH TWO SETS OF WORKING CHAMBERS
MACHINE TOURNANTE A DEUX ENSEMBLES DE CHAMBRES DE TRAVAIL

(71, 72) **MURRI, Romano** [IT/IT]; Via Auriga, 11, I–00060 Castelnuovo di Porto (IT).

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

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(11) **WO 98/22699** (13) A1

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(22) **10 Jul/juil 1997 (10.07.1997)**

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(31) 196 48 141.4 (32) **21 Nov/nov 1996** (33) DE **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F01L 13/00

(54) TAPPET FOR A VALVE GEAR OF AN INTERNAL COMBUSTION ENGINE
POUSSOIR POUR MECANISME DE DISTRIBUTION D'UN MOTEUR A COMBUSTION INTERNE

(71) **INA WÄLZLAGER SCHAEFFLER OHG** [DE/DE]; D–91072 Herzogenaurach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAAS, Michael** [DE/DE]; Karlsbader Strasse 2, D–91085 Weisendorf (DE). **MAAS, Gerhard** [DE/DE]; Stegerstrasse 13a, D–91074 Herzogenaurach (DE). **SCHNELL, Oliver** [DE/DE]; Am Alten Sportplatz 44, D–91085 Weisendorf (DE).

(74) **INA WÄLZLAGER SCHAEFFLER OHG**; D–91072 Herzogenaurach (DE).

(81) CN DE JP KR US.

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(11) **WO 98/22700** (13) A2

(21) PCT/EP97/06441

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) de (26) de

(31) 196 47 568.6 (32) **18 Nov/nov 1996** (33) DE **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F01N

(54) ACTIVE EXHAUST SILENCER
AMORTISSEUR ACTIF DE BRUIT

(71) **LEISTRITZ AG & CO. ABGASTECHNIK** [DE/DE]; Herbolshofer Strasse 35, D–90765 Fürth (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEHRINGER, Frank, Jürgen** [DE/DE]; Zur Schleifmühle 1, D–96129 Wernsdorf (DE).

(74) **TERGAU, Enno** et al. / etc.; Mögeldorfer Hauptstrasse 51, D–90482 Nürnberg (DE).

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

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(11) **WO 98/22701** (13) A1

(21) PCT/GB97/03096

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 9623995.9 (32) **19 Nov/nov 1996** (33) GB **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F02B 17/00, F02M 35/108

(54) INTAKE SYSTEM FOR A STRATIFIED CHARGE ENGINE
SYSTEME D'ADMISSION D'UN MOTEUR A CHARGE STRATIFIEE

(71) **FORD GLOBAL TECHNOLOGIES, INC.** [US/US]; Suite 911, Parklane Towers East, Parkland Boulevard, Dearborn, MI 48136 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MA, Thomas, Tsoi, Hei** [GB/GB]; 1 Collingwood Road, South Woodham Ferrers, Chelmsford, Essex CM3 5BY (GB).

(74) **MESSULAM, Alec, Moses**; A. Messulam & Co., 24 Broadway, Leigh on Sea, Essex SS9 1BN (GB).

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

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(11) **WO 98/22702** (13) A1

(21) PCT/KR97/00226

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 1996/56978 (32) **20 Nov/nov 1996 (20.11.1996)** (33) KR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F02B 23/02

(54) COMPLETE COMBUSTION MECHANISM FOR DIESEL ENGINE
MOTEUR DIESEL A MECANISME A COMBUSTION STOECHIOMETRIQUE

(71, 72) **YEO, Hun** [KR/KR]; 672–6, Manchon 1–dong, Susung–gu, Taegu 706–021 (KR).

(74) **CHO, Jeong, Hwan**; 1251, Bisan 7–dong, Seo–gu, Taegu 703–047 (KR).

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

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(11) **WO 98/22703** (13) A1

(21) PCT/SE97/01916

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) sv (26) en

(31) 9604236–1 (32) **15 Nov/nov 1996 (15.11.1996)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F02B 33/04

(54) INTERNAL COMBUSTION ENGINE
MOTEUR A COMBUSTION INTERNE

(71) **AKTIEBOLAGET ELECTROLUX** [SE/SE]; S–105 45 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANDREASSON, Bo** [SE/SE]; Enskiftegatan 4, S–442 53 Ytterby (SE). **EKDAHL, Roy** [SE/SE]; Tranbärsvägen 65, S–448 37 Floda (SE). **STRÖM, Hans** [SE/SE]; Bräcke 14003, S–442 60 Kode (SE). **SVENSSON, Ulf** [SE/SE]; Öxerydsvägen 2, S–443 94 Lerum (SE).

(74) **ANDERSSON, Lars** et al. / etc.; AB Electrolux, Husqvarna AB, S–433 81 Jonsered (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 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22704** (13) A1

(21) PCT/US97/18770

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) 08/751,291 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F02D 41/00

(54) FUEL CONTROL METHOD AND SYSTEM WITH ON–LINE LEARNING OF OPEN–LOOP FUEL COMPENSATION PARAMETERS
PROCEDE ET DISPOSITIF DE COMMANDE DE CARBURANT AVEC APPRENTISSAGE EN LIGNE DE PARAMETRES DE COMPENSATION DE CARBURANT EN CIRCUIT OUVERT

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **BUSH, Kevin, J.**; 121 Baseline Road, Northville, MI 48167 (US). **SCHUMACHER, Darren, A.**; 7539 Doral Drive, Ypsilanti, MI 48197 (US). **CHURCH, Bruce, A.**; 1331 Mayburn Avenue, Dearborn, MI 48128 (US).

(74) **HOPMAN, Nicholas, C.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

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

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(11) **WO 98/22705** (13) A1

(21) PCT/JP97/04222

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) ja (26) ja

(31) 8/311950 (32) **22 Nov/nov 1996 (22.11.1996)** (33) JP

(31) 8/313947 (32) **25 Nov/nov 1996 (25.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F02M 35/024, 35/10

(54) INTAKE DEVICE OF INTERNAL COMBUSTION ENGINE
DISPOSITIF D'ADMISSION D'UN MOTEUR A COMBUSTION INTERNE

(71) **DENSO CORPORATION** [JP/JP]; 1–1, Showa–cho, Kariya–city, Aichi–Pref. 448 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMAGUCHI, Akihide** [JP/JP]; Denso Corporation, 1–1, Showa–cho, Kariya–city, Aichi–Pref. 448 (JP). **NOMURA, Yurio** [JP/JP]; Denso Corporation, 1–1, Showa–cho, Kariya–city, Aichi–Pref. 448 (JP). **MIKAMI, Syuya** [JP/JP]; Denso Corporation, 1–1, Showa–cho, Kariya–city, Aichi–Pref. 448 (JP). **KAMEDA, Yasutoshi** [JP/JP]; Denso Corporation, 1–1, Showa–cho, Kariya–city, Aichi–Pref. 448 (JP). **NAKAYAMA, Toshiaki** [JP/JP]; Denso Corporation, 1–1, Showa–cho, Kariya–city, Aichi–Pref. 448 (JP). **YAMAMOTO, Takao** [JP/JP]; Denso Corporation, 1–1, Showa–cho, Kariya–city, Aichi–Pref. 448 (JP).

(74) **USUI, Hirohiko**; Denso Corporation, 1–1, Showa–cho, Kariya–city, Aichi–Pref. 448 (JP).

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

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(11) **WO 98/22706** (13) A1

(21) PCT/DE97/01915

(22) **2 Sep/sep 1997 (02.09.1997)**

(25) de (26) de

(31) 196 47 586.4 (32) **18 Nov/nov 1996 (18.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F02M 51/00, 69/46, 69/08

(54) DISTRIBUTOR DEVICE FOR FUEL INJECTION SYSTEMS
DISPOSITIF DISTRIBUTEUR POUR SYSTEMES 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) **BODENHAUSEN, Eckhard** [DE/DE]; Silcherstrasse 4/3, D–71711 Steinheim (DE). **GREGORIUS, Thomas** [DE/DE]; Wendenstrasse 23, D–71723 Großbottwar (DE).

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

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(11) **WO 98/22707** (13) A1

(21) PCT/DE97/02150

(22) **23 Sep/sep 1997 (23.09.1997)**

(25) de (26) de

(31) 196 47 587.2 (32) **18 Nov/nov 1996 (18.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F02M 61/16

(54) FUEL INJECTION VALVE
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) **REITER, Ferdinand** [DE/DE]; Burgweg 1, D–71706 Markgröningen (DE).

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

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(11) **WO 98/22708** (13) A1

(21) PCT/SE97/01930

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) sv (26) en

(31) 9604232–0 (32) **18 Nov/nov 1996 (18.11.1996)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F02P 3/00, 5/145

(54) ARRANGEMENT AND PROCESS FOR COMMUNICATION BETWEEN AN IGNITION MODULE AND CONTROL UNIT IN A COMBUSTION ENGINE'S IGNITION SYSTEM
DISPOSITIF ET PROCEDE POUR FAIRE COMMUNIQUER UN MODULE D'ALLUMAGE ET UNE UNITE DE COMMANDE DANS UN SYSTEME D'ALLUMAGE POUR MOTEURS A COMBUSTION

(71) **MECEL AB** [SE/SE]; P.O. Box 73, S–662 22 Åmål (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GÖRAS, Anders** [SE/SE]; Årjängsgatan 23, S–662 30 Åmål (SE). **NYTOMT, Jan** [SE/SE]; PL 1658, S–662 01 Åmål (SE).

(74) **FURHEM, Hans**; Mecel AB, P.O. Box 73, S–662 22 Åmål (SE).

(81) DE US.

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(11) **WO 98/22709** (13) A1

(21) PCT/SE97/01929

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) sv (26) en

(31) 9604245–2 (32) **18 Nov/nov 1996** (33) SE **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F02P 17/00, F02D 41/14

(54) ARRANGEMENTS AND PROCEDURE FOR IONISATION DETECTION WITHIN MULTI–CYLINDER COMBUSTION ENGINES
MONTAGES ET PROCEDE DE DETECTION D'IONISATION DANS DES MOTEURS A COMBUSTION MULTICYLINDRE

(71) **MECEL AB** [SE/SE]; P.O. Box 73, S–662 22 Åmål (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NYTOMT, Jan** [SE/SE]; Pl 1658, S–662 01 Åmål (SE).

(74) **FURHEM, Hans**; Mecel AB, P.O. Box 73, S–662 22 Åmål (SE).

(81) DE US.

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(11) **WO 98/22710** (13) A1

(21) PCT/YU97/00006

(22) **20 Jun/juin 1997 (20.06.1997)**

(25) en (26) en

(31) P–623/96 (32) **22 Nov/nov 1996** (33) YU **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F03B 17/04

(54) BUOYANCY ENGINE
APPAREIL DE FLOTTABILITE

(71, 72) **VUKOSAVLJEVIC, Velizar** [YU/YU]; Požeška 68, YU–13000 Beograd (YU).

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

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(11) **WO 98/22711** (13) A1

(21) PCT/DK97/00529

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) da (26) en

(31) 1311/96 (32) **18 Nov/nov 1996** (33) DK **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F03D 1/06, 7/02, 11/00

(54) THE USE OF A TURBULATOR FOR DAMPING STALL VIBRATIONS IN THE BLADES OF A WIND TURBINE
UTILISATION D'UN DISPOSITIF PROVOQUANT DES TURBULENCES POUR AMORTIR LES VIBRATIONS DE DECROCHAGE DES PALES D'UNE EOLIENNE

(71) **LM GLASFIBER A/S** [DK/DK]; Rolles Møllevej 1, DK–6640 Lunderskov (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STIESDAL, Henrik** [DK/DK]; Nørrevoldgade 45, DK–5000 Odense C (DK). **VINTHER, Søren** [DK/DK]; Snerlens Kvarter 2, DK–7400 Herning (DK).

(74) **CHAS. HUDE A/S**; H.C. Andersens Boulevard 33, DK–1553 Copenhagen V (DK).

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

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(11) **WO 98/22712** (13) A1

(21) PCT/EP97/05734

(22) **17 Oct/oct 1997 (17.10.1997)**

(25) en (26) en

(31) PN96U000046 (32) **19 Nov/nov 1996** (33) IT **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F04B 39/00

(54) IMPROVEMENT IN THE HEAD AND SILENCER OF A REFRIGERATION COMPRESSOR
AMELIORATIONS DANS LA TETE ET L'ATTENUATEUR ACOUSTIQUE D'UN COMPRESSEUR FRIGORIFIQUE

(71) **ZANUSSI ELETTROMECCANICA S.P.A.** [IT/IT]; Via Giardini Cattaneo, 3, I–33170 Pordenone (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RIGO, Massimo** [IT/IT]; Via A. Gemelli, 12, I–33170 Pordenone (IT).

(74) **GIUGNI, Valter** et al. / etc.; PROPRIA Protezione Proprietà Industriale S.r.l., Via Mazzini, 13, I–33170 Pordenone (IT).

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

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(11) **WO 98/22713** (13) A1

(21) PCT/EP97/06354

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) de (26) de

(31) 196 47 882.0 (32) **20 Nov/nov 1996** (33) DE **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F04B 43/00

(54) MEMBRANE PUMP
POMPE A MEMBRANE

(71) **KNF NEUBERGER GMBH** [DE/DE]; Alter Weg 3, D–79112 Freiburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RIEDLINGER, Heinz** [DE/DE]; Strassburger Strasse 56, D–28211 Bremen (DE).

(74) **SCHMITT, Hans** et al. / etc.; Dreikönigstrasse 13, D–79102 Freiburg (DE).

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

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(11) **WO 98/22714** (13) A1

(21) PCT/RU97/00352

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) ru (26) ru

(31) 96122196 (32) **19 Nov/nov 1996** (33) RU **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F04F 5/02

(54) VACUUM LIQUID–GAS JET APPARATUS
APPAREIL A VIDE A JET DE LIQUIDES / DE GAZ

(71, 72) **POPOV, Sergei Anatolievich** [RU/HU]; ul. Korolevy Marii, 54, H–Budapest XXI (HU).

(72, 75) **AKIMOV, Mikhail Vitalievich** [RU/RU]; ul. 11 Parkovaya, 9/35–179, Moscow, 105554 (RU).

(74) **KAZANTSEV, Vladimir Sergeevich**; ul. Stromynka, 19–1–24, Moscow, 107076 (RU).

(81) HU US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22715** (13) A2

(21) PCT/EP97/05757

(22) **18 Oct/oct 1997 (18.10.1997)**

(25) de (26) de

(31) 196 47 506.6 (32) **16 Nov/nov 1996** (33) DE **(16.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F15B , F16J 7/00

(54) PISTON ROD FOR AN ADJUSTING PISTON OF AN ACTUATOR
TIGE DE PISTON POUR PISTON DE REGULATION D'UN REDUCTEUR DE POSITIONNEMENT

(71) **LINGK & STURZEBECHER LEICHTBAU GMBH** [DE/DE]; Werner–von–Siemens–Strasse 1, D–28816 Stuhr (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MÜLLER, Carsten, Heinrich** [DE/DE]; Meisenkamp 6, D–28816 Stuhr (DE).

(74) **HONKE, Manfred** et al. / etc.; Postfach 10 02 54, D–45002 Essen (DE).

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

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(11) **WO 98/22716** (13) A1

(21) PCT/JP97/04153

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) ja (26) ja

(31) 8/304742 (32) **15 Nov/nov 1996** (33) JP **(15.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F15B 11/00

(54) HYDRAULIC DRIVE APPARATUS
DISPOSITIF D'ENTRAINEMENT HYDRAULIQUE

(71) **HITACHI CONSTRUCTION MACHINERY CO., LTD.** [JP/JP]; 6–2, Ohtemachi 2–chome, Chiyoda–ku, Tokyo 100 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TSURUGA, Yasutaka** [JP/JP]; F304, 1–10, Kubodai 4–chome, Ryugasaki–shi, Ibaraki 301 (JP). **KANAI, Takashi** [JP/JP]; 1325–21, Hananoi, Kashiwa–shi, Chiba 277 (JP). **KAWAMOTO, Junya** [JP/JP]; Shiho–ryo 302, 20–29, Kandatsuchuo 2–chome, Tsuchiura–shi, Ibaraki 300 (JP).

(74) **KASUGA, Yuzuru**; 7F., Kyodo Building–Shinkodenmacho, 1–3, Nihonbashi–Kodenmacho, Chuo–ku, Tokyo 103 (JP).

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

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(11) **WO 98/22717** (13) A1

(21) PCT/JP97/04154

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) ja (26) ja

(31) 8/310850 (32) **21 Nov/nov 1996 (21.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F15B 11/00

(54) HYDRAULIC DRIVE APPARATUS
DISPOSITIF D'ENTRAINEMENT HYDRAULIQUE

(71) **HITACHI CONSTRUCTION MACHINERY CO., LTD.** [JP/JP]; 6–2, Ohtemachi 2–chome, Chiyoda–ku, Tokyo 100 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TSURUGA, Yasutaka** [JP/JP]; F304, 1–10, Kubodai 4–chome, Ryugasaki–shi, Ibaraki 301 (JP). **KANAI, Takashi** [JP/JP]; 1325–21, Hananoi, Kashiwa–shi, Chiba 277 (JP). **KAWAMOTO, Junya** [JP/JP]; Shiho–ryo 302, 20–29, Kandatsuchuo 2–chome, Tsuchiura–shi, Ibaraki 300 (JP).

(74) **KASUGA, Yuzuru**; Kyodo Building–Shinkodenmacho, 7th floor, 1–3, Nihonbashi–Kodenmacho, Chuo–ku, Tokyo 103 (JP).

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

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(11) **WO 98/22718** (13) A1

(21) PCT/EP97/06270

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) de (26) de

(31) 196 47 472.8 (32) **16 Nov/nov 1996 (16.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F15B 15/20, B62D 5/12, 5/06

(54) PNEUMATIC OR HYDRAULIC CONTROL MOTOR WITH A SHUTOFF DEVICE
MOTEUR DE POSITIONNEMENT PNEUMATIQUE OU HYDRAULIQUE MUNI D'UN DISPOSITIF DE DESENCLENCHEMENT

(71) **ZF FRIEDRICHSHAFEN AG** [DE/DE]; D–88038 Friedrichshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAFERMALZ, Jens–Uwe** [DE/DE]; Goethestrasse 64, D–73525 Schwäbisch Gmünd (DE).

(74) **ZF FRIEDRICHSHAFEN AG**; D–88038 Friedrichshafen (DE).

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

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(11) **WO 98/22719** (13) A1

(21) PCT/FR97/02101

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) fr (26) fr

(31) 96/14230 (32) **21 Nov/nov 1996 (21.11.1996)** (33) FR

(31) 97/06613 (32) **29 May/mai 1997 (29.05.1997)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F15C 5/00, A61M 37/00

(54) MINIATURE VALVE FOR FILLING THE RESERVOIR OF AN APPARATUS FOR THE TRANSDERMAL ADMINISTRATION OF MEDICINE
VANNE MINIATURE POUR LE REMPLISSAGE DU RESERVOIR D'UN APPAREIL D'ADMINISTRATION TRANSDERMIQUE DE MEDICAMENT

(71) **LABORATOIRES D'HYGIENE ET DE DIETETIQUE (L.H.D.)** [FR/FR]; 38, avenue Hoche, F–75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROSSI, Carole** [FR/FR]; Résidence Hamamélis, 31, chemin des manges–pommes, F–31520 Ramonville (FR). **MILLOT, Philippe** [FR/FR]; 3, allée de l'Ormeraie, F–21490 Orgeux (FR). **ESTEVE, Daniel** [FR/FR]; 30, rue de la Fontaine des Cerdans, F–31520 Ramonville–Saint–Anne (FR). **MIKLER, Claude** [FR/FR]; 117, avenue du Drapeau, F–21000 Dijon (FR). **TEILLAUD, Eric** [FR/FR]; 1, allée Roger Renard, F–21240 Talant (FR).

(74) **CABINET DE BOISSE**; L.A. de Boisse – J.P. Colas, 37, avenue Franklin D. Roosevelt, F–75008 Paris (FR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22720** (13) A1

(21) PCT/EP97/06521

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) de (26) de

(31) 196 48 273.9 (32) **21 Nov/nov 1996 (21.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F16B 5/00, B29C 65/56, F02M 35/02

(54) HOLLOW PATTERNS AND METHOD FOR JOINING PREFORMED PARTS
MODELES CREUX ET PROCEDE DE JONCTION DE PIECES PREFORMEES

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

(72, 75) **HEYDER, Gerhard** [DE/DE]; Eberstadter Strasse 17, D–74743 Seckach (DE).

(74) **ISENBRUCK, Günter**; Bardehle, Pagenberg, Dost, Altenburg, Frohwitter, Geissler, Theodor–Heuss–Anlage 12, D–68165 Mannheim (DE).

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

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(11) **WO 98/22721** (13) A1

(21) PCT/IB97/01309

(22) **20 Oct/oct 1997 (20.10.1997)**

(25) en (26) en

(31) 96203267.8 (32) **21 Nov/nov 1996 (21.11.1996)** (33) EP

(34) NL et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F16B 12/26 // A47B 81/06

(54) DETACHABLE CONNECTION BETWEEN TWO HOUSING SECTIONS
CONNEXION DETACHABLE RELIANT DEUX SECTIONS DE TYPE BOITIER

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

(71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **CHUNG, Kai, Tang**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **BOS, Kornelis, S.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

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

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(11) **WO 98/22722** (13) A1

(21) PCT/EP97/06351

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) PD96A000274 (32) **15 Nov/nov 1996 (15.11.1996)** (33) IT

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F16B 13/12

(54) SCREW ANCHOR
ANCRE A VIS

(71) **FISCHER ITALIA S.A.S di PAOLO MORASSUTTI & C.** [IT/IT]; Corso Stati Uniti, 25, I–35100 Padova (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MORASSUTTI, Paolo** [IT/IT]; Via SS. Martino e Solferino, 103, I–35122 Padova (IT). **MARZOLLA, Stefano** [IT/IT]; Via Bari, 7, I–35100 Padova (IT).

(74) **MODIANO, Guido**; Modiano & Associati, Via Meravigli, 16, I–20123 Milan (IT).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22723** (13) A1

(21) PCT/EP97/04321

(22) **8 Aug/Août 1997 (08.08.1997)**

(25) de (26) de

(31) 196 47 589.9 (32) **18 Nov/nov 1996 (18.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F16B 39/10

(54) RING–SHAPED SAFETY ELEMENT
ELEMENT DE BLOCAGE ANNULAIRE

(71) **BERTRAND FAURE SITZTECHNIK GMBH & CO. KG** [DE/DE]; Nordsehler Strasse 38, D–31655 Stadthagen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUHLE, Karl, Georg** [DE/DE]; Lübbecker Strasse 131, D–32429 Minden (DE).

(74) **THIELKING, Bodo** et al. / etc.; Gadderbaumer Strasse 20, D–33602 Bielefeld (DE).

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

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(11) **WO 98/22724** (13) A1

(21) PCT/SE97/01917

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 9604286–6 (32) **21 Nov/nov 1996** (33) SE **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F16C 23/08, 33/58, 19/36

(54) ROLLER BEARING WITH MEANS FOR GIVING THE ROLLERS A POSITIVE SKEW ANGLE
ROULEMENT A ROULEAUX EQUIPE D'UN ORGANE DONNANT AUX ROULEAUX UN ANGLE D'INCLINAISON POSITIF

(71) **AKTIEBOLAGET SKF (publ)** [SE/SE]; S–415 50 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KELLSTRÖM, Magnus** [SE/SE]; Ensittarevägen 30, S–433 41 Partille (SE).

(74) **SKF GROUP HEADQUARTERS**; Innovation & Patents, S–415 50 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22725** (13) A1

(21) PCT/EP97/02087

(22) **24 Apr/avr 1997 (24.04.1997)**

(25) de (26) de

(31) 196 48 036.1 (32) **20 Nov/nov 1996** (33) DE **(20.11.1996)**

(31) 196 52 178.1 (32) **14 Dec/déc 1996** (33) DE **(14.12.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F16C 25/08, 27/04

(54) ROLLING BEARING WITH NOISE REDUCTION
PALIER A ROULEMENT A SYSTEME AMORTISSEUR DE BRUIT

(71) **INA WÄLZLAGER SCHAEFFLER OHG** [DE/DE]; D–91072 Herzogenaurach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **METTEN, Norbert** [DE/DE]; Schützengraben 23, D–91074 Herzogenaurach (DE). **STEINBERGER, Wolfgang** [DE/DE]; Von–Hauck–Strasse 30, D–91074 Herzogenaurach (DE).

(74) **INA WÄLZLAGER SCHAEFFLER OHG**; D–91072 Herzogenaurach (DE).

(81) DE JP KR US.

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(11) **WO 98/22726** (13) A1

(21) PCT/EP97/06347

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) de (26) de

(31) 196 47 434.5 (32) **15 Nov/nov 1996** (33) DE **(15.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F16D 65/16

(54) BRAKE FOR A HYDRAULIC VEHICLE BRAKING SYSTEM, SEALING RING FOR SUCH A BRAKE AND PROCESS FOR PRODUCING THE SAME
FREIN POUR LE SYSTEME HYDRAULIQUE DE FREINAGE D'UN VEHICULE, BAGUE D'ETANCHEITE POUR CE FREIN ET SON PROCEDE DE FABRICATION

(71) **LUCAS INDUSTRIES PUBLIC LIMITED COMPANY** [GB/GB]; Stratford Road, Solihull B90 4LA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SANITATE, Franco** [DE/DE]; Sonnenallee 8, D–56077 Koblenz (DE). **CONRAD, Willibrord** [DE/DE]; Graf–Herimann–Strasse 1, D–56299 Ochtendung (DE).

(74) **BEYER, Andreas**; Wuesthoff & Wuesthoff, Schweigerstrasse 2, D–81541 München (DE).

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

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(11) **WO 98/22727** (13) A1

(21) PCT/GB97/03112

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 9624220.1 (32) **21 Nov/nov 1996** (33) GB **(21.11.1996)**

(31) 9720217.0 (32) **24 Sep/sep 1997** (33) GB **(24.09.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F16F 9/53, 9/46, 9/34

(54) FLOW–CONTROL VALVE AND DAMPER
SOUPAPE DE REGULATION DE DEBIT ET AMORTISSEUR

(71) **ADVANCED FLUID SYSTEMS LIMITED** [GB/GB]; Units 10–14 Pensbury Industrial Estate, Pensbury Street, London SW8 4TJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BROOKS, Douglas, Alan** [GB/GB]; 31 Greville Road, London E17 9HG (GB).

(74) **PEARCE, Anthony, Richmond** et al. / etc.; Marks & Clerk, Alpha Tower, Suffolk Street Queensway, Birmingham B1 1TT (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22728** (13) A1

(21) PCT/EP97/05641

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) de (26) de

(31) 196 47 322.5 (32) **15 Nov/nov 1996** (33) DE **(15.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F16G 13/16

(54) CHAIN LINK OF DIFFERENT MATERIALS AND METHOD FOR ITS PRODUCTION
ELEMENT DE CHAINE EN DIFFERENTS MATERIAUX ET SON PROCEDE DE FABRICATION

(71) **KABELSCHLEPP GMBH** [DE/DE]; Marienborner Strasse 75, D–57074 Siegen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEBER, Willibald** [DE/DE]; Auf dem Garten 18, D–57250 Netphen (DE).

(74) **KAHLHÖFER, Hermann**; Xantener Strasse 12, D–40474 Düsseldorf (DE).

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

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(11) **WO 98/22729** (13) A1

(21) PCT/NL97/00632

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) nl (26) en

(31) 1004589 (32) **21 Nov/nov 1996** (33) NL **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F16H 15/54

(54) MECHANICAL GEARING
TRANSMISSION MECANIQUE

(71, 72) **HOOGENBERG, Heerke** [NL/NL]; Groenling 11, NL–7463 BH Rijssen (NL).

(74) **VAN DEN HEUVEL, Henricus, Theodorus**; Arnold & Siedsma, Sweelinckplein 1, NL–2517 GK The Hague (NL).

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

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(11) **WO 98/22730** (13) A1

(21) PCT/NZ97/00148

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) en (26) en

(31) 299776 (32) **18 Nov/nov 1996** (33) NZ **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F16H 21/18, F02B 75/32

(54) ROTARY TO RECIPROCATING MOTION CONVERSION LINKAGE
CONNEXION PERMETTANT DE TRANSFORMER UN MOUVEMENT ROTATIF EN UN MOUVEMENT DE VA–ET–VIENT

(71) **ENVIRO MOTOR (1996) LIMITED** [NZ/NZ]; c/o Parry Field & Co., 78 Worcester Street, Christchurch (NZ).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAYLOR, John, Brengle** [NZ/NZ]; 14 Pethig Place, Halswell, Christchurch (NZ).

(74) **LYTH, Richard, John** et al. / etc.; Baldwin Son and Carey, NCR Building, 342 Lambton Quay, Wellington (NZ).

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

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(11) **WO 98/22731** (13) A1

(21) PCT/AU97/00749

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) PO 3739 (32) **21 Nov/nov 1996 (21.11.1996)** (33) AU

(31) PO 5235 (32) **21 Feb/fév 1997 (21.02.1997)** (33) AU

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F16H 29/14, 29/16, 29/18, 29/20

(54) DOUBLE ORBITAL TRANSMISSION
TRANSMISSION ORBITALE DOUBLE

(71) **AIMBRIDGE PTY. LTD.** [AU/AU]; Level 9, 161 Collins Street, Melbourne, VIC 3000 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILLMOT, Eric, Paul** [AU/AU]; 169 Kingsford Smith Drive, Melba, ACT 2615 (AU).

(74) **WILSON, Stephen, Henry**; Griffith Hack, 509 St. Kilda Road, Melbourne, VIC 3004 (AU).

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

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(11) **WO 98/22732** (13) A1

(21) PCT/US97/20894

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 08/754,567 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F16H 37/04

(54) REVERSE GEAR MECHANISM IN FRONT WHEEL DRIVE TRANSAXLES
MECANISME DE MARCHE ARRIERE DANS DES BOITES–PONTS DE TRACTION AVANT

(71) **NEW VENTURE GEAR, INC.** [US/US]; Suite 350, 1650 Research Drive, Troy, MI 48083 (US).

(72) **FORSYTH, John, R.**; 186 Minot, Romeo, MI 48065 (US).

(74) **RETTIG, Philip, E.** 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 GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22733** (13) A1

(21) PCT/KR97/00227

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 1996/56980 (32) **20 Nov/nov 1996 (20.11.1996)** (33) KR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F16H 47/08, 3/72

(54) CONTINUOUSLY VARIABLE TRANSMISSION
TRANSMISSION VARIABLE EN CONTENU

(71, 72) **CHOI, Tae, Soo** [KR/KR]; Kangchon Maul Korong Apt. 710–1201, Madu–dong, Ilsan–ku, Koyang–city, Kyungki–do 411–350 (KR). **MOON, Byung, Il** [KR/KR]; Jeongnung–dong 140–2, Sungbuk–ku, Seoul 136–100 (KR). **YOO, Wan, Moo** [KR/KR]; Baeksuk–dong 1200, Ilsan–ku, Koyang–city, Kyungki–do 411–360 (KR).

(74) **LEE, Byong, Ho** et al. / etc.; Korea Re–Insurance Building, 5th floor, 80, Soosong–dong, Chongro–ku, Seoul 110–140 (KR).

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

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(11) **WO 98/22734** (13) A1

(21) PCT/US97/20916

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 08/751,982 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F16H 48/30

(54) SYSTEM AND APPARATUS FOR A MULTIPLE INPUT AND DUAL OUTPUT ELECTRIC DIFFERENTIAL MOTOR TRANSMISSION DEVICE
SYSTEME ET APPAREIL DESTINES A UN DISPOSITIF DE TRANSMISSION MOTEUR A DIFFERENTIEL ELECTRIQUE A ENTREES MULTIPLES ET DOUBLE SORTIE

(71) **SOLOMON TECHNOLOGIES, INC.** [US/US]; 7375 Benedict Avenue, P.O. Box 314, Benedict, MD 20612 (US).

(72) **TETHER, David**; 7374 Benedict Avenue, Benedict, MD 20612 (US).

(74) **FISHER, Stanley, P.** et al. / etc.; Suite 1400, 3110 Fairview Park Drive, Falls Church, VA 22042 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22735** (13) A1

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(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 9624353.0 (32) **22 Nov/nov 1996 (22.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F16J 15/32, B62D 5/22

(54) PISTON AND CYLINDER ASSEMBLY
SYSTEME A PISTON ET A CYLINDRE

(71) **ADWEST STEERING LIMITED** [GB/GB]; Headley Road East, Woodley, Reading, Berkshire RG5 4SN (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MILLARD, Barry, John** [GB/GB]; 327 Wokingham Road, Earley, Reading RG6 2EB (GB).

(74) **DEALTRY, Brian**; Eric Potter Clarkson, St. Mary's Court, St. Mary's Gate, Nottingham NG1 1LE (GB).

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

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(11) **WO 98/22736** (13) A1

(21) PCT/US97/20693

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 08/754,946 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F16J 15/40

(54) ROTATING SEALING DEVICE
DISPOSITIF D'ETANCHEITE ROTATIF

(71) **VARIAN ASSOCIATES, INC.** [US/US]; 3050 Hansen Way, Palo Alto, CA 94304 (US).

(72) **ANDERSON, Weston, A.**; 763 La Para Avenue, Palo Alto, CA 94306 (US). **RICHARDSON, John, E.**; 7225 Reindeer Drive, Salt Lake City, UT 84121 (US).

(74) **FISHMAN, Bella** et al. / etc.; Varian Associates, Inc., Legal Dept., M/S E–339, 3100 Hansen Way, Palo Alto, CA 94304 (US).

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

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(11) **WO 98/22737** (13) A1

(21) PCT/IB97/01473

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 08/754,257 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F16K 7/17, 31/122, 31/126, 31/383, 31/40

(54) FLOW VALVE OPERATED BY FLOW TRANSFER MEANS WHICH REGULATE SMALL FLOWS OF CONTROL
VANNE DE REGLAGE ACTIONNEE PAR UN SYSTEME DE TRANSFERT DE FLUX REGULANT DE PETITS FLUX DE COMMANDE

(71, 72) **PAPIN, Jérôme** [FR/CL]; Passaje El Lirio 1164, Villa Santa Maria, Santiago (CL). **PEREZ CORBALAN, Sergio** [CL/CL]; Carlos Alvarado 5321, Las Condes, Santiago (CL).

(74) **CABINET ARBOUSSE BASTIDE**; 5, place du Corbeau, F–67000 Strasbourg (FR).

(81) AU BR CA CN JP KR MX PL RU.

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(11) **WO 98/22738** (13) A1

(21) PCT/EP97/06411

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) de (26) de

(31) 196 47 838.3 (32) **19 Nov/nov 1996 (19.11.1996)** (33) DE

(31) 196 51 285.9 (32) **10 Dec/déc 1996 (10.12.1996)** (33) DE

(31) 197 02 361.4 (32) **23 Jan/jan 1997 (23.01.1997)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F16K 31/00, A61M 39/22, 5/168

(54) MICROVALVE
MICRO–SOUPAPE

(71, 72) **LANG, Volker** [DE/DE]; Zugspitzstrasse 52, D–82131 Gauting (DE).

(74) **GOSSEL, Hans, K.** et al. / etc.; Widenmayerstrasse 23, D–80538 München (DE).

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

Published / Publiée : *(c)*

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(11) **WO 98/22739** (13) A1

(21) PCT/US97/21170

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 08/753,156 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F16L 3/00

(54) CABLE TIE WITH CHRISTMAS TREE FASTENER
ATTACHE DE CABLE DOTE D'UNE FIXATION EN ARBRE DE NOEL

(71) **AVERY DENNISON CORPORATION** [US/US]; 150 North Orange Grove Boulevard, Pasadena, CA 91103 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BENOIT, James, C.** [US/US]; 73 Bradford Street, Needham, MA 02192 (US). **MATTHEWS, Clinton, N.** [US/US]; 1424 Turnpike Street, Stoughton, MA 02072 (US).

(74) **KRIEGSMAN, Edward, M.** et al. / etc.; Kriegsman & Kriegsman, 883 Edgell Road, Framingham, MA 01701 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22740** (13) A1

(21) PCT/US97/22530

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/753,155 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(31) 08/902,881 (32) **30 Jul/juil 1997 (30.07.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F16L 3/08, 3/00

(54) CABLE TIE HAVING A STUD MOUNTABLE FASTENER
ATTACHE DE CABLE COMPORTANT UN DISPOSITIF DE FIXATION SUSCEPTIBLE D'ETRE MONTE SUR UN GOUJON

(71) **AVERY DENNISON CORPORATION** [US/US]; 150 North Orange Grove Boulevard, Pasadena, CA 91103 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BENOIT, James, C.** [US/US]; 73 Bradford Street, Needham, MA 02192 (US).

(74) **KRIEGSMAN, Edward, M.** et al. / etc.; Kriegsman & Kriegsman, 883 Edgell Road, Framingham, MA 01701 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22741** (13) A1

(21) PCT/SE97/01823

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) sv (26) en

(31) 9604278–3 (32) **21 Nov/nov 1996 (21.11.1996)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F16L 21/035, 17/02, 37/08

(54) DEVICE ON A CONDUIT END AND ARRANGEMENT FOR JOINING CONDUITS
DISPOSITIF MONTE SUR UNE EXTREMITE DE CONDUIT ET AGENCEMENT PERMETTANT D'ASSEMBLER DES CONDUITS

(71) **DRESSER WAYNE AKTIEBOLAG** [SE/SE]; P.O. Box 30049, S–200 61 Malmö (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LARSSON, Bengt, I.** [SE/SE]; Tingaröd 119, S–274 53 Skivarp (SE). **SVENSSON, Viveka** [SE/SE]; Östergatan 69, S–231 45 Trelleborg (SE).

(74) **AWAPATENT AB**; P.O. Box 5117, S–200 71 Malmö (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22742** (13) A1

(21) PCT/US97/21014

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 08/751,628 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F16L 27/00

(54) DOUBLE CONTAINMENT BUTT WELD PIPE FITTING
RACCORD DE TUYAUX SOUDES EN BOUT A DOUBLE VOIE D'ECOULEMENT

(71) **BROCKHAGE ASSOCIATES, A TRUST** [US/US]; 1137 Park Brook Court, Milpitas, CA 95035 (US).

(72) **BROCKHAGE, Donald, J.**; 1137 Park Brook Court, Milpitas, CA 95035 (US).

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

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

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(11) **WO 98/22743** (13) A1

(21) PCT/US96/18587

(22) **20 Nov/nov 1996 (20.11.1996)**

(25) en (26) en

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F16L 35/00

(54) QUICK CONNECTOR WITH VISUAL INDICATOR
RACCORD RAPIDE COMPORTANT UN INDICATEUR VISUEL

(71) **PROPRIETARY TECHNOLOGY, INC.** [US/US]; Suite 114, 2550 Telegraph Road, Bloomfield Hills, MI 48302–7048 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BARTHOLOMEW, Donald, D.** [US/US]; Unit 32–C, 35442 Jefferson, 400 On The Lake, Mount Clemens, MI 48045 (US).

(74) **MILLER, H., Keith** et al. / etc.; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).

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

(11) **WO 98/22744** (13) A1

(21) PCT/GB97/03110

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 9624102.1 (32) **20 Nov/nov 1996** (33) GB **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F16L 47/02, 47/00

(54) PIPE CONNECTOR
RACCORD DE TUYAU

(71) **UPONOR B.V.** [NL/NL]; Hoekenrode 6–8, NL–1102 BR Amsterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DICKINSON, Alan, John** [GB/GB]; 13 Pennine Drive, Kirkby–in–Ashfield, Nottingham NG17 8LL (GB). **JARVENKYLA, Jyri, Jaakko** [FI/FI]; Tapiontie 4, FIN–15870 Hollola (FI).

(74) **LUNT, Mark, George, Francis**; Dibb Lupton Alsop, Fountain Precinct, Balm Green, Sheffield S1 1RZ (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22745** (13) A1

(21) PCT/GB97/03158

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 9623985.0 (32) **19 Nov/nov 1996** (33) GB **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F16L 55/128

(54) EXPANDABLE SEALING PLUG
BOUCHON D'ETANCHEITE DILATABLE

(71) **AVDEL TEXTRON LIMITED** [GB/GB]; Mundells, Welwyn Garden City, Hertfordshire AL7 1EZ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GIDDINGS, Andrew, David** [GB/GB]; 11 New Greens Avenue, St. Albans, Hertfordshire AL3 6HJ (GB).

(74) **COATES, Ian, Harold**; Sommerville & Rushton, 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22746** (13) A1

(21) PCT/EP97/06413

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) de (26) de

(31) 296 19 912.5 (32) **18 Nov/nov 1996** (33) DE **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F17C 13/04

(54) CONNECTION ADAPTOR
ADAPTATEUR DE RACCORDEMENT

(71) **WEH GMBH, VERBINDUNGSTECHNIK** [DE/DE]; Siemensstrasse 5, D–89257 Illertissen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEH, Wolfgang** [DE/DE]; Siemensstrasse 5, D–89257 Illertissen (DE). **WEH, Erwin** [DE/DE]; Siemensstrasse 5, D–89257 Illertissen (DE).

(74) **FIENER, Josef**; Maximilianstrasse 57, Postfach 12 49, D–87712 Mindelheim (DE).

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

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(11) **WO 98/22747** (13) A1

(21) PCT/EP97/06673

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) MI96U000764 (32) **22 Nov/nov 1996** (33) IT **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F21P 3/00, F21V 7/00, 17/02

(54) OPTICAL SYSTEM FOR ENVIRONMENTAL LIGHTING
SYSTEME OPTIQUE DESTINE A UN ECLAIRAGE D'AMBIANCE

(71) **LIGHT STUDIO DI GIUSEPPE MESTRANGELO** [IT/IT]; Via Aleardi, 4, I–20154 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MESTRANGELO, Giuseppe** [IT/IT]; Via Aleardi, 4, I–20154 Milano (IT).

(74) **DE GREGORI, Antonella** et al. / etc.; Ing. Barzanò & Zanardo Milano S.p.A., Via Borgonuovo, 10, I–20121 Milano (IT).

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

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(11) **WO 98/22748** (13) A1

(21) PCT/EP97/06337

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) de (26) de

(31) 196 47 357.8 (32) **15 Nov/nov 1996** (33) DE **(15.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F21Q 1/00

(54) HEADLAMP FOR VEHICLES
PHARE DE VEHICULE

(71) **HELLA KG HUECK & CO.** [DE/DE]; Rixbecker Strasse 75, D–59552 Lippstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FLOTTMEYER, Hubert** [DE/DE]; Auf der Brede 23, D–33181 Wünnenberg (DE). **LEINWAND, Peter** [DE/DE]; Nierstefeldstrasse 39, D–44329 Dortmund (DE).

(74) **HELLA KG HUECK & CO.**; Rixbecker Strasse 75, D–59552 Lippstadt (DE).

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

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(11) **WO 98/22749** (13) A1

(21) PCT/US97/15791

(22) **8 Sep/sep 1997 (08.09.1997)**

(25) en (26) en

(31) 08/755,767 (32) **21 Nov/nov 1996** (33) US **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F21V 8/00

(54) FRONT LIGHT EXTRACTION FILM FOR LIGHT GUIDING SYSTEMS AND METHOD OF MANUFACTURE
FILM POUR EXTRACTION FRONTALE DE LUMIERE POUR SYSTEME DE GUIDAGE DE LUMIERE ET PROCEDE DE FABRICATION

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133–3427 (US).

(72) **KOTZ, Arthur, L.**; P.O. Box 33427, Saint Paul, MN 55133–3427 (US). **POPPENDIECK, Mary, B.**; P.O. Box 33427, Saint Paul, MN 55133–3427 (US). **HATA, Michiru**; P.O. Box 33427, Saint Paul, MN 55133–3427 (US). **BENSON, Olester, Jr.**; P.O. Box 33427, Saint Paul, MN 55133–3427 (US).

(74) **BUCKINGHAM, Stephen, W.** 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 GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22750** (13) A1

(21) PCT/US97/21146

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/752,061 (32) **19 Nov/nov 1996** (33) US **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F23D 14/28, B44B 7/02, A01K 11/00, A45D 7/02, 20/10, B23K 3/02

(54) CORDLESS HYDROCARBON FUEL HEATED HAIRDRYER
SECHE–CHEVEUX SANS FIL CHAUFFE AVEC UN COMBUSTIBLE HYDROCARBURE

(71) **THE SCHAWBEL CORPORATION** [US/US]; 529 Main Street, Boston, MA 02129 (US).

(72) **BONNEMA, James**; 13 Stony Brook Lane, Middleton, MA 01949 (US). **SHAPIRO, Stephen**; 102 Queen Anne's Court, Weymouth, MA 02189 (US). **WINKLER, Karl**; 15 Hibiscus Avenue, Waltham, MA 02154 (US).

(74) **BERGER, Peter, L.** et al. / etc.; Levisohn, Lerner, Berger & Langsam, 757 Third Avenue, New York, NY 10017 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22751** (13) A1

(21) PCT/AT97/00250

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) de (26) de

(31) A 2022/96 (32) **20 Nov/nov 1996** (33) AT **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F23G 5/04, 5/027, 5/46, 7/10

(54) METHOD FOR THE THERMAL UTILIZATION OF SPENT GRAIN
PROCEDE DE VALORISATION THERMIQUE DE LA DRECHE

(71) **STEIRERBRAU AKTIENGESELLSCHAFT** [AT/AT]; Reininghausstrasse 1–7, A–8021 Graz (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KEPPLINGER, Leopold, Werner** [AT/AT]; Lahholdstrasse 7, A–4060 Leonding (AT). **PELZ, Dieter** [AT/AT]; Hans–Mauracher–Strasse 45, A–8044 Graz (AT). **ZANKER, Gerald** [AT/AT]; Schulgasse 1, A–8042 St. Peter/Hart (AT).

(74) **KOPECKY, Helmut** et al. / etc.; Wipplingerstrasse 32/22, A–1010 Wien (AT).

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

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(11) **WO 98/22752** (13) A1

(21) PCT/EP97/06335

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) de (26) de

(31) 196 47 432.9 (32) **15 Nov/nov 1996** (33) DE **(15.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F23N 1/00

(54) CONTROL CIRCUIT FOR A GAS MAGNETIC VALVE
CIRCUIT DE COMMANDE POUR UNE VANNE MAGNETIQUE DE GAZ

(71) **HONEYWELL B.V.** [NL/NL]; Laarderhoogtweg 18–20, NL–1101 EA Amsterdam Z.O. (NL).

(72) **VEGTER, Derk**; Zijtak W.Z. 130, NL–7833 BH Nieuw Amsterdam (NL).

(74) **RENTZSCH, Heinz** et al. / etc.; Honeywell Holding AG, Patent– und Lizenzabteilung, Postfach 10 08 65, D–63008 Offenbach am Main (DE).

(81) CZ (Utility model / modèle d'utilité) SK (Utility model / modèle d'utilité); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22753** (13) A1

(21) PCT/EP97/06336

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/751,010 (32) **15 Nov/nov 1996** (33) US **(15.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F23N 1/00, 5/06

(54) BULB–OPERATED MODULATING GAS VALVE WITH MINIMUM BYPASS
SOUPAPE A POIRE DE MODULATION DU DEBIT DE GAZ AVEC DERIVATION MINIMALE

(71) **HONEYWELL B.V.** [NL/NL]; Laarderhoogtweg 18 – 20, NL–1101 EA Amsterdam Z.O. (NL).

(72) **DIETIKER, Paul**; 642 Via Los Miradores, Redondos Beach, CA 90277 (US). **PRAGT, Johan, H.**; Pothuislaan 11, NL–7741 26 Coevorden (NL).

(74) **RENTZSCH, Heinz** et al. / etc.; Honeywell Holding AG, Patent and License Dept., Postfach 10 08 65, D–63008 Offenbach am Main (DE).

(81) CA HU (Utility model / modèle d'utilité) TR (Utility model / modèle d'utilité); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22754** (13) A1

(21) PCT/US97/21038

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/749,959 (32) **18 Nov/nov 1996** (33) US **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F24C 3/00

(54) GAS FIREPLACE
FOYER A GAZ

(71) **SUPERIOR FIREPLACE COMPANY** [US/US]; 4325 Artesia Avenue, Fullerton, CA 92633 (US).

(72) **FRENCH, Timothy, J.**; 4462 Paloma Lane, Yorba Linda, CA 92686 (US). **KELLEY, John, R.**; 6542 Sarinella Drive, Huntington Beach, CA 92647 (US). **SIMONEN, John, M.**; 25 Oakcliff Drive, Philips Ranch, CA 91766 (US). **BARUDI, Samir, E.**; 20871 Balgair Circle, Huntington Beach, CA 92646 (US).

(74) **DILLARD, David, A.**; Christie, Parker & Hale, LLP, P.O. Box 7068, Pasadena, CA 91109–7068 (US).

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

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(11) **WO 98/22755** (13) A1

(21) PCT/KR96/00208

(22) **21 Nov/nov 1996 (21.11.1996)**

(25) en (26) en

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F24C 15/20

(54) VENTILATION DEVICE WITH AIR CURTAIN EFFECT
DISPOSITIF DE VENTILATION A EFFET DE RIDEAU D'AIR

(71, 72) **KIM, Byong–Duk** [KR/KR]; 127–3, Heukseok–dong, Dongjak–ku, Seoul 156–070 (KR).

(74) **KOO, Ja–Duk**; Koo, Ja–Duk Patent & Law Firm, Heungyong Building, 1st floor, 648–26, Yoksam–dong, Kangnam–ku, Seoul 135–080 (KR).

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

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(11) **WO 98/22756** (13) A1

(21) PCT/SE97/01924

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) sv (26) en

(31) 9604207–2 (32) **18 Nov/nov 1996** (33) SE **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F24F 3/16, B01D 53/84

(54) A DEVICE FOR IMPROVING THE QUALITY OF INDOOR AIR
DISPOSITIF POUR AMELIORER LA QUALITE DE L'AIR A L'INTERIEUR DE LOCAUX

(71, 72) **THOFELT, Lars** [SE/SE]; Blomstervägen 17, S–832 47 Frösön (SE).

(74) **BJERKÉN, Håkan** et al. / etc.; Bjerkéns Patentbyrå KB, P.O. Box 1274, S–801 37 Gävle (SE).

(81) CA NO US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22757** (13) A1

(21) PCT/US97/20795

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/755,409 (32) **22 Nov/nov 1996** (33) US **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F24F 7/02

(54) STATIC VENTING SYSTEM
SYSTEME DE VENTILATION STATIQUE

(71, 72) **KOLT, Stanley** [US/US]; 4 Country Road, Mamaroneck, NY 10543 (US).

(74) **SUROFF, Leonard**; 12 Tompkins Avenue, Jericho, NY 11753–1920 (US).

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

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(11) **WO 98/22758** (13) A1

(21) PCT/JP97/04155

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 8/304391 (32) **15 Nov/nov 1996** (33) JP **(15.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F24F 13/14, F16K 31/54, F25D 17/04

(54) DAMPER DEVICE AND METHOD FOR DRIVING THE SAME
DISPOSITIF REGISTRE ET PROCEDE DE COMMANDE ASSOCIE

(71) **MATSUSHITA REFRIGERATION COMPANY** [JP/JP]; 2–5, Takaida–hondori 4–chome, Higashiosaka–shi, Osaka 577 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OHNISHI, Ichiroh** [JP/JP]; 6–5, Kibougaoka 2–chome, Kounan–cho, Kouga–gun, Shiga 520–33 (JP).

(74) **YAMAMOTO, Shusaku**; Crystal Tower, 15th floor, 2–27, Shiromi 1–chome, Chuo–ku, Osaka–shi, Osaka 540 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22759** (13) A1

(21) PCT/US97/21313

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 08/752,615 (32) **19 Nov/nov 1996** (33) US **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F24J 2/02

(54) SOLAR LENS, STOVE AND SOLAR PANEL COMBINATION
COMBINAISON COMPRENANT UNE LENTILLE SOLAIRE, UN FOURNEAU ET UN PANNEAU SOLAIRE

(71, 72) **STEINORTH, Edward, O.** [US/US]; 3079 Deerfield Road, Deerfield, IL 60015 (US).

(74) **JOVANOVIC, Jovan, N.**; Law Offices of Dick and Harris, Suite 3800, 181 West Madison Street, Chicago, IL 60602 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22760** (13) A1

(21) PCT/NO97/00314

(22) **24 Nov/nov 1997 (24.11.1997)**

(25) en (26) en

(31) 964971 (32) **22 Nov/nov 1996** (33) NO **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F24J 3/08, E21B 43/17

(54) A PLANT FOR EXPLOITING GEOTHERMAL ENERGY
INSTALLATION PERMETTANT D'EXPLOITER L'ENERGIE GEOTHERMIQUE

(71, 72) **MOE, Per, H.** [NO/NO]; Amtmann Bangs Gate 7, N–3000 Drammen (NO). **RABBEN, Kjell, M.** [NO/NO]; Gravarslia 30, N–4300 Sandnes (NO).

(74) **OSLO PATENTKONTOR AS**; P.O. Box 7007 M, N–0306 Oslo (NO).

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

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(11) **WO 98/22761** (13) A1

(21) PCT/US96/18444

(22) **18 Nov/nov 1996 (18.11.1996)**

(25) en (26) en

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F25B 15/00, 15/06

(54) HIGH–LIFT LOW–DROP ABSORPTION HEAT PUMP
POMPE A CHALEUR A ABSORPTION PRESENTANT UNE ELEVATION IMPORTANTE ET UNE CHUTE LIMITEE DE LA QUANTITE DE CHALEUR

(71, 72) **HOWE, Lawrence, A.** [US/US]; 8101 Chestnut Avenue, Bowie, MD 20715 (US).

(74) **WYAND, Jeffrey, A.**; Leydig, Voit & Mayer, Suite 300, 700 Thirteenth Street, N.W., Washington, DC 20005 (US).

(81) BR CN MX RU VN.

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(11) **WO 98/22762** (13) A1

(21) PCT/DK97/00528

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 196 47 718.2 (32) **19 Nov/nov 1996** (33) DE **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F25B 41/06, G05D 23/30 // B60H 1/32

(54) PROCESS FOR THE CONTROL OF A REFRIGERATION SYSTEM, AS WELL AS A REFRIGERATION SYSTEM AND EXPANSION VALVE
PROCEDE DE COMMANDE D'UN SYSTEME DE REFRIGERATION, UN TEL SYSTEME DE MEME QU'UNE SOUPAPE D'EXPANSION

(71) **DANFOSS A/S** [DK/DK]; DK–6430 Nordborg (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHMIDT, Frede** [DK/DK]; Ahlmannsvej 45, DK–6400 Sønderborg (DK). **JENSEN, Kenn, Sønder** [DK/DK]; Borgmester Andersensvej 25, DK–6400 Sønderborg (DK).

(74) **DANFOSS A/S**; Patent Dept., DK–6430 Nordborg (DK).

(81) AM AT AU BA BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL 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; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22763** (13) A1

(21) PCT/EP97/06357

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) de (26) de

(31) 196 47 718.2 (32) **19 Nov/nov 1996** (33) DE **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F25B 41/06

(54) PROCESS FOR REGULATING A REFRIGERATING SYSTEM, REFRIGERATING SYSTEM AND EXPANSION VALVE
PROCEDE DE REGLAGE D'UNE INSTALLATION FRIGORIFIQUE, INSTALLATION FRIGORIFIQUE ET SOUPAPE DE DETENTE

(71) **DANFOSS A/S** [DK/DK]; DK–6400 Nordborg (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JENSEN, Kenn, Sønder** [DK/DK]; Borgmester Andersensvej 25, DK–6400 Sønderborg (DK). **SCHMIDT, Frede** [DK/DK]; Ahlmannsvej 45, DK–6400 Sønderborg (DK).

(74) **KNOBLAUCH, Ulrich** et al. / etc.; Kühhornshofweg 10, D–60320 Frankfurt am Main (DE).

(81) AM AT AU BA BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL 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; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22764** (13) A1

(21) PCT/SE97/01905

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/752,007 (32) **15 Nov/nov 1996** (33) US **(15.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F25D 3/12, 16/00

(54) A REFRIGERATION SYSTEM USING A SLURRY OF SOLID PARTICLES IN A LIQUID
SYSTEME DE REFRIGERATION UTILISANT UNE BOUE DE PARTICULES SOLIDES DANS UN LIQUIDE

(71) **FRIGOSCANDIA EQUIPMENT AB** [SE/SE]; P.O. Box 913, S–251 09 Helsingborg (SE).

(72) **STRONG, John, Richard**; 10603 N.E. 110th Street, Kirkland, WA 98033 (US). **LUHM, Gary, Walter**; 10609 N.E. 57th Street, Kirkland, WA 98033 (US). **CRASK, Roger, Paul**; 3204 416th Court S.E., Issaquah, WA 98027 (US).

(74) **AWAPATENT AB**; P.O. Box 5117, S–200 71 Malmö (SE).

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

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(11) **WO 98/22765** (13) A1

(21) PCT/NO97/00308

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) no (26) en

(31) 964918 (32) **19 Nov/nov 1996** (33) NO **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F26B 21/08, 23/00

(54) DRYING METHOD
PROCEDE DE SECHAGE

(71) **ABB MILJØ AS** [NO/NO]; Postboks 6260 Etterstad, N–0630 Oslo (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AALEN, Jan, Øyvind** [NO/NO]; Runeveien 11, N–4085 Hundvåg (NO).

(74) **TANDBERGS PATENTKONTOR AS**; Postboks 7085, N–0306 Oslo (NO).

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

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(11) **WO 98/22766** (13) A1

(21) PCT/FR97/02106

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) fr (26) fr

(31) 96/14229 (32) **21 Nov/nov 1996 (21.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F28D 9/04

(54) AIR CONDITIONING BATTERY WITH ADJUSTED HEAT FLOW
BATTERIE DE CLIMATISATION A FLUX CALORIFIQUE AJUSTE

(71) **SPIREC** [FR/FR]; 12, boulevard des Martyrs de Chateaubriant, F–95100 Argenteuil (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DE SEYSSEL, Guy** [FR/FR]; 78, avenue Galliéni, F–78110 Le Vésinet (FR).

(74) **BRUDER, Michel** et al. / etc.; Cabinet Bruder, 46, rue Decamps, F–75116 Paris (FR).

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

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(11) **WO 98/22767** (13) A1

(21) PCT/US97/20664

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 08/751,585 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F28D 15/00, H05K 7/20, H01L 23/24

(54) THIN, PLANAR HEAT SPREADER
DISSIPATEUR DE CHALEUR MINCE ET PLAT

(71) **NOVEL CONCEPTS, INCORPORATED** [US/US]; 198 Country Club Drive, Incline Village, NV 89451 (US).

(72) **THOMAS, Daniel, Lee**; 198 Country Club Drive, Incline Village, NV 89451 (US).

(74) **GALLIANI, William, S.** et al. / etc.; Flehr Hohbach Test Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111–4187 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22768** (13) A1

(21) PCT/US97/19005

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 08/755,484 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F28D 19/04

(54) AIR PREHEATER HEAT TRANSFER SURFACE
SURFACE D'ECHANGE THERMIQUE DE RECHAUFFEUR D'AIR

(71) **ABB AIR PREHEATER, INC.** [US/US]; Andover Road, Wellsville, NY 14895 (US).

(72) **COUNTERMAN, Wayne, Stanley**; 2 Lewis Road, Box 270 R.D., Wellsville, NY 14895 (US).

(74) **FOURNIER, Arthur, E., Jr.** et al. / etc.; ABB Support Services, Patent Services, 2000 Day Hill Road, Windsor, CT 06095 (US).

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

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(11) **WO 98/22769** (13) A1

(21) PCT/NL97/00640

(22) **24 Nov/nov 1997 (24.11.1997)**

(25) nl (26) en

(31) 1004592 (32) **22 Nov/nov 1996 (22.11.1996)** (33) NL

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F28F 1/00

(54) HEAT EXCHANGER TUBE AND METHOD OF MANUFACTURING SAME
TUBE D'ECHANGEUR DE CHALEUR ET SON PROCEDE DE FABRICATION

(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) **SMULDERS, Th., A., H., J.**; Vereenigde Octrooibureaux, Nieuwe Parklaan 97, NL–2587 BN 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 GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22770** (13) A1

(21) PCT/US97/21058

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 754,025 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F28F 1/00, F28D 7/02

(54) HEAT EXCHANGER HAVING A PLEATED MAT OF FIBERS
ECHANGEUR THERMIQUE POSSEDANT UN MAT DE FIBRES PLISSE

(71) **MICROMETAL FIBERS, INC.** [US/US]; 947 East Johnstown Road, Gahanna, OH 43230 (US).

(72) **HACKMAN, Lloyd, E.**; 15508 Fiddlesticks S.E., Ft. Myers, FL 33912 (US). **BRUNNHOEFFER, Gilbert, C., III**; 220 East Deshler Avenue, Columbus, OH 43206 (US).

(74) **FOSTER, Frank, H.**; Kremblas, Foster, Millard & Pollick, 7632 Slate Ridge Boulevard, Reynoldsburg, OH 43068 (US).

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

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(11) **WO 98/22771** (13) A1

(21) PCT/SE97/01873

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) sv (26) en

(31) 9604220–5 (32) **19 Nov/nov 1996 (19.11.1996)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F28F 13/00

(54) ARRANGEMENT FOR FLOW REDUCTION IN PLATE OIL COOLER
AGENCEMENT PERMETTANT DE REDUIRE LE DEBIT DANS UN REFROIDISSEUR D'HUILE A PLAQUES

(71) **VALEO ENGINE COOLING AB** [SE/SE]; P.O. Box 1174, S–581 11 Linköping (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HEDMAN, Rolf** [SE/SE]; Norrsvängen 2A, S–582 48 Linköping (SE).

(74) **WILLQUIST, Bo** et al. / etc.; Willquist & Partners Patentbyrå AB, S:t Larsgatan 23, S–582 24 Linköping (SE).

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

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(11) **WO 98/22772** (13) A1

(21) PCT/DE97/02719

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) de (26) de

(31) 196 48 660.2 (32) **15 Nov/nov 1996 (15.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F28F 13/02, 13/18

(54) METHOD FOR IMPROVING HEAT TRANSFER AND HEAT EXCHANGE DEVICE
PROCEDE PERMETTANT D'AMELIORER LA TRANSMISSION DE CHALEUR, ET DISPOSITIF D'ECHANGE DE CHALEUR

(71, 72) **SCHADE, Martin** [DE/DE]; Aalesunder Strasse 11, D–10439 Berlin (DE).

(74) **ERICH UND NERN**; August–Bebel–Ring 36, D–15751 Niederlehme (DE).

(81) BR CA CN CZ JP NO PL US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22773** (13) A1

(21) PCT/EP97/06455

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) de (26) de

(31) 196 47 868.5 (32) **19 Nov/nov 1996 (19.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F28G 1/16, 3/16

(54) SOOT REMOVING FAN
SOUFFLANTE A FONCTION D'ELIMINATION DE SUIE

(71, 72) **BERGEMANN, Hans** [DE/DE]; Ettlis 65, D–87448 Waltenhofen (DE).

(74) **FIENER, Josef**; Maximilianstrasse 57, Postfach 12 49, D–87712 Mindelheim (DE).

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

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(11) **WO 98/22774** (13) A2

(21) PCT/US97/18484

(22) **9 Oct/oct 1997 (09.10.1997)**

(25) en (26) en

(31) 08/742,296 (32) **1 Nov/nov 1996 (01.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] F42D

(54) SHOCK–RESISTANT ELECTRONIC CIRCUIT ASSEMBLY
ENSEMBLE CIRCUIT ELECTRONIQUE RESISTANT AUX CHOCS

(71) **THE ENSIGN–BICKFORD COMPANY** [US/US]; 660 Hopmeadow Street, P.O. Box 483, Simsbury, CT 06070–0483 (US).

(72) **MARSHALL, Paul, N.**; 41 Cotswold Way, Avon, CT 06001 (US). **TSEKA, Thomas, C.**; 221 Babbs Road, West Suffield, CT 06093 (US). **WALSH, Brendan, M.**; 17 Berkshire Way, Simsbury, CT 06070 (US). **FRITZ, James, E.**; 118 Sandy Beach Road, Ellington, CT 06029 (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) AU BR CA CN ID JP MX NO RU UA; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22775** (13) A1

(21) PCT/GB97/03144

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 9623762.3 (32) **15 Nov/nov 1996 (15.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01B 9/02, G01D 5/26

(54) INTEGRATED INTERFEROMETER
INTERFEROMETRE INTEGRE

(71) **BOOKHAM TECHNOLOGY LIMITED** [GB/GB]; 90 Milton Park, Abingdon, Oxon. OX14 4RY (GB).

(72) **PECHSTEDT, Ralf–Dieter**; 39 Hiskins, Wantage, Oxon. OX12 9HU (GB). **McKENZIE, James, Stuart**; Flat 6, 67 The Greenway, Uxbridge, Middlesex UB8 2PL (GB). **LU, Yicheng**; 30 Larkdown, Wantage, Oxon. OX12 8HE (GB).

(74) **UNWIN, Stephen, Geoffrey**; S.G. Unwin & Co., Brookfurlong Farmhouse, Islip, Oxford OX5 2TJ (GB).

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

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(11) **WO 98/22776** (13) A1

(21) PCT/JP97/04124

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) ja (26) ja

(31) 8/327916 (32) **22 Nov/nov 1996 (22.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01B 11/06, G01N 21/45, A61B 5/10, 5/300

(54) INSTRUMENT AND METHOD FOR MEASURING LAMELLAR FINE STRUCTURE BY USING LOW INTERFERENCE OPTICAL INTERFEROMETRY
INSTRUMENT ET PROCEDE SERVANT A MESURER UNE STRUCTURE LAMELLAIRE FINE PAR INTERFEROMETRIE OPTIQUE A BASSE INTERFERENCE

(71) **KAO CORPORATION** [JP/JP]; 14–10, Nihonbashi Kayabacho 1–chome, Chuo–ku, Tokyo 103 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TSUGITA, Tetsuya** [JP/JP]; Kao Corporation, Research Laboratories, 1–3, Bunka 2–chome, Sumida–ku, Tokyo 131 (JP). **MINAMI, Koji** [JP/JP]; Kao Corporation, Research Laboratories, 1–3, Bunka 2–chome, Sumida–ku, Tokyo 131 (JP). **MINAMI, Takahide** [JP/JP]; Kao Corporation, Research Laboratories, 1–3, Bunka 2–chome, Sumida–ku, Tokyo 131 (JP).

(74) **TAJIME, Noboru** et al. / etc.; New–Well–Ikuta Building, Room 502, 26–28, Mita 1–chome, Tama–ku, Kawasaki–shi, Kanagawa 214 (JP).

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

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(11) **WO 98/22777** (13) A1

(21) PCT/US97/21106

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 60/031,410 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01B 11/14, A61B 5/00

(54) HEMOGLOBIN MEASUREMENT DEVICE
DISPOSITIF DE MESURE DE L'HEMOGLOBINE

(71) **BIOCHEM IMMUNOSYSTEMS INC.** [US/US]; 100 Cascade Drive, Allentown, PA 18103–9562 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PRESTON, Charles, R.** [US/US]; 236 Keystone Road, Quakertown, PA 18951 (US). **BOURDELLE, Peter, A.** [US/US]; 319 S. Fulton Street, Allentown Lehigh, PA 18103 (US). **WABER, Laverne** [US/US]; 130 North Main Street, Mary D., PA 17952 (US).

(74) **LAVORGNA, Gregory, J.**; Seidel, Gonda, Lavorgna & Monaco, P.C., Suite 1800, Two Penn Center Plaza, Philadelphia, PA 19102 (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 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 US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22778** (13) A1

(21) PCT/KR96/00203

(22) **15 Nov/nov 1996 (15.11.1996)**

(25) en (26) en

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01B 21/08

(54) APPARATUS FOR MEASURING THICKNESS AND METHOD THEREFOR
APPAREIL PERMETTANT DE MESURER UNE EPAISSEUR ET PROCEDE CORRESPONDANT

(71) **POHANG IRON & STEEL CO., LTD.** [KR/KR]; 1, Koedong–dong, Nam–ku, Pohang City, Kyongsangbook–do 790–300 (KR). **RESEARCH INSTITUTE OF INDUSTRIAL SCIENCE & TECHNOLOGY** [KR/KR]; San 32, Hyoja–dong, Nam–ku, Pohang City, Kyongsangbook–do 790–330 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEE, Eung, Suk** [KR/KR]; Research Institute of Industrial Science & Technology, San 32, Hyoja–dong, Nam–ku, Pohang City, Kyongsangbook–do 790–330 (KR). **PARK, Wan, Hee** [KR/KR]; Research Institute of Industrial Science & Technology, San 32, Hyoja–dong, Nam–ku, Pohang City, Kyongsangbook–do 790–330 (KR). **PARK, June, Ho** [KR/KR]; Research Institute of Industrial Science & Technology, San 32, Hyoja–dong, Nam–ku, Pohang City, Kyongsangbook–do 790–330 (KR). **JUNG, Seung, Bae** [KR/KR]; Research Institute of Industrial Science & Technology, San 32, Hyoja–dong, Nam–ku, Pohang City, Kyongsangbook–do 790–330 (KR).

(74) **CHUN, Choon, Hang**; Woonam Building, 9th floor, 824–22, Yeoksam–dong, Kangnam–ku, Seoul 135–080 (KR).

(81) DE JP US.

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(11) **WO 98/22779** (13) A2

(21) PCT/US97/19260

(22) **27 Oct/oct 1997 (27.10.1997)**

(25) en (26) en

(31) 08/741,464 (32) **31 Oct/oct 1996 (31.10.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01C 19/00

(54) BACKSCATTER ERROR REDUCER FOR INTERFEROMETRIC FIBER OPTIC GYROSCOPE
DISPOSITIF DE REDUCTION D'ERREURS DE RETRODIFFUSION DESTINE A UN GYROSCOPE A FIBRE OPTIQUE INTERFEROMETRIQUE

(71) **HONEYWELL INC.** [US/US]; Honeywell Plaza, Minneapolis, MN 55408 (US).

(72) **STRANDJORD, Lee, K.**; 35 Hillcrest Drive, Tonka Bay, MN 55331 (US). **SANDERS, Glen, A.**; 13359 North 101 Place, Scottsdale, AZ 85260 (US). **SZAFRANIEC, Bogdan**; 30639 No. 46th Place, Cave Creek, AZ 85331 (US). **BERGH, Ralph, A.**; Apartment 1135, 16220 No. 7th Street, Phoenix, AZ 85022 (US).

(74) **CARLSON, Brett, A.**; Honeywell Inc., Honeywell Plaza, MN12–8251, P.O. Box 524, Minneapolis, MN 55440–0524 (US).

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

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(11) **WO 98/22780** (13) A1

(21) PCT/US97/18953

(22) **23 Oct/oct 1997 (23.10.1997)**

(25) en (26) en

(31) 08/751,444 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01C 23/00, G05D 1/06

(54) METHOD AND APPARATUS FOR CONFORMAL RUNWAY ALIGNMENT ON A HEAD UP DISPLAY
PROCEDE D'ALIGNEMENT CONFORME AVEC LA PISTE SUR UN COLLIMATEUR DE PILOTAGE TETE HAUTE ET DISPOSITIF CORRESPONDANT

(71) **HONEYWELL INC.** [US/US]; Honeywell Plaza, Minneapolis, MN 55408 (US).

(72) **WILKENS, Dean, R.**; 5333 W. Kings Avenue, Glendale, AZ 85306 (US).

(74) **DOWNS, Brian**; Honeywell Inc., Honeywell Plaza – MN12–8251, P.O. Box 524, Minneapolis, MN 55440–0524 (US).

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

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(11) **WO 98/22781** (13) A1

(21) PCT/EP97/06462

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) de (26) de

(31) 196 47 897.9 (32) **20 Nov/nov 1996 (20.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01D 3/02, 18/00

(54) DEVICE FOR PIN ADJUSTING IN SENSORS
DISPOSITIF DE REGLAGE DE BROCHE POUR CAPTEURS

(71) **AB ELEKTRONIK GMBH** [DE/DE]; Klöcknerstrasse 4, D–59368 Werne (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILCZEK, Klaus** [DE/DE]; Lytham St. Annes Strasse 59, D–59368 Werne (DE). **TOPP, Volker** [DE/DE]; Robert Koch Strasse 11, D–59368 Werne (DE).

(74) **HOFFMEISTER, Helmut**; Goldstrasse 36, D–48147 Münster (DE).

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

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(11) **WO 98/22782** (13) A1

(21) PCT/US97/16879

(22) **23 Sep/sep 1997 (23.09.1997)**

(25) en (26) en

(31) 08/752,318 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01F 1/37

(54) FLOWMETER
DEBITMETRE

(71) **THE ROSAEN COMPANY** [US/US]; 1755 East Nine Mile Road, Hazel Park, MI 48030 (US).

(72) **SHAMBAYATI, Ali**; 310 West Palm Lane, Phoenix, AZ 85003 (US).

(74) **LYON, Lyman, R.**; Lyon, P.C., Suite 207, 3883 Telegraph Road, Bloomfield Hills, MI 48302–1476 (US).

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

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(11) **WO 98/22783** (13) A1

(21) PCT/CN97/00132

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) zh (26) zh

(31) 96 1 21029.X (32) **19 Nov/nov 1996 (19.11.1996)** (33) CN

(31) 97 2 29522.4 (32) **7 Nov/nov 1997 (07.11.1997)** (33) CN

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01F 1/74

(54) A DEVICE AND A METHOD OF MEASURING FLOW RATE FOR A THREE PHASE FLUID
DISPOSITIF ET PROCEDE POUR MESURER LE DEBIT POUR UN FLUIDE A TROIS PHASES

(71, 72) **DOU, Jianwen** [CN/CN]; 5/F Kunlun Hotel, 888 Nanchang Road, Lanzhou City, Gansu 730000 (CN).

(72, 75) **LIU, Guohua** [CN/CN]; Jianshelu, Kuerle City, Xinjiang 841000 (CN). **YAO, Huiquan** [CN/CN]; Jianshelu, Kuerle City, Xinjiang 841000 (CN). **XIAO, Qinxian** [CN/CN]; 888 Nanchang Road, Lanzhou City, Gansu 730000 (CN). **CHEN, Jige** [CN/CN]; 888 Nanchang Road, Lanzhou City, Gansu 730000 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22784** (13) A1

(21) PCT/DE97/02647

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) de (26) de

(31) 196 47 350.0 (32) **15 Nov/nov 1996 (15.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01F 7/00, 25/00, 1/684, 1/688, 1/704, 1/708

(54) METHOD AND DEVICE FOR THE SELF–COMPENSATING MEASUREMENT OF VOLUME FLOW RATE OF GASES
PROCEDE ET DISPOSITIF POUR LA MESURE AUTOCOMPENSEE DU DEBIT VOLUMETRIQUE DE GAZ

(71) **INVENT GMBH – ENTWICKLUNG NEUER TECHNOLOGIEN** [DE/DE]; Marloffsteiner Strasse 1, D–91080 Uttenreuth (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JOVANOVIC, Jovan** [YU/DE]; Anton–Bruckner–Strasse 8, D–91058 Erlangen (DE). **DURST, Franz** [DE/DE]; Eichenstrasse 12, D–91094 Langensendelbach (DE).

(74) **GASSNER, Wolfgang**; Nürnberger Strasse 69/71, D–91052 Erlangen (DE).

(81) CA CN JP US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22785** (13) A1

(21) PCT/FI97/00706

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 964637 (32) **20 Nov/nov 1996 (20.11.1996)** (33) FI

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01H 10/06, G01P 15/08, G10K 11/178

(54) SENSOR FOR MEASURING ACCELERATION AND SOUND PRESSURE
CAPTEUR PERMETTANT DE MESURER L'ACCELERATION AINSI QUE LA PRESSION SONIQUE

(71) **VTT** [FI/FI]; Vuorimiehentie 5, FIN–02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIRJAVAINEN, Kari** [FI/FI]; Kivenlahdenkatu 11 A, FIN–02320 Espoo (FI). **LEKKALA, Jukka** [FI/FI]; Liinaharjankatu 10, FIN–33730 Tampere (FI). **NYKÄNEN, Hannu** [FI/FI]; Timpurinkatu 3, FIN–33720 Tampere (FI). **UOSUKAINEN, Seppo** [FI/FI]; Lehmustie 1 B, FIN–00780 Helsinki (FI).

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

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

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(11) **WO 98/22786** (13) A1

(21) PCT/US97/18188

(22) **8 Oct/oct 1997 (08.10.1997)**

(25) en (26) en

(31) 08/754,761 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01H 11/08

(54) LOW–COST, DISPOSABLE, POLYMER–BASED, DIFFERENTIAL OUTPUT FLEXURE SENSOR AND METHOD OF FABRICATING SAME
DETECTEUR A FLEXION A SORTIE DIFFERENTIELLE, A BASE DE POLYMERE, DE FAIBLE COUT ET JETABLE, ET PROCEDE DE FABRICATION

(71) **FLOWSCAN, INC.** [US/US]; Suite B1, 147 Lomita Drive, Mill Valley, CA 94941 (US).

(72) **KASSAL, James, J.**; 83 Charter Oak Drive, East Lyme, CT 06333 (US).

(74) **KELMACHTER, Barry, L.**; Bachman & LaPointe, P.C., Suite 1201, 900 Chapel Street, New Haven, CT 06510–2802 (US).

(81) AU BR CA CN JP KR MX NO NZ SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22787** (13) A1

(21) PCT/EP97/06410

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) de (26) de

(31) 296 19 778.5 (32) **15 Nov/nov 1996** (33) DE **(15.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01K 7/01, G01L 9/08, 19/00

(54) PRESSURE AND TEMPERATURE SENSOR
CAPTEUR DE PRESSION ET DE TEMPERATURE

(71) **STEINEL AG** [CH/CH]; Allmeindstrasse 10, CH–8840 Einsiedeln (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STEINEL, Heinrich, Wolfgang** [DE/DE]; Obere Mühlstrasse 10, D–86825 Bad Wörishofen (DE). **NIER, Ekkehart** [DE/CH]; Stiefelgasse 5, CH–6417 Sattel (CH).

(74) **BEHRMANN, Niels** et al. / etc.; Heinrich–Weber–Platz 1, D–78224 Singen (DE).

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

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(11) **WO 98/22788** (13) A1

(21) PCT/US97/21298

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/753,036 (32) **19 Nov/nov 1996** (33) US **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01K 17/00, G01N 25/20

(54) CALORIMETRIC SYSTEM
SYSTEME CALORIMETRIQUE

(71) **IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC.** [US/US]; 310 Lab of Mechanics, Ames, IA 50011–2131 (US).

(72) **GSCHNEIDNER, Karl, A., Jr.**; 2216 Duff, Ames, IA 50010–4917 (US). **PECHARSKY, Vitalij, K.**; 2621 Queen Hills Drive, Ames, IA 50014–9118 (US). **MOORMAN, Jack, O.**; 127 Carroll Street, Boone, IA 50036 (US).

(74) **TIMMER, Edward, J.**; Walnut Woods Centre, 5955 West Main Street, Kalamazoo, MI 49009 (US).

(81) GB.

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(11) **WO 98/22789** (13) A1

(21) PCT/DE97/02721

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) de (26) de

(31) 296 20 236.3 (32) **21 Nov/nov 1996** (33) DE **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01M 17/007, 15/00

(54) HOUSING WITH A TESTING APPARATUS OR WITH AN INDICATOR AND CONTROL BOARD OF A TESTING APPARATUS
BOITIER ASSOCIE A UN APPAREIL DE CONTROLE OU A UN TABLEAU D'AFFICHAGE ET DE COMMANDE D'UN APPAREIL DE CONTROLE

(71) **DSA DATEN– UND SYSTEMTECHNIK GMBH** [DE/DE]; Pascalstrasse 28, D–52076 Aachen (DE).

(72) **MANSFELD, Jürgen**; Schmithofer Strasse 43, D–52076 Aachen (DE). **SCHULZ, Eckhard**; Schwinningstrasse 91, D–52076 Aachen (DE).

(74) **KÖNIG, Werner, E.**; Habsburgerallee 23–25, D–52064 Aachen (DE).

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

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(11) **WO 98/22790** (13) A1

(21) PCT/NO97/00307

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) no (26) en

(31) 964897 (32) **18 Nov/nov 1996** (33) NO **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01M 17/04

(54) A METHOD FOR TESTING OF A VEHICLE, AND A TEST APPARATUS ADAPTED FOR PERFORMING SUCH TESTING
TECHNIQUE POUR TESTER UN VEHICULE, ET DISPOSITIF DE TEST CONÇU POUR EFFECTUER LESDITS TESTS

(71, 72) **SNAPA, Bjørn, Steinar** [NO/NO]; Enebakkvn. 230B, N–1187 Oslo (NO).

(74) **NEERGAARD, Harald**; ABC–Patent, Siviling. Rolf Chr. B. Larsen a.s, Brynsveien 5, N–0667 Oslo (NO).

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

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(11) **WO 98/22791** (13) A2

(21) PCT/IL97/00362

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 119622 (32) **15 Nov/nov 1996** (33) IL **(15.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N

(54) STATISTICAL MAPPING OF THE PHYSIOLOGICAL STATE OF THE HEART OF A MAMMAL
CARTOGRAPHIE STATISTIQUE DU COEUR D'UN MAMMIFERE

(71) **CARDIOSOL LTD.** [IL/IL]; P.O. Box 7284, 78172 Ashkelon (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KLETSKIN, Solomon** [IL/IL]; Avnei Hachoshen Street 48/4, 98450 Ma'ale Adumim (IL).

(74) **BEN–DAVID, Yirmiyahu, M.**; Jeremy M. Ben–David & Co., P.O. Box 45087, Har Hotzvim Hi–Tech Park, 91450 Jerusalem (IL).

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

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(11) **WO 98/22792** (13) A2

(21) PCT/US97/19910

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 08/743,789 (32) **5 Nov/nov 1996** (33) US **(05.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N

(54) SCALABLE NON–CONTACT OPTICAL BACKSCATTER INSERTION PROBE
SONDE D'INSERTION ET DE RETRODIFFUSION OPTIQUE, SANS CONTACT ET POUVANT ETRE ECHELONNEE

(71) **KB SCIENCE AND ENGINEERING** [US/US]; 110 Cat Cay Lane, Indian Harbour Beach, FL 32937 (US).

(72) **BOSTATER, Charles, Jr.**; 110 Cat Cay Lane, Indian Harbour Beach, FL 32937 (US).

(74) **BERMAN, Paul, J.**; Covington & Burling, 1201 Pennsylvania Avenue, N.W., P.O. Box 7566, Washington, DC 20044 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22793** (13) A1

(21) PCT/GB97/03100

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 9623996.7 (32) **19 Nov/nov 1996** (33) GB **(19.11.1996)**

(31) 9626968.3 (32) **27 Dec/déc 1996** (33) GB **(27.12.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N 1/22, 1/40

(54) A CHEMICAL SENSING SYSTEM
SYSTEME DE DETECTION DE SUBSTANCES CHIMIQUES

(71) **IMCO (1097) LTD.** [GB/GB]; Hale Top House East, Thorley Lane, Manchester Airport M90 5UG (GB). **FARFIELD SENSORS LTD.** [GB/GB]; Hale Top House East, Thorley Lane, Manchester Airport M90 5UG (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FREEMAN, Neville, John** [GB/GB]; Keepers Cottage, Warmingham, Near Sandback, Cheshire CW11 3QP (GB).

(74) **JOHNSTONE, Helen, Margaret**; Urquhart–Dykes & Lord, Tower House, Merrion Way, Leeds LS2 8PA (GB).

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

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(11) **WO 98/22794** (13) A1

(21) PCT/JP97/04118

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) ja (26) ja

(31) 8/308090 (32) **19 Nov/nov 1996 (19.11.1996)** (33) JP

(31) 8/327262 (32) **6 Dec/déc 1996 (06.12.1996)** (33) JP

(31) 8/345389 (32) **25 Dec/déc 1996 (25.12.1996)** (33) JP

(31) 9/96167 (32) **14 Apr/avr 1997 (14.04.1997)** (33) JP

(31) 9/260180 (32) **25 Sep/sep 1997 (25.09.1997)** (33) JP

(31) 9/260182 (32) **25 Sep/sep 1997 (25.09.1997)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N 1/22, 31/00, 21/78

(54) GAS COLLECTING APPARATUS
DISPOSITIF SERVANT A RECUEILLIR UN GAZ

(71) **OBAYASHI CORPORATION** [JP/JP]; 4–33, Kitahamahigashi, Chuo–ku, Osaka–shi, Osaka 540 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAWACHI, Takeshi** [JP/JP]; 384, Koujiya, Tokorozawa–shi, Saitama 359 (JP). **MORIYA, Masahiro** [JP/JP]; 6–528–11, Nakazato, Kiyose–shi, Tokyo 204 (JP). **SATO, Yasue** [JP/JP]; 3–4–1, Tamagawa, Chofu–shi, Tokyo 182 (JP).

(74) **ISSHIKI, Kensuke** et al. / etc.; Rookin–Shinbashi Building 3F, 12–7, Shinbashi 2–chome, Minato–ku, Tokyo 105 (JP).

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

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(11) **WO 98/22795** (13) A1

(21) PCT/US97/21519

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 60/031,643 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(31) 60/050,215 (32) **19 Jun/juin 1997 (19.06.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N 5/04

(54) CHEMICAL MICROSENSORS FOR DETECTION OF EXPLOSIVES AND CHEMICAL WARFARE AGENTS
MICRODETECTEURS CHIMIQUES POUR DETECTION D'EXPLOSIFS ET D'ARMES CHIMIQUES

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; Business and Patent Law, Mail Stop D412, Los Alamos, NM 87545 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YANG, Xiaoguang** [US/US]; 801 Tiffany, Los Alamos, NM 87544 (US). **SWANSON, Basil, I.** [US/US]; 3463 Urban, Los Alamos, NM 87544 (US).

(74) **COTTRELL, Bruce, H.** et al. / etc.; Los Alamos National Laboratory, P.O. Box 1663, Mail Stop D412, Los Alamos, NM 87545 (US).

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

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(22) **13 Nov/nov 1997 (13.11.1997)**

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(31) 196 48 272.0 (32) **21 Nov/nov 1996 (21.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N 15/00

(54) PROCESS AND DEVICE FOR DETERMINING THE CELL DENSITY OF A HONEYCOMBED BODY, IN PARTICULAR FOR AN EXHAUST FUME CATALYTIC CONVERTER
PROCEDE ET DISPOSITIF POUR DETERMINER LA DENSITE DES CELLULES D'UN CORPS EN NID D'ABEILLES, NOTAMMENT POUR UN CATALYSEUR DE GAZ D'ECHAPPEMENT

(71) **EMITEC GESELLSCHAFT FÜR EMISSIONSTECHNOLOGIE MBH** [DE/DE]; Hauptstrasse 150, D–53797 Lohmar (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WIERES, Ludwig** [DE/DE]; Oppelner Strasse 2, D–51491 Overath (DE). **AOUAB, Abderrahim** [DE/DE]; Saseler Chaussee 72, D–22391 Hamburg (DE).

(74) **KAHLHÖFER, Hermann**; Bardehle, Pagenberg, Dost, Altenburg, Frohwitter, Geissler, Xantener Strasse 12, D–40474 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22797** (13) A1

(21) PCT/SE97/01923

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 9604259–3 (32) **20 Nov/nov 1996 (20.11.1996)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N 15/12, 1/38

(54) DILUTING AND MEASURING DEVICE FOR PARTICLE COUNTING
DISPOSITIF DE DILUTION ET DE MESURE POUR LE COMPTAGE DE PARTICULES

(71) **MEDONIC AB** [SE/SE]; Adolfsbergsvägen 13, S–168 66 Bromma (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERNDTSSON, Ingemar** [SE/SE]; Borevägen 9, S–191 43 Sollentuna (SE). **ANDERSSON, Tommy** [SE/SE]; Härjedalsgatan 20, S–162 66 Vällingby (SE). **BOTTEMA, Abraham** [NL/SE]; Stanganvägen 13, S–148 71 Sorunda (SE).

(74) **SÄFWENBERG, Björn** et al. / etc.; Axel Ehrners Patentbyrå AB, P.O. Box 10316, S–100 55 Stockholm (SE).

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

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(11) **WO 98/22798** (13) A2

(21) PCT/US97/21266

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 60/031,649 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N 15/14

(54) CONTAMINANT DETECTOR
DETECTEUR DE CONTAMINANT

(71) **THERAKOS, INC.** [US/US]; 437 Creamary Way, Exton, PA 19341 (US).

(72) **BRIGGS, Dennis**; 661 Spruce Drive, Westchester, PA 19382 (US).

(74) **CIAMPORCERO, Audley, A., Jr.** et al. / etc.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22799** (13) A2

(21) PCT/EP97/06443

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) de (26) de

(31) 96810807.6 (32) **18 Nov/nov 1996 (18.11.1996)** (33) EP

(34) DE et al. / etc.

(31) 96810808.4 (32) **18 Nov/nov 1996 (18.11.1996)** (33) EP

(34) DE et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N 21/00

(54) MEASUREMENT DEVICE AND ITS USE
DISPOSITIF DE MESURE ET SON UTILISATION

(71) **NOVARTIS AG** [CH/CH]; Schwarzwaldallee 215, CH–4058 Basel (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KRAUS, Gerolf** [DE/DE]; Kapellenweg 18, D–79415 Bad Bellingen (DE). **PAWLAK, Michael** [DE/DE]; Andelsbachstrasse 5, D–79725 Laufenburg (DE). **DUVENECK, Gert, Ludwig** [DE/DE]; Ezmattenweg 34, D–79189 Bad Krozingen (DE). **OROSZLAN, Peter** [HU/CH]; Delsbergerallee 11/3, CH–4053 Basel (CH). **HELG, Andreas** [CH/CH]; Kornfeldstrasse 12/EG, CH–4313 Möhlin (CH). **BRUNO, Alfredo, Emilio** [AR/CH]; Auf der Wacht 10B, CH–4104 Oberwil (CH).

(74) **ROTH, Bernhard, M.**; Novartis AG, Patent– und Markenabteilung, Lichtstrasse 35, CH–4002 Basel (CH).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22800** (13) A1

(21) PCT/US97/21245

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/752,695 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(31) 08/963,412 (32) **3 Nov/nov 1997 (03.11.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N 21/00, 31/22, 33/544, 33/538, 33/53, 33/567, 33/537, 33/543, C12M 1/00, C12N 1/00, 1/20

(54) HYBRID ONE–STEP IMMUNOCHROMATOGRAPHIC DEVICE AND METHOD OF USE
DISPOSITIF HYBRIDE D'IMMUNOCHROMATOGRAPHIE EN UNE ETAPE ET PROCEDE D'UTILISATION

(71) **WYNTEK DIAGNOSTICS, INC.** [US/US]; Suite 101, 6146 Nancy Ridge Drive, San Diego, CA 92121 (US).

(72) **REHG, Leslie**; 12650 D Springbrook Drive, San Diego, CA 92128 (US). **HUANG, Ching**; 635 Indigo Canyon Road, Chula Vista, CA 91911 (US). **WILLRODT, Michael, J.**; 157 Avocado Crest Lane, Escondido, CA 92025 (US). **CUNNINGHAM, Herbert, Bradfield**; 6535 Engineers Road, Julian, CA 92036 (US). **FAN, Eugene**; 7813 Esterel Drive, La Jolla, CA 92037 (US).

(74) **NORTON, Vicki, G.** et al. / etc.; Lyon & Lyon LLP, Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071–2066 (US).

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

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(11) **WO 98/22801** (13) A1

(21) PCT/US97/21307

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 60/031,717 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(31) 60/032,006 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N 21/00

(54) PHYSICAL PARAMETER MEASURING APPARATUS AND METHOD THEREOF
APPAREIL DE MESURE D'UN PARAMETRE PHYSIQUE ET PROCEDE ASSOCIE

(63) US 60/031,717 (CON) 22 Nov/nov 1996 (22.11.1996)
US 60/032,006 (CON) 22 Nov/nov 1996 (22.11.1996)

(71) **AUTOSPECT, INC.** [US/US]; 4750 Venture Drive, Ann Arbor, MI 48108 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WHITE, Jeffrey, S.** [US/US]; Apartment #9, 2104 Glencoe Hills Drive, Ann Arbor, MI 48108 (US). **LAPLANT, Frederick, P.** [US/US]; 213 Miller, Ann Arbor, MI 48104 (US). **DIXON, John, W.** [US/US]; Apartment #14, 1309 Huron River Drive, Ypsilanti, MI 48197 (US).

(74) **SYROWIK, David, R.** et al. / etc.; Brooks & Kushman, 22nd floor, 1000 Town Center, Southfield, MI 48075 (US).

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

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(11) **WO 98/22802** (13) A1

(21) PCT/DE97/02718

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) de (26) de

(31) 196 47 222.9 (32) **15 Nov/nov 1996 (15.11.1996)** (33) DE

(31) 197 30 826.0 (32) **18 Jul/juil 1997 (18.07.1997)** (33) DE

(31) 197 33 253.6 (32) **1 Aug/Août 1997 (01.08.1997)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N 21/03

(54) METHOD AND DEVICE FOR COMBINED ABSORPTION AND REFLECTANCE SPECTROSCOPY
PROCEDE ET DISPOSITIF DE SPECTROSCOPIE COMBINEE PAR ABSORPTION ET PAR REFLECTANCE

(71) **OPTOSENS OPTISCHE SPEKTROSKOPIE UND SENSORTECHNIK GMBH** [DE/DE]; Rudower Chaussee 5, im IGZ, D–12489 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MITTENZWEY, Klaus–Henrik** [DE/DE]; Finnländische Strasse 11/II, D–10439 Berlin (DE). **SINN, Gert** [DE/DE]; Fuldastrasse 26, D–12045 Berlin (DE).

(74) **OPTOSENS OPTISCHE SPEKTROSKOPIE UND SENSORTECHNIK GMBH**; Rudower Chaussee 5, im IGZ, D–12489 Berlin (DE).

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

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(31) 196 47 644.5 (32) **18 Nov/nov 1996 (18.11.1996)** (33) DE

(31) 296 22 495.2 (32) **27 Dec/déc 1996 (27.12.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N 21/05

(54) MICROMECHANICAL TRANSMISSION MEASURING CELL
CELLULE MICROMECANIQUE DE MESURE DE TRANSMISSION

(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) **WOIAS, Peter** [DE/DE]; Amselweg 10, D–81735 München (DE). **HILLERICH, Bernd** [DE/DE]; Burgunder Weg 9, D–89075 Ulm (DE).

(74) **SCHOPPE, Fritz**; Postfach 71 08 67, D–81458 München (DE).

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

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(22) **14 Nov/nov 1997 (14.11.1997)**

(25) ru (26) ru

(31) 96122087 (32) **15 Nov/nov 1996 (15.11.1996)** (33) RU

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N 21/19, C07H 21/00

(54) METHOD FOR DETECTING A BIOLOGICALLY ACTIVE SUBSTANCE IN A LIQUID TO BE ANALYSED AND DEVICE FOR REALISING THE SAME
METHODE ET DISPOSITIF DE DETECTION D'UNE SUBSTANCE BIOLOGIQUEMENT ACTIVE DANS UN LIQUIDE A ANALYSER

(71) **INSTITUT MOLEKULYARNOI BIOLOGII IMENI V.A.ENGELGARDTA ROSSIISKOI AKADEMII NAUK** [RU/RU]; ul. Vavilova, 32, Moscow, 117984 (RU). **INSTITUT SPEKTROSKOPII ROSSIISKOI AKADEMII NAUK** [RU/RU]; Troitsk, Moskovskaya obl., 142092 (RU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EVDOKIMOV, Jury Mikhailovich** [RU/RU]; ul. Graivoronovskaya, 10–1–23, Moscow, 109518 (RU). **SKURIDIN, Sergei Gennadievich** [RU/RU]; ul. Stroitelei, 11–1–17, Moscow, 117311 (RU). **CHERNUKHA, Boris Alexandrovich** [RU/RU]; ul. Mnevniki, 10–1–116, Moscow, 123308 (RU). **MIKHAILOV, Evgeny Leonidovich** [RU/RU]; Oktyabrsky pr., 8–83, Troitsk, Moskovskaya obl., 142092 (RU). **KOMPANETS, Oleg Nikolaevich** [RU/RU]; ul. Solnechnaya, 4–87, Troitsk, Moskovskaya obl., 142092 (RU). **ROMANOV, Sergei Nikolaevich** [RU/RU]; Sumskoi pr., 2–1–183, Moscow, 113208 (RU). **KOLOSOV, Vladimir Vasilievich** [RU/RU]; Oktyabrsky pr., 15–146, Troitsk, Moskovskaya obl., 142092 (RU).

(74) **"SOJUZPATENT"**; ul. Iliinka, 5/2, Moscow, 103735 (RU).

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

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(11) **WO 98/22805** (13) A1

(21) PCT/US97/20324

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 60/033,334 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(31) 08/898,604 (32) **22 Jul/juil 1997 (22.07.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N 21/25, 21/33, A61B 5/00

(54) MINIATURE SPECTROMETER
SPECTROMETRE MINIATURE

(71) **BOSTON SCIENTIFIC CORPORATION** [US/US]; One Boston Scientific Place, Natick, MA 01760–1537 (US).

(72) **CROWLEY, Robert, J.**; 64 Puritan Lane, Sudbury, MA 01776 (US).

(74) **CAPRARO, Joseph, A.**; Testa, Hurwitz & Thibeault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22806** (13) A1

(21) PCT/GB97/03176

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 9624035.3 (32) **19 Nov/nov 1996 (19.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N 21/35, 21/31

(54) INFRARED MEASURING GAUGES
APPAREILS DE MESURE A INFRAROUGE

(71) **INFRARED ENGINEERING LIMITED** [GB/GB]; Galliford Road, Maldon, Essex CM9 4XD (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FELLOWS, Timothy, Gordon** [GB/GB]; 82 Hythe Hill, Colchester, Essex CO1 2NH (GB).

(74) **HEDLEY, Nicholas, James, Matthew**; Stephenson Harwood, One St. Paul's Churchyard, London EC4M 8SH (GB).

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

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(11) **WO 98/22807** (13) A1

(21) PCT/GB97/03093

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 9624010.6 (32) **19 Nov/nov 1996 (19.11.1996)** (33) GB

(31) 9625484.2 (32) **7 Dec/déc 1996 (07.12.1996)** (33) GB

(31) 9705482.9 (32) **17 Mar/mar 1997 (17.03.1997)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N 21/45, G01B 9/02

(54) A CHEMICAL SENSOR
DETECTEUR CHIMIQUE

(71) **IMCO (1097) LTD.** [GB/GB]; Hale Top House East, Thorley Lane, Manchester Airport M90 5UG (GB). **FARFIELD SENSORS LTD.** [GB/GB]; Hale Top House East, Thorley Lane, Manchester Airport M90 5UG (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FREEMAN, Neville, John** [GB/GB]; Keepers Cottage, Warmingham, Sandback, Cheshire CW11 3QP (GB). **CROSS, Graham, Hugh** [GB/GB]; 25 Pierremont Road, Darlington DL3 6DG (GB).

(74) **JOHNSTONE, Helen, Margaret**; Urquhart–Dykes & Lord, Tower House, Merrion Way, Leeds LS2 8PA (GB).

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

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(11) **WO 98/22808** (13) A1

(21) PCT/GB97/03037

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 9623820.9 (32) **16 Nov/nov 1996 (16.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N 21/55

(54) ANALYTICAL APPARATUS
APPAREIL D'ANALYSE

(71) **THE SECRETARY OF STATE FOR DEFENCE** [GB/GB]; Defence Evaluation & Research Agency, Ively Road, Farnborough, Hampshire GU14 0LX (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PERKINS, Elaine, Ann** [GB/GB]; CBDE, Porton Down, Salisbury, Wiltshire SP4 0JQ (GB).

(74) **SKELTON, S., R.**; D/IPR, Formalities Section (Procurement Executive), Poplar 2, MOD Abbey Wood #19, Bristol BS34 8JH (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 HU ID IL 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22809** (13) A1

(21) PCT/US97/20961

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 60/031,120 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N 21/90, 27/66

(54) WATER CONTAINER INSPECTION
INSPECTION D'UN RECIPIENT DE STOCKAGE D'EAU

(71) **THERMEDICS DETECTION INC.** [US/US]; 220 Mill Road, Chelmsford, MA 01824 (US).

(72) **DUSSAULT, Daniel**; 19D Elm Street, Amesbury, MA 01913 (US). **FINE, David, H.**; 109 Lexington Road, Lincoln, MA 01773 (US). **ROUNBEHLER, David, P.**; Unit A–11 Scotty Hollow, Chelmsford, MA 01824 (US).

(74) **HAYDEN, John, F.**; Fish & Richardson P.C., 601 Thirteenth Street, N.W., Washington, DC 20005 (US).

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

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(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 60/031,375 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(31) 08/792,163 (32) **30 Jan/jan 1997 (30.01.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N 27/26, 27/447

(54) SOLID AND SEMI–SOLID BUFFER CONCENTRATES FOR ELECTROPHORESIS
CONCENTRES DE TAMPONS SOLIDES ET SEMI–SOLIDES D'ELECTROPHORESE

(71) **AMRESCO, INC.** [US/US]; 30175 Solon Industrial Parkway, Solon, OH 44139–4300 (US).

(72) **LISHKO, Valeryi, K.**; 175 Pheasant Run, Mayfield Heights, OH 44127 (US). **SMERDEL, Michael, E.**; 18220 Winslow, Shaker Heights, OH 44122 (US).

(74) **MAEBIUS, Stephen, B.** et al. / etc.; Foley & Lardner, Suite 500, 3000 K Street, N.W., Washington, DC 20007–5109 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22811** (13) A1

(21) PCT/US97/21024

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 60/031,406 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(31) Not furnished / non communiqué (32) **17 Nov/nov 1997 (17.11.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N 27/26, 31/00

(54) IMPROVED MICROFLUIDIC SYSTEMS
SYSTEMES MICROFLUIDIQUES AMELIORES

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

(71) **CALIPER TECHNOLOGIES CORPORATION** [US/US]; 1275 California Avenue, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PARCE, John, Wallace** [US/US]; 754 Los Robles Avenue, Palo Alto, CA 94304 (US). **KOPF–SILL, Anne, R.** [US/US]; 30 Minoca Road, Portola Valley, CA 94028 (US). **BOUSSE, Luc, J.** [US/US]; 311 Haight Street, Menlo Park, CA 94025 (US).

(74) **QUINE, Jonathan, A.** et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th floor, San Francisco, CA 94111 (US).

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

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(22) **27 Oct/oct 1997 (27.10.1997)**

(25) de (26) de

(31) 196 47 268.7 (32) **15 Nov/nov 1996 (15.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N 27/407

(54) SENSOR FOR DETERMINING THE CONCENTRATION OF OXIDIZABLE CONSTITUENTS IN A GAS MIXTURE
DETECTEUR POUR DETERMINER LA CONCENTRATION DE CONSTITUANTS OXYDABLES DANS UN MELANGE GAZEUX

(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) **KÖHLER, Thomas** [DE/DE]; Goslarer Strasse 58, D–70499 Stuttgart (DE). **SCHUMANN, Bernd** [DE/DE]; Daimlerstrasse 23, D–71277 Rutesheim (DE).

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

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(11) **WO 98/22813** (13) A1

(21) PCT/GB97/03195

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 9624212.8 (32) **21 Nov/nov 1996 (21.11.1996)** (33) GB

(31) 9714244.2 (32) **7 Jul/juil 1997 (07.07.1997)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N 27/44

(54) pH ALTERING DEVICE AND METHOD
DISPOSITIF ET PROCEDE D'ALTERATION DU PH

(71) **M SQUARED TECHNOLOGY LIMITED** [GB/GB]; Dart Marine Park, Steamer Quay Road, Totnes, Devon TQ9 5AL (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MEREDITH, Douglas, William** [GB/GB]; 25 Southbourne Drive, Bourne End, Buckinghamshire SL8 5RY (GB). **GIBBS, Trevor, Kim** [GB/GB]; Orchard House, Talaton, Devon EX5 2RJ (GB). **CADE, Nigel, John** [GB/GB]; Roselands, 57 Sturcombe Avenue, Paignton, Devon TQ4 7TD (GB). **BARNEY, John, Anthony** [GB/GB]; 13 Melbourne Street, Plymouth, Devon PL1 5HQ (GB).

(74) **CURTIS, Philip, Anthony** et al. / etc.; A.A. Thornton & Co., Northumberland House, 303–306 High Holborn, London WC1V 7LE (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22814** (13) A1

(21) PCT/US97/21308

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 60/031,717 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(31) 60/032,006 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N 29/08, 29/10

(54) METHOD AND SYSTEM FOR PROCESSING MEASUREMENT SIGNALS TO OBTAIN A VALUE FOR A PHYSICAL PARAMETER
PROCEDE ET SYSTEME DE TRAITEMENT DE SIGNAUX DE MESURE POUR L'OBTENTION D'UNE VALEUR CONCERNANT UN PARAMETRE PHYSIQUE

(63) US 60/031,717 (CON) 22 Nov/nov 1996 (22.11.1996)
US 60/032,006 (CON) 22 Nov/nov 1996 (22.11.1996)

(71) **AUTOSPECT, INC.** [US/US]; 4750 Venture Drive, Ann Arbor, MI 48108 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DIXON, John, W.** [US/US]; Apartment #14, 1309 Huron River Drive, Ypsilanti, MI 48197 (US). **WHITE, Jeffrey, S.** [US/US]; Apartment #9, 2104 Glencoe Hills Drive, Ann Arbor, MI 48108 (US). **LAPLANT, Frederick, P.** [US/US]; 213 Miller, Ann Arbor, MI 48104 (US).

(74) **SYROWIK, David, R.** et al. / etc.; Brooks & Kushman, 22nd floor, 1000 Town Center, Southfield, MI 48075 (US).

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

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(11) **WO 98/22815** (13) A1

(21) PCT/GB97/03101

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 9624011.4 (32) **19 Nov/nov 1996 (19.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N 33/00

(54) SYSTEM WITH A PLURALITY OF CHEMICAL SENSORS
SYSTEME EQUIPE DE PLUSIEURS DETECTEURS CHIMIQUES

(71) **IMCO (1097) LTD.** [GB/GB]; Hale Top House East, Thorley Lane, Manchester Airport M90 5UG (GB). **FARFIELD SENSORS LTD.** [GB/GB]; Hale Top House East, Thorley Lane, Manchester Airport M90 5UG (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FREEMAN, Neville, John** [GB/GB]; Keepers Cottage, Warmingham, Sandback, Cheshire CW11 3QP (GB).

(74) **JOHNSTONE, Helen, Margaret**; Urquhart–Dykes & Lord, Tower House, Merrion Way, Leeds LS2 8PA (GB).

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

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(11) **WO 98/22816** (13) A1

(21) PCT/GB97/03207

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 19648441.3 (32) **22 Nov/nov 1996 (22.11.1996)** (33) EP

(34) DE et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N 33/18, B01L 3/00, G01N 33/00, 35/00

(54) APPARATUS FOR THE ANALYSIS OF LIQUID AND GASEOUS MEDIA
APPAREIL PERMETTANT D'ANALYSER DES MILIEUX LIQUIDES ET GAZEUX

(71) **ABB KENT–TAYLOR LIMITED** [GB/GB]; Oldends Lane, Stonehouse, Gloucestershire GL10 3TA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KEEPING, Sean** [GB/GB]; 59 Kimberley Road, West Croydon, Surrey CR0 2PY (GB). **BINZ, Dieter** [DE/DE]; Oldenwald Strasse 1, D–69198 Schriesheim (DE). **VOGEL, Albrecht** [DE/DE]; Marchen Strasse 32b, D–76297 Stutensee (DE).

(74) **RITTER, Stephen, David**; Mathys & Squire, 100 Grays Inn Road, London WC1X 8AL (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22817** (13) A1

(21) PCT/US97/20493

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 08/746,885 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N 33/18, 31/00, 21/75

(54) LIQUID SAMPLE CARBON ANALYZER
ANALYSEUR DE CARBONE POUR ECHANTILLONS DE LIQUIDES

(71) **TEKMAR COMPANY** [US/US]; 7143 East Kemper Road, Cincinnati, OH 45249 (US).

(72) **PURCELL, Michael, W.**; Apartment E, 8221 Russet Lane, Mainville, OH 45039 (US). **YANG, Sheng, Sheng**; 6 Carpenter Boulevard, Marshallville, OH 44645–9764 (US). **MARTIN, John, Trifone**; 124 Speading Oaks Drive, Scotts Valley, CA 95066 (US). **RECKNER, Richard, R.**; 10391 Old Colerain Avenue, Cincinnati, OH 45251 (US). **HARRIS, Jeffrey, L.**; 1011 Apricot Lane, Hollister, CA 95023 (US).

(74) **KELLY, Joseph, R.** et al. / etc.; Westman, Champlin & Kelly, P.A., International Centre, Suite 1600, 900 Second Avenue South, Minneapolis, MN 55402–3319 (US).

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

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(11) **WO 98/22818** (13) A1

(21) PCT/US97/19084

(22) **17 Oct/oct 1997 (17.10.1997)**

(25) en (26) en

(31) 08/749,603 (32) **18 Nov/nov 1996** (33) US **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N 33/28, F01M 11/10, F16N 29/04

(54) METHOD FOR DETERMINING A REMAINING LIFE OF ENGINE OIL
PROCEDE D'EVALUATION DE LA DUREE DE VIE RESTANTE D'UNE HUILE DE MOTEUR

(71) **CATERPILLAR INC.** [US/US]; 100 N.E. Adams Street, Peoria, IL 61629–6490 (US).

(72) **SCHRICKER, David, R.**; P.O. Box 78, Dunlap, IL 61525–0078 (US).

(74) **MASTERSON, David, M.** et al. / etc.; 100 N.E. Adams Street, Peoria, IL 61629–6490 (US).

(81) AT AU BR CA CH CN CZ DE ES FI GB JP KR MX NO NZ RO RU SE SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22819** (13) A1

(21) PCT/EP97/06285

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) de (26) de

(31) 196 47 525.2 (32) **16 Nov/nov 1996** (33) DE **(16.11.1996)**

(31) 197 12 309.0 (32) **24 Mar/mar 1997** (33) DE **(24.03.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N 33/487, 21/76, 33/483, C12M 1/34

(54) ARRAY OF MICROELEMENTS, METHOD OF CONTACTING CELLS IN A LIQUID ENVIRONMENT AND METHOD FOR THE PRODUCTION OF AN ARRAY OF MICROELEMENTS
SYSTEME DE MICROELEMENTS, PROCEDE DE MISE EN CONTACT DE CELLULES SITUEES DANS UN ENVIRONNEMENT LIQUIDE ET PROCEDE PERMETTANT DE REALISER UN SYSTEME DE MICROELEMENTS

(71) **NMI NATURWISSENSCHAFTLICHES UND MEDIZINISCHES INSTITUT AN DER UNIVERSITÄT TÜBINGEN IN REUTLINGEN STIFTUNG BÜRGERLICHEN RECHTS** [DE/DE]; Markwiesenstrasse 55, D–72770 Reutlingen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NISCH, Wilfried** [DE/DE]; Bismarckstrasse 20, D–72072 Tübingen (DE). **STETT, Alfred** [DE/DE]; Kniebisstrasse 40, D–72768 Reutlingen (DE). **EGERT, Ulrich** [DE/DE]; Am Galgenbühl 1, D–72770 Reutlingen (DE). **STELZLE, Martin** [DE/DE]; Adolf–Damaschke–Strasse 47, D–72770 Reutlingen (DE).

(74) **WITTE, Alexander** et al. / etc.; Rotebühlstrasse 121, D–70179 Stuttgart (DE).

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

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(21) PCT/US97/21118

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 08/749,366 (32) **21 Nov/nov 1996** (33) US **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N 33/52, 33/66

(54) DETECTION OF BIOLOGICAL MOLECULES USING BORONATE–BASED CHEMICAL AMPLIFICATION AND OPTICAL SENSORS
DETECTION DE MOLECULES BIOLOGIQUES PAR AMPLIFICATION CHIMIQUE A BASE DE BORONATE ET PAR CAPTEURS OPTIQUES

(71) **LAWRENCE LIVERMORE NATIONAL LABORATORY** [US/US]; 7000 East Avenue, MS L–709, Livermore, CA 94550 (US). **MINIMED, INC.** [US/US]; 12744 San Fernando Road, Sylmar, CA 91342 (US).

(72) **VAN ANTWERP, William, Peter**; 24101 West Del Monte #418, Valencia, CA 91355 (US). **MASTROTOTORO, John, Joseph**; 1235 Brockton Avenue #106, Los Angeles, CA 90025 (US). **LANE, Stephen, M.**; 735 Stratford Road, Oakland, CA 94568 (US). **SATCHER, Joe, H.**; 3909 Drakeshire Drive, Modesto, CA 95356 (US). **DARROW, Christopher, B.**; 744 Mockingbird Lane, Pleasanton, CA 94566 (US). **PEYSER, Thomas, A.**; 2030 Gordon Avenue, Menlo Park, CA 94025 (US). **HARDER, Jennifer**; 1148 Murdell Lane, Livermore, CA 94550 (US).

(74) **SMITH, William, M.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22821** (13) A1

(21) PCT/US97/20954

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(25) en (26) en

(31) 60/031,661 (32) **21 Nov/nov 1996** (33) US **(21.11.1996)**

(31) 60/035,461 (32) **14 Jan/jan 1997** (33) US **(14.01.1997)**

(31) 9702822.9 (32) **12 Feb/fév 1997** (33) GB **(12.02.1997)**

(31) 9705856.4 (32) **21 Mar/mar 1997** (33) GB **(21.03.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N 33/53, 33/567

(54) DETECTION OF ANTAGONIST–DEPENDENT GPIIb/IIIa RECEPTOR ANTIBODIES
DETECTION D'ANTICORPS DE RECEPTEUR GPIIa/IIIb DEPENDANT D'ANTAGONISTES

(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) **BEDNAR, Bohumil** [CZ/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). **GOULD, Robert, J.** [CA/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).

(74) **MERCK & CO., INC.**; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).

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

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(11) **WO 98/22822** (13) A1

(21) PCT/US97/21515

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/754,723 (32) **21 Nov/nov 1996** (33) US **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N 33/53, C12Q 1/28

(54) PHOTOGRAPHIC COLOR COUPLERS USED AS CYTOCHEMICAL CONTRAST MARKERS
COUPLEURS PHOTOGRAPHIQUES UTILISES COMME PRODUITS DE CONTRASTE CYTOCHIMIQUES

(71) **APPLIED IMAGING CORPORATION** [US/US]; Building B, 2380 Walsh Avenue, Santa Clara, CA 95051 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAUNDERS, Alexander, Michael** [CA/US]; 8 Trillium Lane, San Carlos, CA 94070 (US). **LIN, Emily** [CN/US]; 930 J Kiely Boulevard, Santa Clara, CA 95051 (US). **GODECKE, Cameron** [US/US]; 959 Addison Avenue, Palo Alto, CA 94301 (US).

(74) **APPLE, Randolph, T.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111–3834 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22823** (13) A1

(21) PCT/JP97/04117

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) ja (26) ja

(31) 8/305033 (32) **15 Nov/nov 1996** (33) JP **(15.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N 33/543

(54) WELLED PLATE FOR IMMUNOLOGICAL ANALYSIS
PLAQUE POUR ANALYSE IMMUNOLOGIQUE COMPORTANT DES CUPULES

(71) **DAINABOT CO., LTD.** [JP/JP]; Roppongi First Building, 9–9, Roppongi 1–chome, Minato–ku, Tokyo 106 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOBAYASHI, Eiji** [JP/JP]; Dainabot Co., Ltd., Research and Development Center, 344 Minoridai, Matsudo–shi, Chiba–ken 271 (JP). **TAKEDA, Katsumichi** [JP/JP]; Dainabot Co., Ltd., Research and Development Center, 344 Minoridai, Matsudo–shi, Chiba–ken 271 (JP).

(74) **KAWAGUCHI, Yoshio** et al. / etc.; Yamada Building, 1–14, Shinjuku 1–chome, Shinjuku–ku, Tokyo 160 (JP).

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

(11) **WO 98/22824** (13) A1

(21) PCT/IL97/00377

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 60/031,030 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N 33/558

(54) IMMUNOCHROMATOGRAPHY TEST STRIPS
BANDES D'ESSAI D'IMMUNO–CHROMATOGRAPHIE

(71, 72) **ZER, Avraham** [IL/IL]; Arazim Street 5, 90805 Mevasseret Zion (IL). **ZER, Tamar** [IL/IL]; Arazim Street 5, 90805 Mevasseret Zion (IL).

(74) **HACKMEY, Michal**; A.E. Mulford, P.O. Box 544, 91004 Jerusalem (IL).

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

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(31) 08/755,232 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(31) 08/755,240 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(31) 08/755,287 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(31) 08/755,412 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(31) 08/755,413 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(31) 08/755,414 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(31) 08/755,415 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01N 33/574, 33/569, 33/574

(54) A WHOLE BLOOD/MITOGEN ASSAY FOR THE EARLY DETECTION OF A SUBJECT WITH CANCER AND KIT
PROCEDE ET TROUSSE DE DOSAGE DU SANG ENTIER ET DU FACTEUR MITOGENE SERVANT A EFFECTUER LA DETECTION PRECOCE DU CANCER CHEZ UN SUJET

(71) **SHILOOV MEDICAL TECHNOLOGIES LTD.** [IL/IL]; Science Park, Kiryat Wietzman, P.O. Box 2218, 76121 Rehovot (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JEHUDA COHEN, Tamar** [IL/IL]; Moshav Gamso 81, 73130 D.N. Hamerkaz (IL).

(74) **REINHOLD COHN AND PARTNERS**; P.O. Box 4060, 61040 Tel Aviv (IL).

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

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(11) **WO 98/22826** (13) A1

(21) PCT/IB97/01435

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/752,887 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01P 3/489

(54) A DIGITAL TACHOMETER
TACHYMETRE NUMERIQUE

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

(71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **THIELE, Kevin, James**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **SWEET, Douglas, W.**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **DE HAAS, Laurens, J.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

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

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(11) **WO 98/22827** (13) A1

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(22) **18 Nov/nov 1997 (18.11.1997)**

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(31) 08/752,570 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01P 9/04

(54) GUARD BANDS FOR TUNING FORK GYROSCOPES
BANDES DE GARDE POUR GYROSCOPES A DIAPASON

(71) **THE CHARLES STARK DRAPER LABORATORY, INC.** [US/US]; 555 Technology Square, Cambridge, MA 02139–3563 (US).

(72) **WEINBERG, Marc, S.**; 119 Broad Meadows Road, Needham, MA 02192 (US). **PINSON, John, C.**; 5069 Crescent Drive, Anaheim, CA 92807 (US).

(74) **GAGNEBIN, Charles, L., III** et al. / etc.; Weingarten, Schurgin, Gagnebin & Hayes LLP, Ten Post Office Square, Boston, MA 02109 (US).

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

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(11) **WO 98/22828** (13) A1

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(31) 96/14073 (32) **19 Nov/nov 1996 (19.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01R 31/08

(54) DEVICE AND METHOD FOR ANALYSING FAULTS ON NETWORKS
DISPOSITIF ET PROCEDE D'ANALYSE DE DEFAUTS SUR DES RESEAUX

(71) **ANPICO** [FR/FR]; 82, rue de Quesnoy, F–59236 Frelinghien (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PODVIN, Hubert** [FR/FR]; 17, rue de la Plaine, F–59280 Bois–Grenier (FR).

(74) **MARTIN, Jean–Jacques** et al. / etc.; Cabinet Regimbeau, 26, avenue Kléber, F–75116 Paris (FR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22829** (13) A1

(21) PCT/JP97/04130

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) ja (26) ja

(31) 8/304933 (32) **15 Nov/nov 1996 (15.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01R 31/319

(54) INTEGRATED CIRCUIT DEVICE TESTER
TESTEUR DE DISPOSITIF A CIRCUIT INTEGRE

(71) **ADVANTEST CORPORATION** [JP/JP]; 32–1, Asahicho 1–chome, Nerima–ku, Tokyo 179 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OKAYASU, Toshiyuki** [JP/JP]; 32–7, Midori 1–chome, Kurihashimachi, Kitakatsushika–gun, Saitama 349–11 (JP).

(74) **KUSANO, Takashi** et al. / etc.; Sagami Building, 2–21, Shinjuku 4–chome, Shinjuku–ku, Tokyo 160 (JP).

(81) CN DE GB KR SG US.

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(11) **WO 98/22830** (13) A2

(21) PCT/IB97/01418

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 96203228.0 (32) **21 Nov/nov 1996 (21.11.1996)** (33) EP

(34) NL et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01R 31/36, H01M 10/48

(54) BATTERY MANAGEMENT SYSTEM AND BATTERY SIMULATOR
SYSTEME DE GESTION DE BATTERIE ET SIMULATEUR DE BATTERIE

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

(71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **NOTTEN, Petrus, Henricus, Laurentius**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **BERGVELD, Hendrik, Johannes**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **KRUIJT, Wanda, Susanne**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **KOPPEN, Jan**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

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

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(11) **WO 98/22831** (13) A1

(21) PCT/US97/21119

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 60/031,655 (32) **19 Nov/nov 1996** (33) US **(19.11.1996)**

(31) 08/835,037 (32) **27 Mar/mar 1997** (33) US **(27.03.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01S 3/02, H04N 7/100, 5/222, 5/225, G08G 1/123

(54) HAND–HELD GPS–MAPPING DEVICE
DISPOSITIF GPS PORTATIF DE CARTOGRAPHIE

(63) US 08/835,037 (CON)
27 Mar/mar 1997 (27.03.1997)

(71) **AMERICAN NAVIGATION SYSTEMS, INC.** [US/US]; 115 West Main Street, Millbury, MA 01527 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BACKMAN, Douglas, J.** [US/US]; 3 Glenwood Road, Southborough, MA 01772 (US). **ROE, Gene, V.** [US/US]; 14 Bear Hill Road, Henniker, NH 03242 (US). **DEFALCO, Frank, D.** [US/US]; 80 Salisbury Street, Worcester, MA 01609 (US). **MICHALSON, William, R.** [US/US]; 26 Denfield Road, Charlton, MA 01507 (US).

(74) **BLODGETT, Gerry, A.** et al. / etc.; 43 Highland Street, Worcester, MA 01609 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22832** (13) A1

(21) PCT/GB97/02910

(22) **21 Oct/oct 1997 (21.10.1997)**

(25) en (26) en

(31) 9623911.6 (32) **18 Nov/nov 1996** (33) GB **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01S 3/78, G02B 27/01

(54) IMPROVEMENTS IN OR RELATING TO AN ORIENTATION DETECTOR ARRANGEMENT
AMELIORATIONS RELATIVES A UN AGENCEMENT DE DETECTEUR D'ORIENTATION

(71) **ARMSTRONG HEALTHCARE LIMITED** [GB/GB]; Riverlock House, Spring Gardens, High Wycombe, Buckinghamshire HP13 6EQ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HARWOOD, Adrian, Douglas** [GB/GB]; 4 Cedar Court, Totteridge Road, High Wycombe HP13 6DN (GB).

(74) **FRANKLAND, N., H.**; Forrester Ketley & Co., Forrester House, 52 Bounds Green Road, London N11 2EY (GB).

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

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(11) **WO 98/22833** (13) A1

(21) PCT/US97/22075

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/752,326 (32) **19 Nov/nov 1996** (33) US **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01S 3/784

(54) FIBER OPTIC GUIDANCE SYSTEM FOR LASER GUIDED MISSILES
SYSTEME DE GUIDAGE PAR FIBRES OPTIQUES POUR MISSILES GUIDES PAR LASER

(71) **TRACOR AEROSPACE, INC.** [US/US]; 6500 Tracor Lane, Austin, TX 78725–2006 (US).

(72) **NICHOLSON, James, E.**; 614 Lallah Street, Pineville, LA 71360 (US).

(74) **VAN SLYKE, Paul, C.** et al. / etc.; Liddell, Sapp, Zivley, Hill & LaBoon, L.L.P., Suite 2600, 600 Travis, Houston, TX 77002–3095 (US).

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

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(11) **WO 98/22834** (13) A1

(21) PCT/US96/19267

(22) **22 Nov/nov 1996 (22.11.1996)**

(25) en (26) en

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01S 13/95, 13/93, 13/90

(54) INTEGRATED PRECISION APPROACH RADAR DISPLAY
DISPOSITIF D'AFFICHAGE INTEGRE POUR RADAR D'APPROCHE DE PRECISION

(71) **ITT MANUFACTURING ENTERPRISES, INC.** [US/US]; Suite 1217, 1105 North Market Street, Wilmington, DE 19801 (US).

(72) **REITAN, Edwin, Howard, Jr.**; 530 North 86 Street, Omaha, NE 68114 (US).

(74) **FREILICH, Arthur**; Freilich, Hornbaker & Rosen, Suite 840, 10960 Wilshire Boulevard, Los Angeles, CA 90024 (US).

(81) AL AU BB BG BR CA CN CZ EE GE HU IL IS JP KP KR LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TR TT UA UZ VN; AP (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22835** (13) A1

(21) PCT/GB97/03039

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 9623945.4 (32) **15 Nov/nov 1996** (33) GB **(15.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01V 1/36, 1/30

(54) DETECTION OF GROUND ROLL CONE
DETECTION D'UN CONE D'ONDE PARASITE DE SURFACE

(71) **GECO–PRAKLA (UK) LIMITED** [GB/GB]; Schlumberger House, Buckingham Gate, Gatwick, West Sussex RH6 0NZ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAETEN, Guido, Josef, Maria** [NL/GB]; 37 Caledonian House, Barnfield Road, Crawley, West Sussex RH10 2DN (GB). **LEMENAGER, Erwann** [FR/GB]; 132 Oxley Close, London SE1 5HP (GB).

(74) **STOOLE, Brian, D.**; Geco–Prakla Technical Services Inc., Schlumberger House, Buckingham Gate, Gatwick, West Sussex RH6 0NZ (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22836** (13) A1

(21) PCT/SE97/01821

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) sv (26) en

(31) 9603988–8 (32) **1 Nov/nov 1996** (33) SE **(01.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G01V 3/08, G01L 1/14, B60R 21/32

(54) DEVICE FOR PRESENCE DETECTION
SYSTEME DE DETECTION DE PRESENCE

(71) **SCANDMEC AB** [SE/SE]; P.O. Box 504, S–565 28 Mullsjö (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERGVALL, Bengt–Allan** [SE/SE]; Blåvingevägen 1, S–561 48 Huskvarna (SE).

(74) **GRAUDUMS, Valdis** et al. / etc.; Albihn West AB, P.O. Box 142, S–401 22 Göteborg (SE).

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

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(11) **WO 98/22837** (13) A1

(21) PCT/US97/21082

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 8/307821 (32) **19 Nov/nov 1996** (33) JP **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G02B 5/128

(54) RECTROREFLECTIVE SHEET
FEUILLES REFLECHISSANTES

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133–3427 (US).

(72) **MORI, Yutaka**; P.O. Box 33427, Saint Paul, MN 55133–3427 (US).

(74) **CLEVELAND, David, R.** et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133–3427 (US).

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

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(11) **WO 98/22838** (13) A1

(21) PCT/US97/20924

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 08/754,148 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G02B 5/18

(54) OPTICAL MODULATOR AND SYSTEM HAVING TUNABLE IMAGE ENHANCEMENT
MODULATEUR OPTIQUE ET SYSTEME PERMETTANT UNE AMELIORATION D'IMAGE ACCORDABLE

(71, 72) **KELLY, Shawn, L.** [US/US]; 8479 Pine Cove Drive, Commerce Township, MI 48382 (US).

(74) **LYON, Lyman, R.**; Lyon, P.C., Suite 207, 3883 Telegraph Road, Bloomfield Hills, MI 48302–1476 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22839** (13) A1

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(22) **17 Nov/nov 1997 (17.11.1997)**

(25) ja (26) ja

(31) 8/311818 (32) **22 Nov/nov 1996 (22.11.1996)** (33) JP

(31) 8/313734 (32) **25 Nov/nov 1996 (25.11.1996)** (33) JP

(31) 9/131234 (32) **21 May/mai 1997 (21.05.1997)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G02B 5/30, G02F 1/1335, B29C 41/24, 47/00 // B29L 7:00

(54) PHASE DIFFERENCE FILM AND ITS MANUFACTURING METHOD
FILM DE DEPHASAGE ET SON PROCEDE DE FABRICATION

(71) **SEKISUI CHEMICAL CO., LTD.** [JP/JP]; 4–4, Nishitemma 2–chome, Kita–ku, Osaka–shi, Osaka 530 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIURA, Akihisa** [JP/JP]; Sekisui Chemical Co., Ltd., 2–2, Kamichoshi–cho, Kamitoba, Minami–ku, Kyoto–shi, Kyoto 601 (JP). **OKADA, Yasumasa** [JP/JP]; Sekisui Chemical Co., Ltd., 2–2, Kamichoshi–cho, Kamitoba, Minami–ku, Kyoto–shi, Kyoto 601 (JP). **TSUBOI, Kotaro** [JP/JP]; Sekisui Chemical Co., Ltd., 2–2, Kamichoshi–cho, Kamitoba, Minami–ku, Kyoto–shi, Kyoto 601 (JP). **KOBAYASHI, Hitoshi** [JP/JP]; Sekisui Chemical Co., Ltd., 3535 Kurohama, Hasuda–shi, Saitama 349–01 (JP). **ABE, Hiroyuki** [JP/JP]; Sekisui Chemical Co., Ltd., 2–2, Kamichoshi–cho, Kamitoba, Minami–ku, Kyoto–shi, Kyoto 601 (JP). **UENOMACHI, Kiyomi** [JP/JP]; Sekisui Chemical Co., Ltd., 2–2, Kamichoshi–cho, Kamitoba, Minami–ku, Kyoto–shi, Kyoto 601 (JP).

(74) **MIYAZAKI, Chikara** et al. / etc.; Nishimura Building, 6–5, Tanimachi 1–chome, Chuo–ku, Osaka–shi, Osaka 540 (JP).

(81) CN KR US.

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(11) **WO 98/22840** (13) A1

(21) PCT/EP97/06309

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) de (26) de

(31) 196 48 025.6 (32) **20 Nov/nov 1996 (20.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G02B 6/38, 21/33

(54) IMMERSION FLUIDS AND GELS FOR OPTICAL CONNECTORS AND MECHANICAL SPLICES OF OPTICAL FIBRES AND A METHOD FOR THE PRODUCTION THEREOF
LIQUIDES ET GELS D'IMMERSION POUR CONNECTEURS OPTIQUES ET EPISSURES MECANIQUES DE FIBRES OPTIQUES ET PROCEDE PERMETTANT DE LES PRODUIRE

(71) **DEUTSCHE TELEKOM AG** [DE/DE]; Friedrich–Ebert–Allee 140, D–53113 Bonn (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HEITMANN, Walter** [DE/DE]; Freiherr–vom–Stein–Strasse 41, D–64401 Gross–Bieberau (DE).

(81) CA CZ HU NO PL SK US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22841** (13) A1

(21) PCT/EP97/06399

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) MI96A002410 (32) **19 Nov/nov 1996 (19.11.1996)** (33) IT

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G02B 6/42, 6/30

(54) PROCESS TO CREATE THE COUPLING IN AN OPTOELECTRONIC DEVICE BETWEEN AN OPTICAL FIBER AND A WAVEGUIDE AND DEVICE OBTAINED FROM THIS PROCESS
PROCEDE POUR REALISER LE COUPLAGE ENTRE UNE FIBRE OPTIQUE ET UN GUIDE D'ONDE DANS UN DISPOSITIF OPTO–ELECTRONIQUE, ET DISPOSITIF OBTENU PAR LEDIT PROCEDE

(71) **ITALTEL S.P.A.** [IT/IT]; Piazzale Zavattari, 12, I–20149 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DONEDA, Sergio** [IT/IT]; Corco Nave Corriera, 8, I–25055 Pisonie (IT).

(74) **GIUSTINI, Delio**; Italtel S.p.A., Cascina Castelletto, I–20019 Settimo Milanese (IT).

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

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(11) **WO 98/22842** (13) A1

(21) PCT/GB97/03157

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 9624142.7 (32) **20 Nov/nov 1996 (20.11.1996)** (33) GB

(31) 9723355.5 (32) **5 Nov/nov 1997 (05.11.1997)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G02B 6/44

(54) OPTICAL FIBRE ORGANIZER
DISPOSITIF D'ORGANISATION DES FIBRES OPTIQUES

(71) **N.V. RAYCHEM S.A.** [BE/BE]; Diestsesteenweg 692, B–3010 Kessel–Lo (BE).
(only for / seulement pour AT AU BE BR CA CH CN CZ DE DK ES FI FR GB GR ID IE IL IT JP KR LU MC MX NL NO PL PT RO RU SE TR UA)

(71) **RAYCHEM LIMITED** [GB/GB]; IPLD, Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB).
(only for / seulement pour MG)

(72, 75) **MACKEN, Luk** [BE/BE]; Kortrijksestraat 20, B–3010 Kessel–Lo (BE). **DAEMS, Daniel** [BE/BE]; De Dreef van Zonnebos 10, B–2970 'S–Gravenwezel (BE). **GRAULUS, Hendrik** [BE/BE]; Groenstraat 69, B–3020 Veltem–Beisem (BE). **GYSEMANS, Astrid** [BE/BE]; Leuvensebaan 264, B–3220 Holsbeek (BE). **VERNIMMEN, Michel** [BE/BE]; Middenlaan 7, B–3971 Leopoldsburg (BE). **MENDES, Luiz, Neves** [BE/BE]; Anonciadelaan 11, B–3130 Begijnendijk (BE).

(74) **CLAYTON, Anthony, Nicholas** et al. / etc.; Raychem Limited, IPLD, Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB).

(81) AU BR CA CN CZ ID IL JP KR MG MX NO PL RO RU TR UA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22843** (13) A1

(21) PCT/JP96/03394

(22) **20 Nov/nov 1996 (20.11.1996)**

(25) ja (26) ja

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G02B 21/00, 23/00

(54) UNIT FOR OPTICAL DEVICE, AND OPTICAL DEVICE
UNITE POUR DISPOSITIF OPTIQUE ET DISPOSITIF OPTIQUE

(71) **HIFUMI KOGAKU KIKAI KABUSHIKI KAISHA** [JP/JP]; 14–16, Nakaitabashi, Itabashi–ku, Tokyo 173 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ISHIKAWA, Masuya** [JP/JP]; Hifumi Kogaku Kikai Kabushiki Kaisha, 14–16, Nakaitabashi, Itabashi–ku, Tokyo 173 (JP).

(74) **KABASAWA, Joo** et al. / etc.; NSO Building, 1–22, Shinjuku 3–chome, Shinjuku–ku, Tokyo 160 (JP).

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

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(11) **WO 98/22844** (13) A1

(21) PCT/JP97/04201

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) ja (26) ja

(31) 8/307667 (32) **19 Nov/nov 1996 (19.11.1996)** (33) JP

(31) 8/313215 (32) **25 Nov/nov 1996 (25.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G02B 27/02, G09F 9/00, H04N 5/64, G02B 13/18

(54) DISPLAY
AFFICHAGE

(71) **SONY CORPORATION** [JP/JP]; 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KAWAMURA, Akira** [JP/JP]; Sony Corporation, 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141 (JP). **MATSUI, Takeshi** [JP/JP]; Sony Corporation, 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141 (JP). **HASHIMOTO, Shunichi** [JP/JP]; Sony Corporation, 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141 (JP). **TANAKA, Yoshinori** [JP/JP]; Sony Corporation, 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141 (JP). **NAKATSUE, Takehiro** [JP/JP]; Sony Corporation, 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141 (JP).

(74) **SUGIURA, Masatomo**; 25 Sankyo Building, Room 420, 48–10, Higashi Ikebukuro 1–chome, Toshima–ku, Tokyo 170 (JP).

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

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(11) **WO 98/22845** (13) A1

(21) PCT/US97/19645

(22) **28 Oct/oct 1997 (28.10.1997)**

(25) en (26) en

(31) 08/753,299 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G02B 27/09, 6/26, 6/28, 23/26

(54) METHOD FOR COUPLING LIGHT FROM SINGLE FIBEROPTIC TO A MULTI–FIBER BUNDLE WITH ENHANCED FIELD UNIFORMITY AND BETTER COUPLING EFFICIENCY
PROCEDE DE COUPLAGE OPTIQUE DE FIBRE OPTIQUE SIMPLE A FAISCEAU MULTIFIBRE AMELIORANT L'UNIFORMITE DE CHAMP ET LE RENDEMENT DU COUPLAGE

(71) **COGENT LIGHT TECHNOLOGIES, INC.** [US/US]; 26145 West Technology Drive, Santa Clarita, CA 91355 (US).

(72) **CHINGFA, Chen**; 1516 Glenmere Street, West Covina, CA 91790 (US). **LI, Kenneth, K.**; 217 Laurel Avenue, Arcadia, CA 91006 (US). **BRENNER, Douglas, M.**; 733 Malcolm Avenue, Los Angeles, CA 90024 (US).

(74) **REPPER, George, R.** et al. / etc.; Rothwell, Figg, Ernst & Kurz, Suite 701 East, 555 13th Street N.W., Washington, DC 20004 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22846** (13) A1

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(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 08/754,923 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G02B 27/10, 26/08, 26/02

(54) VARIABLE BEAM SPLITTER
SEPARATEUR DE FAISCEAUX VARIABLE

(71, 72) **KELLY, Shawn, L.** [US/US]; 8479 Pine Cove Drive, Commerce Township, MI 48382 (US).

(74) **LYON, Lyman, R.**; Lyon, P.C., Suite 207, 3883 Telegraph Road, Bloomfield Hills, MI 48302–1476 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22847** (13) A2

(21) PCT/US97/20928

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 08/749,995 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G02C

(54) OPHTHALMIC NO–LINE PROGRESSIVE ADDITION LENSES
VERRES OPHTALMIQUES A ADDITION PROGRESSIVE SANS LIGNE

(71, 72) **RODDY, Kenneth, C.** [US/US]; 131 East 119th Street South, Jenks, OK 74037 (US).

(74) **RODDY, Craig, W.**; 3232 Pondridge Drive, Chickasha, OK 73018 (US).

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

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(11) **WO 98/22848** (13) A1

(21) PCT/US97/20264

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 08/749,995 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G02C 7/04, 7/06

(54) OPHTHALMIC NO–LINE PROGRESSIVE ADDITION LENSES
VERRES OPHTALMIQUES A ADDITION PROGRESSIVE SANS LIGNE

(71, 72) **RODDY, Kenneth, C.** [US/US]; 131 East 119th Street South, Jenks, OK 74037 (US).

(74) **RODDY, Craig, W.**; 3232 Pondridge Drive, Chickasha, OK 73018 (US).

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

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(11) **WO 98/22849** (13) A1

(21) PCT/US97/21452

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/755,168 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G02F 1/1335

(54) BACKLIGHTS FOR COLOR LIQUID CRYSTAL DISPLAYS
DISPOSITIFS DE RETRO–ECLAIRAGE POUR ECRANS COULEUR A CRISTAUX LIQUIDES

(71) **SI DIAMOND TECHNOLOGY, INC.** [US/US]; 12100–A Technology Boulevard, Austin, TX 78727 (US).

(72) **KUMAR, Nalin**; 890 Village Shore Drive, Canyon Lake, TX 78133 (US). **YANIV, Zvi**; 2270 E. Hammond, Bloomfield Hills, MI 48302 (US).

(74) **KORDZIK, Kelly, K.** et al. / etc.; Winstead Sechrest & Minick P.C., Suite 5400, 1201 Elm Street, Dallas, TX 75270–2199 (US).

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

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(11) **WO 98/22850** (13) A1

(21) PCT/KR97/00163

(22) **1 Sep/sep 1997 (01.09.1997)**

(25) en (26) en

(31) 1996/56561 (32) **22 Nov/nov 1996 (22.11.1996)** (33) KR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G03B 11/00

(54) FILTER ASSEMBLY OF CAMERA
ENSEMBLE FILTRE POUR APPAREIL DE PRISE DE VUES

(71, 72) **AN, Sung, Kyun** [KR/KR]; 355–101, Jukong Apartment, 20–9, Banpo–dong, Seocho–ku, Seoul 137–040 (KR).

(74) **PARK, Hee, Jin** et al. / etc.; 401, Miele Haus Building, 607–10, Yoksam–dong, Kangnam–ku, Seoul 135–080 (KR).

(81) AL AM AT AU AZ BB BG BR BY CA CH CZ DE DK EE ES FI GB GE HU IL IS KE KG KP 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 UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22851** (13) A1

(21) PCT/JP97/04176

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) ja (26) ja

(31) 8/308380 (32) **19 Nov/nov 1996 (19.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G03F 1/14, H01L 21/027

(54) PELLICLE
MEMBRANE

(71) **MITSUI CHEMICALS, INC.** [JP/JP]; 2–5, Kasumigaseki 3–chome, Chiyoda–ku, Tokyo 100 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **NAKAYAMA, Norio** [JP/JP]; Mitsui Chemicals, Inc., 1–2, Waki 6–chome, Wakicho, Kuga–gun, Yamaguchi–ken 740 (JP).

(74) **SUZUKI, Ikuo**; Atagoyama Bengoshi Building, Room 806, 6–7, Atago 1–chome, Minato–ku, Tokyo 105 (JP).

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

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(11) **WO 98/22852** (13) A1

(21) PCT/US97/21127

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 60/031,336 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G03F 7/09, B41N 3/08

(54) PROTECTIVE OVERCOAT USEFUL FOR ENHANCING THE RESISTANCE OF A PRINTING PLATE PRECURSOR TO AMBIENT HUMIDITY
COUCHE PROTECTRICE UTILE POUR AMELIORER LA RESISTANCE D'UN PRECURSEUR DE PLAQUE D'IMPRESSION A L'HUMIDITE AMBIANTE

(71) **POLAROID CORPORATION** [US/US]; 549 Technology Square, Cambridge, MA 02139–3589 (US).

(72) **BI, Daoshen**; 7 Brookside Lane, Burlington, MA 1803 (US). **HARDIN, John, M.**; 17 Grovenor Road #5, Jamaica Plain, MA 02130 (US).

(74) **DE LUNA, Renato, M.**; Polaroid Corporation, 549 Technology Square, Cambridge, MA 02139–3589 (US).

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

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(11) **WO 98/22853** (13) A1

(21) PCT/GB97/03128

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 9624224.3 (32) **21 Nov/nov 1996 (21.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G03F 7/105, B41N 3/03

(54) PLANOGRAPHIC PRINTING
IMPRESSION A PLAT

(71) **HORSELL GRAPHIC INDUSTRIES LIMITED** [GB/GB]; Howley Park Estate, Morley, Leeds LS27 0QT (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **JOLLIFFE, Barry** [GB/GB]; 31 Northern Lane, Widnes, Cheshire WA8 5PQ (GB).

(74) **BRIERLEY, Anthony, Paul** et al. / etc.; Appleyard Lees, 15 Clare Road, Halifax HX1 2HY (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22854** (13) A2

(21) PCT/RU97/00347

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) ru (26) ru

(31) 96122078 (32) **21 Nov/nov 1996 (21.11.1996)** (33) RU

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G04B

(54) DEVICE FOR DETERMINING THE TIME
DISPOSITIF POUR DETERMINER L'HEURE

(71, 72) **PAVLOVA, Inga Albertovna** [RU/RU]; Gazetny per, 1/12–53, Moscow, 103009 (RU).

(81) AL AM AU BG BR CA CN CZ EE FI GE HU IS JP KE KG KP KR LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO SD SG SI SK TR TT US VN; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22855** (13) A1

(21) PCT/NL97/00639

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) nl (26) en

(31) 1004584 (32) **21 Nov/nov 1996 (21.11.1996)** (33) NL

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G04B 19/00

(54) COMBINATION OF PLANTS FOR TELLING THE TIME
COMBINAISON DE PLANTES POUVANT ETRE UTILISEE AFIN D'INDIQUER L'HEURE

(71) **INVENTION PROMOTION B.V.** [NL/NL]; Paasheuvelweg 50, NL–1105 BJ Amsterdam Z.O. (NL). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **URSEM, Willibrordus, Nicolaas, Johannes** [NL/NL]; Waterweg 162, NL–3731 HR De Bilt (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 GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22856** (13) A1

(21) PCT/DE97/02691

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) de (26) de

(31) 296 20 081.6 (32) **19 Nov/nov 1996 (19.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G04B 45/00, G04D 3/00, G04B 19/04, 19/12, 39/00

(54) WATCH
MONTRE

(71, 72) **KRAFT, Anton** [DE/DE]; Gewerbepark D30, D–93059 Regensburg (DE).

(74) **BECK, Alexander**; Brose + Brose, Postfach 1164, D–82301 Starnberg (DE).

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

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(11) **WO 98/22857** (13) A1

(21) PCT/US97/22531

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/752,587 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G05B 15/00

(54) METHOD FOR CONTROLLING DEVICES, A DEVICE CONTROLLER AND A CONVEYING SYSTEM
PROCEDE PERMETTANT DE COMMANDER DES APPAREILS, ORGANE DE COMMANDE D'APPAREILS ET SYSTEME D'ACHEMINEMENT

(71) **QUANTUM CONVEYOR SYSTEMS, INC.** [US/US]; 119 Rockland Avenue, Northvale, NJ 07647 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LEM, Hans, J.** [US/US]; 963 Pines Terrace, Franklin Lakes, NJ 07417 (US). **BOWMAN, Richard, J.** [US/US]; 37 Scarlet Oak Road, Levittown, PA 19056 (US).

(74) **DALEY, William, J., Jr.** 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22858** (13) A1

(21) PCT/US97/20863

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/746,872 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G05D 1/08

(54) AIRCRAFT TURN GUIDANCE SYSTEM
SYSTEME DE GUIDAGE DE VIRAGE D'AERONEFS

(71) **TRIMBLE NAVIGATION LIMITED** [US/US]; 585 North Mary Avenue, Sunnyvale, CA 94086 (US).

(72) **NELSON, Robert, L., Jr.**; 10605 Denell Circle, Austin, TX 78753–4012 (US).

(74) **SOBRINO, Maria, E.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025–1026 (US).

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

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(11) **WO 98/22859** (13) A2

(21) PCT/GB97/03173

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 9624193.0 (32) **21 Nov/nov 1996 (21.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06C 9/00

(54) FRAUDULENT SIGNATURE DETECTOR
DETECTEUR DE SIGNATURE FRAUDULEUSE

(71, 72) **BULLIVANT, Nicholas, Turville** [GB/GB]; Box Bush, Uppper Redbrook, Monmouthshire NP5 4LU (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22860** (13) A2

(21) PCT/US97/20431

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 60/030,771 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F

(54) COMPUTER AIDED INSPECTION MACHINE
MACHINE DE CONTROLE ASSISTEE PAR ORDINATEUR

(71, 72) **BUCKLEY, B., Shawn** [US/US]; 7067 Via Blanca, San Jose, CA 95139 (US).

(72, 75) **CHEN, Jihong** [–/CN]; N.C. Institute, Huazhong University of Science and Tech., Wuhan, Hubei 430074 (CN). **YANG, Dao, Shan** [–/CN]; N.C. Institute, Huazhong University of Science and Tech., Wuhan, Hubei 430074 (CN). **ZHOU, Hui, Cheng** [–/CN]; N.C. Institute, Huazhong University of Science and Tech., Wuhan, Hubei 430074 (CN).

(74) **PERSSON, Michael, J.**; Law Offices of William B. Ritchie, 72 North Main Street, Concord, NH 03301 (US).

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

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(11) **WO 98/22861** (13) A2

(21) PCT/US97/20805

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/752,940 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F

(54) PROGRAMMABLE CIRCUIT ASSEMBLY FOR HIGH BANDWIDTH DATA PROCESSING
MONTAGE DE CIRCUITS PROGRAMMABLE DESTINE A UN TRAITEMENT DE DONNEES A GRANDE LARGEUR DE BANDE

(71) **TSI TELSYS INC.** [US/US]; 7100 Columbia Gateway Drive, Columbia, MD 21046 (US).

(72) **BENNETT, Toby, D.**; 3418 Purdue Street, Hyattsville, MD 20783 (US). **BISHOP, James, W.**; 10506 Forest Gate Place, Glendale, MD 20769 (US). **DAVIS, Donald, J.**; 8130 Equestrian Drive, Severn, MD 21144 (US). **HARRIS, Jonathan, C.**; 1133 Simsbury Court, Crofton, MD 21114 (US).

(74) **BURDETT, James, R.** et al. / etc.; Venable, Baetjer, Howard & Civiletti, LLP, Suite 1000, 1201 New York Avenue, N.S., Washington, DC 20005 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22862** (13) A1

(21) PCT/FR97/02034

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) fr (26) fr

(31) 96/13951 (32) **15 Nov/nov 1996 (15.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 1/00

(54) METHOD FOR ENSURING SECURITY AND CONTROL OF ACCESS TO DATA FROM A COMPUTER PLATFORM PROVIDED WITH A MICRO–COMPUTER
PROCEDE DE SECURISATION ET DE CONTROLE D'ACCES A DES INFORMATIONS A PARTIR D'UNE PLATE–FORME INFORMATIQUE EQUIPEE D'UN MICRO–ORDINATEUR

(71) **ADVANCED PC TECHNOLOGIES (APCT)** [FR/FR]; 33, avenue de la République, F–75011 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TRUONG, André** [FR/FR]; 2, allée des Pins, F–78350 Jouy–en–Josas (FR). **FERRY, Jean–Christophe** [FR/FR]; 21, rue de la Vanoise, F–78170 Montigny–le–Bretonneux (FR). **MICHEL, Gilles** [FR/FR]; 10, allée Georges Pompidou, F–92320 Châtillon (FR).

(74) **CABINET ORES**; 6, avenue de Messine, F–75008 Paris (FR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22863** (13) A1

(21) PCT/JP97/04253

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) ja (26) ja

(31) 8/310380 (32) **21 Nov/nov 1996 (21.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 1/04

(54) LOW–POWER PROCESSOR
PROCESSEUR A FAIBLE CONSOMMATION D'ENERGIE

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4–chome, Chiyoda–ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TOTSUKA, Yonetaro** [JP/JP]; Hitachi Daiyonkyoshinryo B205, 14–6, Nishikoigakubo 4–chome, Kokubunji–shi, Tokyo 185 (JP). **ISHIBASHI, Koichiro** [JP/JP]; 7–6, Minamicho 3–chome, Warabi–shi, Saitama 335 (JP). **MIZUNO, Hiroyuki** [JP/JP]; 8–1–87, Nishikoigakubo 3–chome, Kokubunji–shi, Tokyo 185 (JP). **NISHII, Osamu** [JP/JP]; 1630–6, Momura, Inagi–shi, Tokyo 206 (JP). **UCHIYAMA, Kunio** [JP/JP]; Gadenhaitsu Kodaira 1–1106, 445–1, Ogawacho 1–chome, Kodaira–shi, Tokyo 187 (JP). **SHIMURA, Takanori** [JP/JP]; 430, Makuharicho 5–chome, Hanamigawa–ku, Chiba–shi, Chiba 262 (JP). **SEKINE, Asako** [JP/JP]; Hitachi Koyasudaiapato E–204, 32, Koyasumachi 2–chome, Hachioji–shi, Tokyo 192 (JP). **KATSUKI, Yoichi** [JP/JP]; Sanraizusashida 102, 9–32, Tanakacho 1–chome, Akishima–shi, Tokyo 196 (JP). **NARITA, Susumu** [JP/JP]; 21–70, Higashitokura 1–chome, Kokubunji–shi, Tokyo 185 (JP).

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

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

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(11) **WO 98/22864** (13) A1

(21) PCT/US96/18421

(22) **18 Nov/nov 1996 (18.11.1996)**

(25) en (26) en

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 3/00

(54) COMPUTER EDUCATION AND EXECUTION INTERFACE OPERABLE OVER A NETWORK

INTERFACE DE FORMATION INFORMATIQUE ET D'EXECUTION FONCTIONNANT SUR RESEAU

(63) US 08/541,221 (CIP) 12 Oct/oct 1995 (12.10.1995)

(71, 72) **MANN, S., Edward, II** [US/US]; 11020 Huebner Oaks #1136, San Antonio, TX 78230 (US). **MILLIOT, Frederick** [FR/FR]; 18, rue P. De Coubertin, F–91330 Yerres (FR).

(74) **SMITH, Kevin, L.** et al. / etc.; Crutsinger & Booth, Suite 1950, 1601 Elm Street, Dallas, TX 75201–4744 (US).

(81) AL AM AT AU AZ 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 LK LR 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 (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22865** (13) A1

(21) PCT/US96/18477

(22) **18 Nov/nov 1996 (18.11.1996)**

(25) en (26) en

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 3/00, 7/00

(54) COMPUTER TUTORIAL AND EXECUTION INTERFACE OPERABLE OVER NETWORK CONNECTION
INTERFACE DE FORMATION INFORMATIQUE ET D'EXECUTION FONCTIONNANT PAR L'INTERMEDIAIRE D'UNE CONNEXION AVEC LE RESEAU

(63) US 08/541,221 (CIP) 12 Oct/oct 1995 (12.10.1995)

(71, 72) **MANN, S., Edward, II** [US/US]; 11020 Huebner Oaks #1136, San Antonio, TX 78230 (US). **MILLIOT, Frederick** [FR/FR]; 18, rue P. de Coubertin, F–91330 Yerres (FR).

(74) **SMITH, Kevin, L.** et al. / etc.; Crutsinger & Booth, Suite 1950, 1601 Elm Street, Dallas, TX 75201–4744 (US).

(81) AL AM AT AU AZ 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 LK LR 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 (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(21) PCT/FR97/02111

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) fr (26) fr

(31) 96/14314 (32) **22 Nov/nov 1996 (22.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 3/023, 3/033

(54) CD–ROM INTERFACE
INTERFACE POUR CEDEROMS

(71, 72) **CHEVALIER, Miguel** [FR/FR]; 230, rue Saint Charles, F–75015 Paris (FR). **JEANTET, Philippe** [FR/FR]; 230, rue Saint Charles, F–75015 Paris (FR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 8/311067 (32) **21 Nov/nov 1996 (21.11.1996)** (33) JP

(31) 8/348168 (32) **26 Dec/déc 1996 (26.12.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 3/033, G02F 1/1333

(54) INPUT DEVICE, LIQUID CRYSTAL DEVICE, AND ELECTRONIC EQUIPMENT USING THE LIQUID CRYSTAL DEVICE
DISPOSITIF D'ENTREE, DISPOSITIF A CRISTAUX LIQUIDES ET MATERIEL ELECTRONIQUE UTILISANT LEDIT DISPOSITIF A CRISTAUX LIQUIDES

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4–1, Nishi–shinjuku 2–chome, Shinjuku–ku, Tokyo 163 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HINATA, Shoji** [JP/JP]; Seiko Epson Corporation, 3–5, Owa 3–chome, Suwa–shi, Nagano–ken 392 (JP).

(74) **SUZUKI, Kisaburo** et al. / etc.; Seiko Epson Corporation, 4–1, Nishi–shinjuku 2–chome, Shinjuku–ku, Tokyo 163 (JP).

(81) CN JP KR US.

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(11) **WO 98/22868** (13) A1

(21) PCT/IB97/01342

(22) **27 Oct/oct 1997 (27.10.1997)**

(25) en (26) en

(31) 08/752,864 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 3/06, H04N 7/173

(54) DATA BUFFERING SYSTEM FOR PLURAL DATA MEMORY ARRAYS
SYSTEME DE TAMPON DE DONNEES POUR PLUSIEURS RESEAUX DE MEMOIRE DE DONNEES

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

(71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **LUCHT, Philips, Harrison**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **GROENENDAAL, Antonius, W., M.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

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

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(11) **WO 98/22869** (13) A1

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(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 08/754,912 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 3/06

(54) IDE/ATA CD DRIVE CONTROLLER
CONTROLEUR D'UNITE DE DISQUE COMPACT DE TYPE IDE/ATA

(71) **OAK TECHNOLOGY, INC.** [US/US]; 139 Kifer Court, Sunnyvale, CA 94086 (US).

(72) **VERINSKY, Phillip**; 1425 Lupton Avenue, San Jose, CA 95125 (US). **CASE, Michael**; 825 E. Evelyn Avenue #451, Sunnyvale, CA 94086 (US). **WEDDLE, GeneSTEWART, BernardFEI, Zong, ZhaoMILLSAPS, ChrisCHOW, Kuen**

(74) **CASERZA, Steven, F.** et al. / etc.; Flehr, Hohbach, Test, Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111–4187 (US).

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

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(11) **WO 98/22870** (13) A1

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(22) **20 Nov/nov 1997 (20.11.1997)**

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(31) 08/755,545 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 7/38, 7/52

(54) MULTIPLIER FOR PERFORMING 3D GRAPHICS INTERPOLATIONS
MULTIPLICATEUR PERMETTANT DE REALISER DES INTERPOLATIONS GRAPHIQUES 3D

(71) **S3 INCORPORATED** [US/US]; 2801 Mission College Boulevard, Santa Clara, CA 95052–8058 (US).

(72) **BLOMGREN, James, S.**; 97 East St. James Street #51, San Jose, CA 95112 (US).

(74) **SUEOKA, Greg, T.** et al. / etc.; Fenwick & West LLP, Suite 700, Two Palo Alto Square, Palo Alto, CA 94306 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 08/752,021 (32) **19 Nov/nov 1996** (33) US **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 7/52, 7/544

(54) INTEGRATED PRE–ADDER FOR A MULTIPLIER
PRE–ADDITIONNEUR INTEGRE POUR UN MULTIPLICATEUR

(71) **AUDIOLOGIC HEARING SYSTEMS, L.P.** [US/US]; 4870 Sterling Drive, Boulder, CO 80301 (US).

(72) **MELANSON, John, Laurence**; 7973 Sagebrush Court, Boulder, CO 80301 (US). **MOELLER, Finn, Thoeger**; Mariendalsvej 50G, DK–2000 Frederiksberg (DK).

(74) **BALES, Jennifer, L.** et al. / etc.; Suite 110, 2769 Iris Avenue, Boulder, CO 80304 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22872** (13) A1

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(22) **27 Oct/oct 1997 (27.10.1997)**

(25) en (26) en

(31) 96203205.8 (32) **15 Nov/nov 1996** (33) EP **(15.11.1996)**

(34) AT et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 9/30, 1/32

(54) DATA PROCESSING CIRCUIT WITH A SELF–TIMED INSTRUCTION EXECUTION UNIT
CIRCUIT DE TRAITEMENT DE DONNEES COMPORTANT UNE UNITE D'EXECUTION D'INSTRUCTIONS A SYNCHRONISATION AUTOMATIQUE

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

(71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **GLOOR, Daniel**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **GRADENWITZ, Paul, Georg, Mechion**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **STEGMANN, Gerhard**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **BAUMANN, Daniel**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **DE HAAS, Laurens, J.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

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

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(11) **WO 98/22873** (13) A1

(21) PCT/US97/21048

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 08/752,691 (32) **19 Nov/nov 1996** (33) US **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 9/38

(54) BRANCH PREDICTION MECHANISM EMPLOYING BRANCH SELECTORS TO SELECT A BRANCH PREDICTION
DISPOSITIF D'ANTICIPATION DE SAUT UTILISANT DES SELECTEURS DE SAUTS POUR SELECTIONNER UNE ANTICIPATION DE SAUT

(71) **ADVANCED MICRO DEVICES, INC.** [US/US]; One AMD Place, P.O. Box 3453, Sunnyvale, CA 94088 (US).

(72) **TRAN, Thang, M.**; 5209 Eagle Trace Trail, Austin, TX 78730 (US).

(74) **KIVLIN, B., Noël**; Conley, Rose & Tayon, P.C., P.O. Box 3267, Houston, TX 77253–3267 (US).

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

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(11) **WO 98/22874** (13) A1

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(25) en (26) en

(31) 08/754,481 (32) **22 Nov/nov 1996** (33) US **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 9/46, 12/10

(54) SHARED MEMORY COMPUTER NETWORKS
SYSTEME DE RESEAU D'ORDINATEURS A MEMOIRE PARTAGEE

(71) **MANGOSOFT CORPORATION** [US/US]; Suite 190, 1500 West Park Drive, Westborough, MA 01581 (US).

(72) **CARTER, John, B.**; 414 South Douglas Street, Salt Lake City, UT 84102 (US). **DAVIS, Scott, H.**; 136 Riverbend Road, Groton, MA 01450 (US). **ABRAHAM, William**; 15 Galway Road, Windham, NH 03087 (US). **FRANK, Steven, J.**; 6 Tiffany Trail, Hopkinton, MA 01748 (US). **HANSEN, Thomas, G.**; 16 Stone Hedge Drive, Leominster, MA 01453 (US). **PHILLIPS, Robert, S.**; 5 Sherman Street, P.O. Box 601, Brookfield, MA 01506 (US). **DIETTERICH, Daniel, J.**; 4 Cedar Terrace, Acton, MA 01720 (US). **PORTER, David**; 2 Uplands Road, Littleton, MA 01460 (US).

(74) **LANZA, John, D.**; Testa, Hurwitz & Thibeault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 08/749,352 (32) **21 Nov/nov 1996** (33) US **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 11/00, 13/00

(54) METHOD AND APPARATUS FOR AUTOMATED NETWORK–WIDE SURVEILLANCE AND SECURITY BREACH INTERVENTION
PROCEDE ET APPAREIL DE SURVEILLANCE AUTOMATISEE A L'ECHELLE D'UN RESEAU ET D'INTERVENTION EN CAS D'ATTEINTE A LA SECURITE

(71) **COMPUTER ASSOCIATES INTERNATIONAL, INC.** [US/US]; One Computer Associates Plaza, Islandia, NY 11788–7000 (US).

(72) **ESBENSEN, Daniel**; 2657 Mo'Olio Place, Kihei, HI 96753 (US).

(74) **DIAMOND, Jay, H.**; Computer Associates International, Inc., One Computer Associates Plaza, Islandia, NY 11788–7000 (US).

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

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(11) **WO 98/22876** (13) A1

(21) PCT/US97/21734

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/754,481 (32) **22 Nov/nov 1996** (33) US **(22.11.1996)**

(31) 08/827,534 (32) **28 Mar/mar 1997** (33) US **(28.03.1997)**

(31) 08/848,967 (32) **2 May/mai 1997** (33) US **(02.05.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 11/14, 17/30

(54) SYSTEM AND METHOD FOR PROVIDING HIGHLY AVAILABLE DATA STORAGE USING GLOBALLY ADDRESSABLE MEMORY
SYSTEME ET PROCEDE PERMETTANT D'EFFECTUER UNE MISE EN MEMOIRE DE DONNEES TRES ACCESSIBLES GRACE A UNE MEMOIRE UNIVERSELLEMENT ADRESSABLE

(71) **MANGOSOFT CORPORATION** [US/US]; Suite 190, 1500 West Park Drive, Westborough, MA 01581 (US).

(72) **CARTER, John, B.**; 414 South Douglas Street, Salt Lake City, UT 84102 (US). **DAVIS, Scott, H.**; 136 Riverbend Road, Groton, MA 01450 (US). **DIETTERICH, Daniel, J.**; 4 Cedar Terrace, Acton, MA 01720 (US). **FRANK, Steven, J.**; 6 Tiffany Trail, Hopkinton, MA 01748 (US). **PHILLIPS, Robert, S.**; 5 Sherman Street, P.O. Box 601, Brookfield, MA 01506 (US). **WOODS, John**; 958 Massachusetts Avenue, Boxborough, MA 01719 (US). **PORTER, David**; 2 Upland Road, Littleton, MA 01460 (US). **LEE, Hsin, H.**; 7 Francine Road, Acton, MA 01720 (US).

(74) **LANZA, John, D.**; Testa, Hurwitz & Thibeault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22877** (13) A1

(21) PCT/US97/21506

(22) **20 Nov/nov 1997 (20.11.1997)**

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(31) 08/754,206 (32) **20 Nov/nov 1996** (33) US **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 11/30, 13/42

(54) ARRANGEMENT AND METHOD FOR HANDLING BUS CLOCK SPEED VARIATIONS
DISPOSITIF ET PROCEDE POUR GERER LES VARIATIONS DE LA VITESSE D'HORLOGE D'UN BUS

(71) **ADVANCED MICRO DEVICES, INC.** [US/US]; 5204 East Ben White Boulevard, Mail Stop 562, Austin, TX 78741 (US).

(72) **HEWITT, Larry, D.**; 6103 Bend O'River Drive, Austin, TX 78705 (US).

(74) **RILEY, Louis, A.**; Advanced Micro Devices, Inc., 5204 East Ben White Boulevard, M/S 562, Austin, TX 78741 (US).

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

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(11) **WO 98/22878** (13) A2

(21) PCT/EP97/05916

(22) **20 Oct/oct 1997 (20.10.1997)**

(25) en (26) en

(31) 9624187.2 (32) **21 Nov/nov 1996** (33) GB **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 12/14

(54) ARRANGEMENT FOR ENCRYPTION/DECRYPTION OF DATA AND DATA CARRIER I NCORPORATING SAME
DISPOSITIF DE CRYPTAGE/DECRYPTAGE DE DONNEES ET SUPPORT DE DONNEES LE CONTENANT

(71) **MOTOROLA LIMITED** [GB/GB]; Jays Close, Viables Industrial Estate, Basingstoke, Hampshire RG22 4PD (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STOUT, Graham, Henry** [GB/GB]; 42 Carrick Crescent, Giffnock, Glasgow G46 6PP (GB).

(74) **IBBOTSON, Harry** et al. / etc.; Motorola, European Intellectual Property Operations, Midpoint, Alencon Link, Basingstoke, Hampshire RG21 7PL (GB).

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

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(11) **WO 98/22879** (13) A1

(21) PCT/IB97/01298

(22) **20 Oct/oct 1997 (20.10.1997)**

(25) en (26) en

(31) 96402457.4 (32) **15 Nov/nov 1996** (33) EP **(15.11.1996)**

(34) FR et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 12/14, H04L 9/32, G11C 16/06 // H04Q 7/32, H04M 1/00

(54) A PROTECTION METHOD AGAINST EEPROM–DIRECTED INTRUSION INTO A MOBILE COMMUNICATION DEVICE THAT HAS A PROCESSOR, AND A DEVICE HAVING SUCH PROTECTION MECHANISM
PROCEDE DE PROTECTION CONTRE LES INTRUSIONS DANS DES MEMOIRES EEPROM DANS UN DISPOSITIF DE COMMUNICATION MOBILE COMPORTANT UN PROCESSEUR, ET DISPOSITIF COMPORTANT CE MECANISME DE PROTECTION

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

(71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **HABIB, Elia, Nocalas**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **GROENENDAAL, Antonius, W., M.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

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

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(11) **WO 98/22880** (13) A1

(21) PCT/US97/21229

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/754,164 (32) **22 Nov/nov 1996** (33) US **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 13/14, 15/16, H04L 12/00

(54) A METHOD AND APPARATUS FOR COMPRESSING A CONTINUOUS, INDISTINCT DATA STREAM
PROCEDE ET APPAREIL PERMETTANT DE COMPRIMER UN TRAIN CONTINU DE DONNEES INDISTINCTES

(71) **WEBTV NETWORKS, INC.** [US/US]; 305 Lytton Street, Palo Alto, CA 94301 (US).

(72) **GILLON, William, G.**; 77 Oceanside Drive, Daly City, CA 94015 (US). **MCFADDEN, Andrew**; 20990 Valley Green Drive #618, Cupertino, CA 95014 (US).

(74) **NYDEGGER, Rick, D.**; Workman, Nydegger & Seeley, 1000 Eagle Gate Plaza, 60 East South Temple, Salt Lake City, UT 84111 (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 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 UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22881** (13) A1

(21) PCT/US97/21460

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/754,481 (32) **22 Nov/nov 1996** (33) US **(22.11.1996)**

(31) 08/827,534 (32) **28 Mar/mar 1997** (33) US **(28.03.1997)**

(31) 08/850,364 (32) **2 May/mai 1997** (33) US **(02.05.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 15/16, H04L 29/06, G06F 12/10

(54) REMOTE ACCESS IN A GLOBALLY ADDRESSABLE STORAGE ENVIRONMENT
ACCES A DISTANCE DANS UN ENVIRONNEMENT DE STOCKAGE ADRESSABLE

(71) **MANGOSOFT CORPORATION** [US/US]; Suite 190, 1500 West Park Drive, Westborough, MA 01581 (US).

(72) **CARTER, John, B.**; 414 South Douglas Street, Salt Lake City, UT 84102 (US). **DAVIS, Scott, H.**; 136 Riverbend Road, Groton, MA 01450 (US). **FRANK, Steven, J.**; 6 Tiffany Trail, Hopkinton, MA 01748 (US).

(74) **LANZA, John, D.**; Testa, Hurwitz & Thibeault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22882** (13) A1

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(31) 08/755,029 (32) **22 Nov/nov 1996** (33) US **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 15/16, 17/30

(54) SMART INTERNET INFORMATION DELIVERY SYSTEM
SYSTEME INTELLIGENT DE PRESTATION DE RENSEIGNEMENTS SUR INTERNET

(71, 72) **KOBATA, Hiroshi** [JP/US]; Apartment 201, 50 Watertown Street, Watertown, MA 02172 (US).

(74) **TENDLER, Robert, K.**; 65 Atlantic Avenue, Boston, MA 02110 (US).

(81) AU CA CN IL JP KR NO NZ SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22883** (13) A1

(21) PCT/FR97/02060

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) fr (26) fr

(31) 96/14022 (32) **18 Nov/nov 1996** (33) FR **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 15/80

(54) LEARNING METHOD GENERATING SMALL SIZE NEURONS FOR DATA CLASSIFICATION
PROCEDE D'APPRENTISSAGE GENERANT DES RESEAUX DE NEURONES DE PETITES TAILLES POUR LA CLASSIFICATION DE DONNEES

(71) **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31–33, rue de la Fédération, F–75015 Paris (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) **GORDON, Mirta, Beatriz** [FR/FR]; 16, rue Jean Jacques Rousseau, F–38000 Grenoble (FR).

(74) **BREVATOME**; 25, rue de Ponthieu, F–75008 Paris (FR).

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

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(11) **WO 98/22884** (13) A1

(21) PCT/GB97/03138

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 9624298.7 (32) **22 Nov/nov 1996** (33) GB **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 15/80

(54) IMPROVED NEURAL NETWORK
RESEAU NEURAL AMELIORE

(71) **UNIVERSITY OF STRATHCLYDE** [GB/GB]; McCance Building, 16 Richmond Street, Glasgow G1 3AE (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SORAGHAN, John, James** [IE/GB]; 9 Stirling Drive, Bearsden, Glasgow G61 4NX (GB). **HUSSAIN, Amir** [PK/GB]; 36 Albert Avenue, Queens Park, Glasgow G42 8RE (GB).

(74) **McCALLUM, William, Potter** et al. / etc.; Cruikshank & Fairweather, 19 Royal Exchange Square, Glasgow G1 3AE (GB).

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

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(11) **WO 98/22885** (13) A1

(21) PCT/US97/21522

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 60/031,195 (32) **20 Nov/nov 1996** (33) US **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 15/80

(54) MULTI–KERNEL NEURAL NETWORK CONCURRENT LEARNING, MONITORING, AND FORECASTING SYSTEM
SYSTEME D'APPRENTISSAGE, DE CONTROLE ET DE PREVISION CONCURRENTIELS A RESEAU NEURONAL A NOYAUX MULTIPLES

(71, 72) **JANNARONE, Robert, J.** [US/US]; 3220 Henderson Mill Road #2, Atlanta, GA 30341 (US).

(74) **MEHRMAN, Michael, J.** et al. / etc.; Jones & Askew, LLP, 37th floor, 191 Peachtree Street, N.E., Atlanta, GA 30303 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22886** (13) A1

(21) PCT/US97/21305

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 08/752,500 (32) **20 Nov/nov 1996** (33) US **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 17/00

(54) PERFORMANCE OPTIMIZATIONS FOR COMPUTER NETWORKS USING HTTP
OPTIMISATION DES PERFORMANCES POUR DES RESEAUX INFORMATIQUES UTILISANT LE HTTP

(63) US 08/752,500 (CON)
20 Nov/nov 1996 (20.11.1996)

(71) **SHIVA CORPORATION** [US/US]; 28 Crosby Drive, Bedford, MA 01730 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BHIDE, Chandrashekhar, W.** [US/US]; 714 San Ramon Avenue, Sunnyvale, CA 94086 (US). **SINGH, Jagdeep** [US/US]; 20800 Homestead Road #15F, Cupertino, CA 95014 (US). **OESTREICHER, Don** [US/US]; 904 Old Town Court, Cupertino, CA 95014 (US).

(74) **SLONE, David, N.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111–3834 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22887** (13) A1

(21) PCT/US97/21034

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/753,335 (32) **22 Nov/nov 1996** (33) US **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 17/17, A01D 41/12

(54) METHOD AND APPARATUS FOR SYNTHESIZING SITE–SPECIFIC FARMING DATA
PROCEDE ET DISPOSITIF DE SYNTHESE DES DONNEES D'EXPLOITATION AGRICOLE SPECIFIQUES A UN SITE

(71) **CASE CORPORATION** [US/US]; 700 State Street, Racine, WI 53404 (US).

(72) **HALE, George, H.**; 314 Meadow Green Drive, Naperville, IL 60565 (US). **WENDTE, Keith, W.**; 12 South 612 Knoeble Drive, Lemont, IL 60439 (US). **HAACK, Paul, W.**; 995 Nottingham Lane, Crystal Lake, IL 60014 (US).

(74) **SAXE, Bernhard, D.** et al. / etc.; Foley & Lardner, 35th floor, 777 E. Wisconsin Avenue, Milwaukee, WI 53202 (US).

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

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(11) **WO 98/22888** (13) A1

(21) PCT/JP97/04093

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) 8/318609 (32) **15 Nov/nov 1996** (33) JP **(15.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 17/30

(54) IMAGE PROCESSING APPARATUS
APPAREIL DE TRAITEMENT D'IMAGES

(71) **CASIO COMPUTER CO., LTD.** [JP/JP]; 6–2, Hon–machi 1–chome, Shibuya–ku, Tokyo 151 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KATSUMURA, Noriyoshi** [JP/JP]; 232–4–303, Kitano, Tokorozawa–shi, Saitama–ken 359 (JP). **TAKATSUTO, Hiroaki** [JP/JP]; 2–52–15, Kinugaoka, Hachioji–shi, Tokyo 192 (JP).

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

(81) AU CA CN KR US; EP (CH DE ES FR GB IT NL).

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(11) **WO 98/22889** (13) A1

(21) PCT/US97/21171

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 08/755,237 (32) **22 Nov/nov 1996** (33) US **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 17/30, 13/14, H04N 7/173

(54) USER INTERFACE FOR CONTROLLING AUDIO FUNCTIONS IN A WEB BROWSER
INTERFACE USAGER DE COMMANDE DES FONCTIONS AUDIO D'UN EXPLORATEUR WEB

(71) **WEBTV NETWORKS, INC.** [US/US]; 305 Lytton Avenue, Palo Alto, CA 94301 (US).

(72) **WHITE, Christopher, M.**; Apartment #709, 2400 Pacific Avenue, San Francisco, CA 94115 (US). **KRUEGER, Mark, H.**; Fuyo Kashiihama Heights #1007, 2–5–1, Kashiihama, Higashi–ku, Fukuoka 813 (JP). **ANDERSON, David, R.**; 10761 West Estate Drive, Cupertino, CA 95014 (US). **YAKSICK, Jeffrey, D.**; 241 Arriba Drive #10, Sunnyvale, CA 94086 (US). **BRITT, Joe, F., Jr.**; 14234 Saratoga Sunnyvale Road #3, Saratoga, CA 95070 (US).

(74) **NYDEGGER, Rick, D.** et al. / etc.; Workman, Nydegger & Seeley, 1000 Eagle Gate Plaza, 60 East South Temple, Salt Lake City, UT 84111 (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 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 UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22890** (13) A1

(21) PCT/US97/21458

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/754,481 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(31) 08/827,534 (32) **28 Mar/mar 1997 (28.03.1997)** (33) US

(31) 08/848,970 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 17/30

(54) SYSTEM FOR TRACKING DATA
SYSTEME DE SUIVI DE DONNEES

(71) **MANGOSOFT CORPORATION** [US/US]; Suite 190, 1500 West Park Drive, Westborough, MA 01581 (US).

(72) **CARTER, John, B.**; 414 South Douglas Street, Salt Lake City, UT 84102 (US). **DAVIS, Scott, H.**; 136 Riverbend Road, Groton, MA 01450 (US). **FRANK, Steven, J.**; 6 Tiffany Trail, Hopkinton, MA 01748 (US). **PLOUFFE, Gerald, R.**; 26 Coburn Woods, Nashua, NH 03063 (US). **LEE, Hsin, H.**; 7 Francine Road, Acton, MA 01720 (US).

(74) **LANZA, John, D.**; Testa, Hurwitz & Thibeault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22891** (13) A1

(21) PCT/US97/21459

(22) **21 Nov/nov 1997 (21.11.1997)**

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(31) 08/754,481 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(31) 08/827,534 (32) **28 Mar/mar 1997 (28.03.1997)** (33) US

(31) 08/848,971 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 17/30, 12/08

(54) SHARED CLIENT–SIDE WEB CACHING USING GLOBALLY ADDRESSABLE MEMORY
MISE EN ANTEMEMOIRE PARTAGEE SUR LE WEB, COTE CLIENT, AU MOYEN D'UNE MEMOIRE ADRESSABLE DE MANIERE GLOBALE

(71) **MANGOSOFT CORPORATION** [US/US]; Suite 190, 1500 West Park Drive, Westborough, MA 01581 (US).

(72) **CARTER, John, B.**; 414 South Douglas Street, Salt Lake City, UT 84102 (US). **DAVIS, Scott, H.**; 136 Riverbend Road, Groton, MA 01450 (US). **DIETTERICH, Daniel, J.**; 4 Cedar Terrac, Acton, MA 01720 (US). **FRANK, Steven, J.**; 6 Tiffany Trail, Hopkinton, MA 01748 (US). **LEE, Hsin, H.**; 7 Francine Road, Acton, MA 01720 (US).

(74) **LANZA, John, D.**; Testa, Hurwitz & Thibeault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22892** (13) A1

(21) PCT/US97/21466

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/754,481 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(31) 08/827,534 (32) **28 Mar/mar 1997 (28.03.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 17/30, 12/10

(54) STRUCTURED DATA STORAGE USING GLOBALLY ADDRESSABLE MEMORY
STOCKAGE STRUCTURE DE DONNEES AU MOYEN D'UNE MEMOIRE GLOBALEMENT ADRESSABLE

(71) **MANGOSOFT CORPORATION** [US/US]; Suite 190, 1500 West Park Drive, Westborough, MA 01581 (US).

(72) **DAVIS, Scott, H.**; 136 Riverbend Road, Groton, MA 01450 (US). **CARTER, John, B.**; 414 South Douglas Street, Salt Lake City, UT 84102 (US). **FRANK, Steven, J.**; 6 Tiffany Trail, Hopkinton, MA 01748 (US). **DIETTERICH, Daniel, J.**; 4 Cedar Terrace, Acton, MA 01720 (US). **LEE, Hsin, H.**; 7 Francine Road, Acton, MA 01720 (US).

(74) **LANZA, John, D.**; Testa, Hurwitz & Thibeault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22893** (13) A1

(21) PCT/US97/21733

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/754,481 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(31) 08/827,534 (32) **28 Mar/mar 1997 (28.03.1997)** (33) US

(31) 08/850,137 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 17/30

(54) DYNAMIC DIRECTORY SERVICE
SERVICE DE REPERTOIRE DYNAMIQUE

(71) **MANGOSOFT CORPORATION** [US/US]; Suite 190, 1500 West Park Drive, Westborough, MA 01581 (US).

(72) **DIETTERICH, Daniel, J.**; 4 Cedar Terrace, Acton, MA 01720 (US). **PHILLIPS, Robert, S.**; 5 Sherman Street, P.O. Box 601, Brookfield, MA 01506 (US). **CARTER, John, B.**; 414 South Douglas Street, Salt Lake City, UT 84102 (US). **DAVIS, Scott, H.**; 136 Riverbend Road, Groton, MA 01450 (US). **FRANK, Steven, J.**; 6 Tiffany Trail, Hopkinton, MA 01748 (US). **ABRAHAM, William**; 15 Galway Road, Windham, NH 03087 (US).

(74) **LANZA, John, D.**; Testa, Hurwitz & Thibeault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22894** (13) A1

(21) PCT/US97/20617

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 60/031,150 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 08/903,068 (32) **30 Jul/juil 1997 (30.07.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 17/50

(54) METHOD AND APPARATUS FOR SOLVING COMPLEX AND COMPUTATIONALLY INTENSIVE INVERSE PROBLEMS IN REAL–TIME
PROCEDE ET APPAREIL UTILISES POUR LA RESOLUTION EN TEMPS REEL DE PROBLEMES INVERSES COMPLEXES ET NECESSITANT BEAUCOUP DE CALCULS

(71) **LOCKHEED MARTIN ENERGY RESEARCH CORPORATION** [US/US]; Oak Ridge National Laboratory, Bethel Valley Road, P.O. Box 2008, Oak Ridge, TN 37831–6255 (US).

(72) **ALLEN, John, D.**; 6724 Arapahoe Lane, Knoxville, TN 37918 (US). **IVEZIC, Nenad**; 8609 Eagle Pointe Drive, Knoxville, TN 37931 (US). **LUDTKA, Gerard, M.**; 105 Crestview Lane, Oak Ridge, TN 37830 (US). **ZACHARIA, Thomas**; 613 Glen Willow, Knoxville, TN 37922 (US).

(74) **KIRSCH, Gregory, J.** et al. / etc.; Needle & Rosenberg, 127 Peachtree Street, N.E., Atlanta, GA 30303 (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 KE LS MW SD SZ UG ZW); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22895** (13) A2

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(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 08/752,812 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 17/50

(54) METHOD AND APPARATUS FOR MAKING AN ELECTRICAL CIRCUIT HAVING AN RLCG LINE
PROCEDE ET APPAREIL DE FABRICATION D'UN CIRCUIT ELECTRIQUE COMPORTANT UN CIRCUIT A INDUCTANCE, CAPACITE, RESISTANCE ET CONDUCTANCE

(71) **CADENCE DESIGN SYSTEMS, INC.** [US/US]; 555 River Oaks Parkway, San Jose, CA 95134 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NABORS, Keith, S.** [US/US]; 425 Kenmore Avenue, Sunnyvale, CA 94086 (US). **FANG, Tze–Ting** [–/US]; 2931 Clara Avenue, Palo Alto, CA 94303 (US). **WHITE, Jacob, K.** [US/US]; 77 Snake Hill Road, Belmont, MA 02138 (US).

(74) **MCNELIS, John, T.** et al. / etc.; Fenwick & West LLP, Suite 700, Two Palo Alto Square, Palo Alto, CA 94306 (US).

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

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(11) **WO 98/22896** (13) A1

(21) PCT/DE97/02588

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) de (26) de

(31) 196 47 620.8 (32) **18 Nov/nov 1996 (18.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 17/60

(54) COMPUTER ASSISTED METHOD OF PARTITIONING AN ELECTRICAL CIRCUIT
PROCEDE ASSISTE PAR ORDINATEUR POUR LE PARTITIONNEMENT D'UN CIRCUIT ELECTRIQUE

(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) **WEVER, Utz** [DE/DE]; Herzogstandstrasse 28, D–81539 München (DE). **ZHENG, Qinghua** [DE/DE]; Sudetenstrasse 51, D–82024 Taufkirchen (DE). **FRÖHLICH, Norbert** [DE/DE]; Orleansstrasse 1, D–86157 Augsburg (DE).

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

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(11) **WO 98/22897** (13) A1

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(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 96308478.5 (32) **22 Nov/nov 1996 (22.11.1996)** (33) EP

(34) GB et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 17/60

(54) RESOURCE ALLOCATION
ATTRIBUTION DE RESSOURCES

(71) **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY** [GB/GB]; 81 Newgate Street, London EC1A 7AJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LESAINT, David** [FR/GB]; 19 Surbiton Road, Ipswich, Suffolk IP1 4AX (GB). **VOUDOURIS, Christos** [GR/GB]; 5 Sandpit Close, Ipswich, Suffolk IP4 5UP (GB). **AZARMI, Nader** [GB/GB]; 1 Sonell Court, Wivenhoe, Colchester, Essex CO7 9RT (GB). **LAITHWAITE, Robert, Noel, William** [GB/GB]; 14 St. Mary's Park, Bucklesham, Near Ipswich, Suffolk IP10 0DY (GB). **O'DONOGHUE, John, Joseph** [IE/GB]; 18 Murray Road, Ipswich, Suffolk IP3 9AH (GB). **NOBLE, Andrew, Paul** [GB/GB]; 10 Burlington Avenue, Kew, Richmond, Surrey TW9 3DQ (GB). **WALKER, Paul** [GB/GB]; 213 Breightmet Drive, Bolton BL2 6NP (GB). **ALLETSON, Ian, Stuart** [GB/GB]; 12 Footward Crescent, Rochdale, Lancashire OL12 6TB (GB).

(74) **LIDBETTER, Timothy, Guy, Edwin**; BT Group Legal Services, Intellectual Property Dept., Holborn Centre, 8th floor, 120 Holborn, London EC1N 2TE (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22898** (13) A1

(21) PCT/JP97/04140

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) ja (26) ja

(31) 8/305118 (32) **15 Nov/nov 1996 (15.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 17/60, 19/00, G06K 9/62

(54) BUSINESS MANAGEMENT SYSTEM
SYSTEME DE GESTION D'OPERATIONS

(71) **TOHO BUSINESS MANAGEMENT CENTER** [JP/JP]; Sunshine 60, 1–1, Higashi–Ikebukuro 3–chome, Toshima–ku, Tokyo 170 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YOSHINO, Eiko** [JP/JP]; Toho Business Management Center, Sunshine 60, 1–1, Higashi–Ikebukuro 3–chome, Toshima–ku, Tokyo 170 (JP).

(74) **INABA, Yoshiyuki** et al. / etc.; TMI Associates, Suite 803, 37 Mori Building, 5–1, Toranomon 3–chome, Minato–ku, Tokyo 105 (JP).

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

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(11) **WO 98/22899** (13) A1

(21) PCT/US97/21363

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 60/031,059 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 17/60

(54) SYSTEM AND METHOD FOR BUNDLING RISK–PROTECTION PRODUCTS
SYSTEME ET PROCEDE DE FABRICATION DE FAISCEAUX DE PRODUITS DE PROTECTION CONTRE LES RISQUES

(71, 72) **DODSON, David, A.** [US/–]; 16 Somers Gardens, 7 Green Bay Road, Hamilton FL 04 (BM).

(74) **WOODBRIDGE, Richard, C.** et al. / etc.; Woodbridge & Associates, P.C., P.O. Box 592, Princeton, NJ 08542–0592 (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 KE LS MW SD SZ UG ZW); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22900** (13) A1

(21) PCT/NL97/00638

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 1004598 (32) **22 Nov/nov 1996 (22.11.1996)** (33) NL

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 19/00, 17/60

(54) METHOD FOR DETERMINING REPRODUCIBLY IF VISUAL FEATURES OF OBJECTS ARE KNOWN TO A PERSON
PROCEDE SERVANT A DETERMINER DE FAÇON REPRODUCTIBLE SI DES CARACTERISTIQUES VISUELLES D'OBJETS SONT CONNUES D'UNE PERSONNE

(71) **VERIFY INTERNATIONAL N.V.** [NL/NL]; John B. Gorsitaweg 14, Willemstad, Curacao (AN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CLAESSENS, Dominique, Paul, Gerard** [CH/NL]; John B. Gorsitaweg 14, Willemstad, Curacao (AN).

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

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(11) **WO 98/22901** (13) A1

(21) PCT/EP97/06267

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) de (26) de

(31) 196 47 341.1 (32) **15 Nov/nov 1996 (15.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06F 27/00, 17/60, G09F 9 /30

(54) METHOD AND DEVICE FOR PROJECTION AND RECEPTION OF VISUAL AND AUDIO–VISUAL MESSAGES AND THEIR ANALYSIS TO DETERMINE RADIUS OF ACTION AND CUSTOMER BEHAVIOUR
PROCEDE ET DISPOSITIF POUR PROJETER ET RECEVOIR DES MESSAGES VISUELS ET AUDIOVISUELS ET LEUR ANALYSE POUR DETERMINER LA PORTEE ET LE COMPORTEMENT DES ACHETEURS

(71, 72) **LAUSCH, Holger** [DE/DE]; Anna–Siemsen–Strasse 64, D–07745 Jena (DE).

(74) **PFEIFFER, Rolf–Gerd** et al. / etc.; Patentanwaltsbüro Pfeiffer & Partner, Helmholtzweg 4, D–07743 Jena (DE).

(81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(11) **WO 98/22902** (13) A1

(21) PCT/US97/21395

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 60/031,442 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(31) 08/933,691 (32) **19 Sep/sep 1997 (19.09.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06K 7/00

(54) SMART CARD READER
LECTEUR DE CARTE A PUCE

(71) **THE WHITAKER CORPORATION** [US/US]; Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US).

(72) **KORSUNSKY, Iosif**; 4980 Farmington Road, Harrisburg, PA 17112 (US). **GRABBE, Dimitry**; 2160 Rosedale Avenue, Middletown, PA 17057 (US). **VERMEERSCH, Dean**; 117 Suffock Road, Harrisburg, PA 17112 (US).

(74) **NESS, Anton, P.** et al. / etc.; The Whitaker Corporation, Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (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; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22903** (13) A1

(21) PCT/EP97/06167

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 9624216.9 (32) **21 Nov/nov 1996 (21.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06K 7/08

(54) METHOD FOR COMMUNICATING WITH A PLURALITY OF CONTACTLESS DATA CARRIERS AND CONTACTLESS DATA CARRIER FOR USE THEREIN
PROCEDE DE COMMUNICATION AVEC PLUSIEURS PORTEUSES DE DONNEES SANS CONTACT, ET PORTEUSE DE DONNEES SANS CONTACT UTILISEE DANS LEDIT PROCEDE

(71) **MOTOROLA INC.** [US/US]; 1303 Algonquin Road, Schaumburg, IL 60196 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GERCEKCI, Anil** [TR/CH]; 40, chemin des Tuileries, CH–1293 Bellevue (CH). **DE CHAMPS, Paul** [FR/FR]; 22, chemin de Vessy, Le Môle, F–01210 Ferney–Voltaire (FR).

(74) **IBBOTSON, Harry** et al. / etc.; Motorola, European Intellectual Property Operations, Midpoint, Alencon Link, Basingstoke, Hampshire RG21 7PL (GB).

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

Published / Publiée : *(c)*

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(11) **WO 98/22904** (13) A2

(21) PCT/DK97/00523

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) da (26) en

(31) 1287/96 (32) **14 Nov/nov 1996 (14.11.1996)** (33) DK

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06K 9/00

(54) METHODS FOR OBJECTIFICATION OF SUBJECTIVE CLASSIFICATIONS
PROCEDES D'OBJECTIVISATION DE CLASSIFICATIONS SUBJECTIVES

(71, 72) **MEYROWITSCH, Jan** [DK/DK]; Rialtovej 12, DK–2300 København S (DK).

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

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(11) **WO 98/22905** (13) A1

(21) PCT/EP97/06168

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 9624198.9 (32) **21 Nov/nov 1996 (21.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06K 19/073, H01L 27/144

(54) LIGHT DETECTION DEVICE
DISPOSITIF PHOTODETECTEUR

(71) **MOTOROLA LTD.** [GB/GB]; Jays Close, Viables Industrial Estate, Basingstoke, Hampshire RG22 4PD (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WHELAN, John** [GB/GB]; 33 Alwyn Drive, East Kilbride G74 4RL (GB). **STOUT, Graham, Henry** [GB/GB]; 44 Carrick Crescent, Giffnock, Glasgow G46 6PP (GB).

(74) **IBBOTSON, Harry** et al. / etc.; Motorola, European Intellectual Property Operations, Midpoint, Alencon Link, Basingstoke, Hampshire RG21 7P1 (GB).

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

Published / Publiée : *(c)*

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(11) **WO 98/22906** (13) A1

(21) PCT/EP97/06469

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) de (26) de

(31) 196 47 846.4 (32) **19 Nov/nov 1996 (19.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06K 19/077

(54) METHOD FOR MANUFACTURING A CHIP CARD
MODE DE FABRICATION D'UNE CARTE A PUCE

(71) **PAV CARD GMBH** [DE/DE]; Hamburger Strasse 6, D–22952 Lütjensee (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILM, Robert** [DE/DE]; Mühlenweg 24, D–22929 Kasseburg (DE).

(74) **KRUSPIG, Volkmar** et al. / etc.; Meissner, Bolte & Partner, Postfach 86 06 24, D–81633 München (DE).

(81) AL AU BB BG BR CA CN CZ EE GE HU IL IS JP KP KR LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TR TT UA US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22907** (13) A1

(21) PCT/EP97/06470

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) de (26) de

(31) 196 47 845.6 (32) **19 Nov/nov 1996 (19.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06K 19/077

(54) MANUFACTURING OF A CHIP CARD
MODE DE FABRICATION D'UNE CARTE A PUCE

(71) **PAV CARD GMBH** [DE/DE]; Hamburger Strasse 6, D–22952 Lütjensee (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILM, Robert** [DE/DE]; Mühlenweg 24, D–22929 Kasseburg (DE).

(74) **KRUSPIG, Volkmar** et al. / etc.; Meissner, Bolte & Partner, Postfach 86 06 24, D–81633 München (DE).

(81) AL AU BB BG BR CA CN CZ DE EE GE HU IL IS JP KP KR LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TR TT UA US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22908** (13) A1

(21) PCT/US97/14371

(22) **13 Aug/Août 1997 (13.08.1997)**

(25) en (26) en

(31) 08/751,779 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06T 1/00

(54) DATA NAVIGATOR INTERFACE
INTERFACE DE NAVIGATEUR DANS DES DONNEES

(63) US 08/751,779 (CON)
18 Nov/nov 1996 (18.11.1996)

(71) **DATASURF, INC.** [US/US]; Suite 240, 6203 San Ignacio Avenue, San Jose, CA 95119 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHEINKMAN, Luiz** [BR/US]; Apartment 38, 998 Meridian Avenue, San Jose, CA 95126 (US). **AGASSI, Shai** [IL/US]; 10250 Parkwood Drive #12, Cupertino, CA 95014 (US).

(74) **ALBERT, Philip, H.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111 (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 TJ TM TR TT UA UG US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22909** (13) A1

(21) PCT/CA97/00878

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 60/031,423 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06T 1/20

(54) PIPELINE PROCESSOR FOR MEDICAL AND BIOLOGICAL IMAGE ANALYSIS
PROCESSEUR PIPELINE DESTINE A L'ANALYSE D'IMAGES MEDICALES ET BIOLOGIQUES

(71) **MORPHOMETRIX TECHNOLOGIES INC.** [CA/CA]; 4th floor, 112 Adelaide Street East, Toronto, Ontario M5C 1K9 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PRENTISS, Patrick** [CA/CA]; 76 Ingleton Boulevard, Scarborough, Ontario M1V 3H7 (CA).

(74) **VASS, William, B.** et al. / etc.; Ridout & Maybee, Suite 2400, One Queen Street East, Toronto, Ontario M5C 3B1 (CA).

(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 KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22910** (13) A1

(21) PCT/GB97/03126

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 9624281.3 (32) **22 Nov/nov 1996 (22.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06T 11/60

(54) METHOD OF AND APPARATUS FOR DISPLAYING AN IMAGE OF A DOCUMENT ON A DISPLAY
PROCEDE ET DISPOSITIF D'AFFICHAGE D'UNE IMAGE D'UN DOCUMENT SUR UN ECRAN

(71) **GEOWORKS CORPORATION** [US/US]; 960 Atlantic Avenue, Alameda, CA 94501 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOOTH, Paul** [GB/GB]; 1 Kemble Close, Wistaston, Crewe CW2 6XN (GB).

(74) **ORIGIN LIMITED**; 24 Kings Avenue, London N10 1PB (GB).

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

Published / Publiée : *(c)*

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(11) **WO 98/22911** (13) A1

(21) PCT/IB97/01307

(22) **20 Oct/oct 1997 (20.10.1997)**

(25) en (26) en

(31) 96203265.2 (32) **21 Nov/nov 1996 (21.11.1996)** (33) EP

(34) NL et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G06T 15/10

(54) METHOD AND APPARATUS FOR GENERATING A COMPUTER GRAPHICS IMAGE
PROCEDE ET APPAREIL PERMETTANT DE GENERER UNE IMAGE GRAPHIQUE INFORMATISEE

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

(71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **VAN OVERVELD, Cornelis, Wilhelmus, Antonius, Marie**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **DE HAAS, Laurens, Johan**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

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

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(11) **WO 98/22912** (13) A1

(21) PCT/CA97/00853

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 08/749,686 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G07C 3/04, A61C 7/00

(54) DENTAL MONITORING SYSTEM
DISPOSITIF DE CONTROLE D'APPAREIL D'ORTHODONTIE

(71) **THE UNIVERSITY OF BRITISH COLUMBIA** [CA/CA]; 2075 Wesbrook Mall, Vancouver, British Columbia V6T 1Z1 (CA).

(72) **IVANOV, Andre**; 10591 Yarmish Dive, Richmond, British Columbia V7E 5E6 (CA). **LOWE, Alan, Arthur**; 4333 Locarno Cresent, Vancouver, British Columbia V6R 1G2 (CA).

(74) **ROWLEY, C., A.**; MacMillan Bloedel Research, 4225 Kincaid Street, Burnaby, British Columbia V5G 4P5 (CA).

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

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(11) **WO 98/22913** (13) A2

(21) PCT/EP97/06454

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) de (26) de

(31) 196 47 879.0 (32) **19 Nov/nov 1996 (19.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G07C 9/00

(54) PROCESS AND DEVICE FOR IDENTIFYING AND RECOGNIZING LIVING BEINGS AND/OR OBJECTS
PROCEDE ET DISPOSITIF D'IDENTIFICATION ET DE RECONNAISSANCE D'ETRES VIVANTS ET/OU D'OBJETS

(71) **FINGERPIN AG** [CH/CH]; Buchzelgstrasse 65, CH–8053 Zürich (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MÜLLER, Markus** [CH/CH]; Buchzelgstrasse 21/4, CH–8053 Zürich (CH). **LÜDI, Hugues, E.** [CH/CH]; Traubenweg 8, CH–8634 Hombrechtikon (CH).

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

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(11) **WO 98/22914** (13) A2

(21) PCT/US97/21809

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 60/031,283 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G07F

(54) CRYPTOGRAPHIC MEDIUM
SUPPORT CRYPTOGRAPHIQUE

(71) **TECSEC, INCORPORATED** [US/US]; Suite 220, 1953 Gallows Road, Vienna, VA 22182 (US).

(72) **WACK, Carl, J.**; Clarksburg, MD (US). **SCHEIDT, Edward, M.**; McLean, VA 22101 (US). **HERSHLOW, John, H.**; Berkeley, NJ 08721 (US).

(74) **CHAMPAGNE, Thomas**; Rabin, Champagne & Lynt, P.C., Suite 1111, 1725 K Street, N.W., Washington, DC 20006 (US).

(81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22915** (13) A1

(21) PCT/GB97/03116

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 9624127.8 (32) **20 Nov/nov 1996** (33) GB **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G07F 7/08, 7/10

(54) TRANSACTION SYSTEM
SYSTEME DE TRANSACTION

(71) **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY** [GB/GB]; 81 Newgate Street, London EC1A 7AJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HILL, Jake** [GB/GB]; Parkside, Hackney Road, Woodbridge, Suffolk IP12 1NW (GB).

(74) **WELLS, David**; BT Group Legal Services, Intellectual Property Dept., 8th floor, Holborn Centre, 120 Holborn, London EC1N 2TE (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22916** (13) A1

(21) PCT/EP97/06191

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) de (26) de

(31) 196 47 362.4 (32) **17 Nov/nov 1996** (33) DE **(17.11.1996)**

(31) 197 07 419.7 (32) **25 Feb/fév 1997** (33) DE **(25.02.1997)**

(31) 197 11 210.2 (32) **18 Mar/mar 1997** (33) DE **(18.03.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G07F 7/10, G06K 19/073

(54) DATA MEMORY SECURITY DEVICE
DISPOSITIF DE SECURITE POUR MEMOIRE DE DONNEES

(71) **TILS, Peter** [DE/DE]; Am Hagedorn 14, D–52335 Düren (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ESSER, Hans, Peter** [DE/DE]; Werner Erkens Strasse 30, D–50226 Frechen (DE).

(74) **PAUL, Dieter–Alfred** et al. / etc.; Fichtestrasse 18, D–41464 Neuss (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22917** (13) A1

(21) PCT/US97/21022

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/751,270 (32) **18 Nov/nov 1996** (33) US **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G07G 1/14

(54) MODULAR UNIT FOR AUTOMATING A FUEL DISPENSING SYSTEM
UNITE MODULAIRE D'AUTOMATISATION D'UN SYSTEME DE DISTRIBUTION DE CARBURANT

(71) **COMPUTER INTERFACE CORP.** [US/US]; 5110 Fairview Drive, Eau Claire, WI 54701 (US).

(72) **WEBB, R., Michael**; 3108 Sherman Avenue, Eau Claire, WI 54701 (US).

(74) **KNOBLE, John, L.**; Knoble & Yoshida, LLC., Eight Penn Center, Suite 1350, 1628 John F. Kennedy Boulevard, 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22918** (13) A1

(21) PCT/IB96/01466

(22) **19 Nov/nov 1996 (19.11.1996)**

(25) en (26) en

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G08B 5/00

(54) ILLUMINATED DOOR HANDLE ASSEMBLY
SYSTEME DE POIGNEE DE PORTE ECLAIREE

(71) **AMERISAFE CORPORATION** [US/US]; Suite 210, 29451 Greenfield Road, Southfield, MI 48076 (US).

(72) **BARRETT, Robert, R.**; 7338 Huron Street, Lexington, MI 48450 (US).

(74) **BLISS, Daniel, H.**; Bliss McGlynn, P.C., Suite 600, 2075 W. Big Beaver Road, Troy, MI 48084 (US).

(81) AM AT AU 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 LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TT UA UG UZ VN; AP (KE LS MW SD SZ UG); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22919** (13) A1

(21) PCT/US97/20237

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/752,624 (32) **19 Nov/nov 1996** (33) US **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G08B 5/22

(54) GLOBAL PAGING SYSTEM WITH REMOTE COUNTRY ADDRESSING
SYSTEME MONDIAL DE RECHERCHE DE PERSONNES AVEC ADRESSAGE DES PAYS A DISTANCE

(71) **ARIS MARDIROSSIAN, INC.** [US/US]; P.O. Box 86009, Gaithersburg, MD 20886–6009 (US).

(72) **MARDIROSSIAN, Aris**; 21533 Davis Mill Road, Germantown, MD 20876 (US).

(74) **RHOA, Joseph, A.**; Myers, Liniak & Berenato, Suite 240, 6550 Rock Spring Drive, Bethesda, MD 20817 (US).

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

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(11) **WO 98/22920** (13) A1

(21) PCT/US97/17345

(22) **26 Sep/sep 1997 (26.09.1997)**

(25) en (26) en

(31) 08/755,271 (32) **22 Nov/nov 1996** (33) US **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G08B 21/00

(54) SEAT OCCUPANT SENSING SYSTEM
SYSTEME DE DETECTION D'OCCUPATION DE SIEGE

(71) **BREED AUTOMOTIVE TECHNOLOGY, INC.** [US/US]; P.O. Box 33050, Lakeland, FL 33807–3050 (US).

(72) **MAHON, Geoffrey, Lawrence**; 221 Circle Avenue, Ridewood, NJ 07450 (US).

(74) **DRAYER, Lonnie, R.**; Breed Automotive Technology, Inc., P.O. Box 33050, Lakeland, FL 33807–3050 (US).

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

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(11) **WO 98/22921** (13) A1

(21) PCT/US97/20495

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) 08/754,310 (32) **21 Nov/nov 1996** (33) US **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G08C 21/00, G09G 5/00

(54) SURFACE POSITION LOCATION SYSTEM AND METHOD
SYSTEME ET PROCEDE DE DETERMINATION DE LA POSITION SUR UNE SURFACE

(71) **EXPLORE TECHNOLOGIES, INC.** [US/US]; Suite 112, 2880 Lakeside Drive, Santa Clara, CA 95054 (US).

(72) **FLOWERS, Mark**; 1364 Sprig Court, Sunnyvale, CA 94087 (US).

(74) **JONES, Allston, L.** et al. / etc.; Peters, Verny, Jones & Bikša, L.L.P., Suite 6, 385 Sherman Avenue, Palo Alto, CA 94306–1840 (US).

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

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(11) **WO 98/22922** (13) A1

(21) PCT/DE97/02696

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) de (26) de

(31) 196 47 374.8 (32) **15 Nov/nov 1996** (33) DE **(15.11.1996)**

(31) 196 47 371.3 (32) **15 Nov/nov 1996** (33) DE **(15.11.1996)**

(31) 196 47 372.1 (32) **15 Nov/nov 1996** (33) DE **(15.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G08G 5/06, G01S 13/91

(54) SYSTEM FOR CO–ORDINATING THE ACTIVITIES OF AIRCRAFT GUIDANCE PERSONNEL IN AN AIRPORT
SYSTEME POUR LA COORDINATION DES ACTIVITES DU PERSONNEL D'UN AEROPORT CHARGE DE GUIDER LES AERONEFS

(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, Alexander** [DE/DE]; Römerstrasse 7, D–35510 Butzbach (DE). **BARTSCH, Peter** [DE/DE]; Ludwigstrasse 17, D–61169 Friedberg (DE). **ZÜHLKE, Klaus–Dieter** [DE/DE]; Lessingstrasse 9, D–63329 Egelsbach (DE). **HESS, Herbert** [DE/DE]; Roseggerstrasse 36, D–82229 Seefeld (DE). **BECKER, Lothar** [DE/DE]; Am Kirchengarten 5a, D–91077 Neunkirchen (DE). **CASTOR, Robert** [DE/DE]; Eschenstrasse 38, D–85716 Unterschleißheim (DE).

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

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(11) **WO 98/22923** (13) A1

(21) PCT/DE97/02697

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) de (26) de

(31) 196 47 374.8 (32) **15 Nov/nov 1996** (33) DE **(15.11.1996)**

(31) 196 47 371.3 (32) **15 Nov/nov 1996** (33) DE **(15.11.1996)**

(31) 196 47 372.1 (32) **15 Nov/nov 1996** (33) DE **(15.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G08G 5/06, G01S 13/91

(54) TERMINAL CO–ORDINATION SYSTEM FOR AIRPORTS
SYSTEME DE COORDINATION DES ACTIVITES D'UN TERMINAL D'AEROPORT

(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, Alexander** [DE/DE]; Römerstrasse 7, D–35510 Butzbach (DE). **BARTSCH, Peter** [DE/DE]; Ludwigstrasse 17, D–61169 Friedberg (DE). **ZÜHLKE, Klaus–Dieter** [DE/DE]; Lessingstrasse 9, D–63329 Egelsbach (DE).

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

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(11) **WO 98/22924** (13) A1

(21) PCT/US97/12681

(22) **18 Jul/juil 1997 (18.07.1997)**

(25) en (26) en

(31) 08/754,729 (32) **21 Nov/nov 1996** (33) US **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G09B 3/00

(54) VIRTUAL NETWORKS
RESEAUX VIRTUELS

(71, 72) **BENMAN, William, J., Jr.** [US/US]; 2154 Benecia Avenue, Los Angeles, CA 90025 (US).

(81) AU BR CA CN IL JP KR MX NO SG; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22925** (13) A1

(21) PCT/US97/21040

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 08/752,639 (32) **19 Nov/nov 1996** (33) US **(19.11.1996)**

(31) 08/936,931 (32) **25 Sep/sep 1997** (33) US **(25.09.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G09B 19/02

(54) MATHEMATICAL TEACHING APPARATUS AND METHOD
APPAREIL ET METHODE D'ENSEIGNEMENT DES MATHEMATIQUES

(71, 72) **KOHLBERG, Elon** [US/US]; 122 Brattle Street, Cambridge, MA 02138 (US).

(74) **LOWRY, David, D.** 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22926** (13) A1

(21) PCT/US97/21349

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/752,529 (32) **20 Nov/nov 1996** (33) US **(20.11.1996)**

(31) 08/754,245 (32) **20 Nov/nov 1996** (33) US **(20.11.1996)**

(31) 08/940,859 (32) **29 Sep/sep 1997** (33) US **(29.09.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G09F 3/10, 3/00, 3/18

(54) MARKETING DISPLAYS PROVIDING READY REPLACEABILITY OF ADHESIVE DISPLAY LABELS
DISPOSITIFS D'AFFICHAGE COMMERCIAL PERMETTANT LE REMPLACEMENT RAPIDE D'ETIQUETTES ADHESIVES

(71) **SOUTHERN IMPERIAL, INC.** [US/US]; 5600 Pike Road, P.O. Box 2308, Rockford, IL 61131 (US).

(72) **VALIULIS, Thomas, E.**; 149 Sheridan, Rockford, IL 61103 (US).

(74) **SMITH, Noel, I.** et al. / etc.; Leydig, Voit & Mayer, Ltd., Suite 4900, Two Prudential Plaza, 180 North Stetson, Chicago, IL 60601–6780 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22927** (13) A1

(21) PCT/US97/21478

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 08/752,543 (32) **20 Nov/nov 1996** (33) US **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G09F 3/10

(54) RETROFIT WIRE SPACER FOR MERCHANDISE DISPLAY LOOP HOOKS
DISPOSITIF D'ESPACEMENT DES TIGES POUR CROCHETS DE PRESENTATION A BOUCLES, POUVANT ETRE MONTE APRES COUPE

(71) **TRION INDUSTRIES, INC.** [US/US]; 297 Laird Street, Wilkes–Barre, PA 18702 (US).

(72) **THALENFELD, David, R.**; 300 Beaupland Road, Bear Creek, PA 18602 (US).

(74) **SCHWEITZER, Fritz, L., Jr.**; Schweitzer Cornman Gross & Bondell LLP, 230 Park Avenue, New York, NY 10169 (US).

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

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(11) **WO 98/22928** (13) A1

(21) PCT/SE97/01925

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/749,958 (32) **18 Nov/nov 1996** (33) US **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G09F 9/30

(54) DISPLAY DEVICE AND METHOD FOR VISUALIZING COMPUTER GENERATED IMAGE INFORMATION

DISPOSITIF ET PROCEDE D'AFFICHAGE POUR VISUALISER DES INFORMATIONS D'IMAGES GENEREES PAR ORDINATEUR

(71) **ARRAY PRINTERS AB** [SE/SE]; Önnereds Brygga 13, S–421 57 Västra Frölunda (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LARSSON, Ove** [SE/SE]; Fullriggaregatan 10, S–421 74 Västra Frölunda (SE).

(74) **GRAUDUMS, Valdis** et al. / etc.; Albihn West AB, P.O. Box 142, S–401 22 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22929** (13) A1

(21) PCT/US97/21881

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 08/749,769 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G09F 27/00, B60P 3/025

(54) A METHOD AND SYSTEM FOR PROMOTING A SPORT, ESPECIALLY SNOWBOARDING
PROCEDE ET SYSTEME DE PROMOTION D'UN SPORT, NOTAMMENT LA PLANCHE A NEIGE

(71) **THE COCA–COLA COMPANY** [US/US]; 310 North Avenue, Atlanta, GA 30313 (US).

(72) **JURIS, Lisa, R.**; 520 Cambridge Way, Sandy Springs, GA 30328 (US).

(74) **BIRCH, Anthony, L.** et al. / etc.; Birch, Stewart, Kolasch & Birch, LLP, P.O. Box 747, Falls Church, VA 2240–0747 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22930** (13) A1

(21) PCT/US97/19982

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/754,680 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G09G 5/00, 5/08

(54) TWO–HANDED INPUT APPARATUS AND METHOD
APPAREIL ET PROCEDE DE SAISIE INFORMATIQUE A DEUX MAINS

(71, 72) **KAZARIAN, Randal, N.** [US/US]; P.O. Box 40629, Santa Barbara, CA 93140–0629 (US).

(74) **COSTELLO, Leo, F.**; 1308 Broad Street, No. 14, San Luis Obispo, CA 93401 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22931** (13) A1

(21) PCT/FR97/02093

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) fr (26) fr

(31) 96/14188 (32) **21 Nov/nov 1996 (21.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G10B 1/04

(54) NOVEL REMOTE CONTROLLED PIPE MUSICAL INSTRUMENT
NOUVEL INSTRUMENT DE MUSIQUE A TUYAUX, TELECOMMANDE

(71, 72) **DUPONT, Jean–François** [FR/FR]; 9, rue du Bout Guesdon, F–14123 Ifs (FR).

(74) **BURTIN, Jean–François**; Cabinet GEFIB, 85, rue Anatole France, F–92300 Levallois Perret (FR).

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

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(11) **WO 98/22932** (13) A1

(21) PCT/US97/20463

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/754,221 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G10G 7/02

(54) EXPRESSIVE MUSICAL INSTRUMENT HAVING ACCURATE INTONATION
INSTRUMENT DE MUSIQUE EXPRESSIF A INTONATION PRECISE

(71, 72) **GRACE, Charles, H.** [US/US]; 30803 Breckenridge Trail, Westlake, OH 44145 (US).

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

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(11) **WO 98/22933** (13) A1

(21) PCT/FI97/00707

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 964636 (32) **20 Nov/nov 1996 (20.11.1996)** (33) FI

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G10K 11/178

(54) METHOD AND APPARATUS FOR ATTENUATING SOUND
PROCEDE ET APPAREIL PERMETTANT D'ATTENUER LE SON

(71) **VTT** [FI/FI]; Vuorimiehentie 5, FIN–02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIRJAVAINEN, Kari** [FI/FI]; Kivenlahdenkatu 11 A, FIN–02320 Espoo (FI). **LEKKALA, Jukka** [FI/FI]; Liinaharjankatu 10, FIN–33730 Tampere (FI). **NYKÄNEN, Hannu** [FI/FI]; Timpurinkatu 3, FIN–33720 Tampere (FI). **UOSUKAINEN, Seppo** [FI/FI]; Lehmustie 1 B, FIN–00780 Helsinki (FI).

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

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

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(11) **WO 98/22934** (13) A1

(21) PCT/US97/20383

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/751,544 (32) **16 Nov/nov 1996 (16.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G10K 11/178

(54) NOISE ABSORPTION SYSTEM HAVING ACTIVE ACOUSTIC LINER
SYSTEME D'INSONORISATION PRESENTANT UNE GARNITURE ACOUSTIQUE ACTIVE

(71) **NORTHROP GRUMMAN CORPORATION** [US/US]; 1840 Century Park East, Los Angeles, CA 90067 (US).

(72) **VAN NOSTRAND, William, C.**; 33 Ozark Street, Ronkonkoma, NY 11779 (US). **PARENTE, Charles, A.**; 40 Harbor Road, Oyster Bay, NY 11771 (US). **ARCAS, Noe**; 46 Eileen Avenue, Plainview, NY 11803 (US).

(74) **MICHAELSON, Peter, L.**; Michaelson & Wallace, Parkway 109 Office Center, 328 Newman Springs Road, P.O. Box 8489, Red Bank, NJ 07701 (US).

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

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(11) **WO 98/22935** (13) A2

(21) PCT/US97/18478

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 08/745,930 (32) **7 Nov/nov 1996 (07.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G10L

(54) FREQUENCY–DOMAIN SPECTRAL ENVELOPE ESTIMATION FOR MONOPHONIC AND POLYPHONIC SIGNALS
ESTIMATION D'ENVELOPPE SPECTRALE DANS LE DOMAINE DES FREQUENCES POUR DES SIGNAUX MONOPHONIQUES ET POLYPHONIQUES

(63) US 08/745,930 (CON)
7 Nov/nov 1996 (07.11.1996)

(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) **LAROCHE, Jean** [FR/US]; 407 Lock Drive, Aptos, CA 95003 (US).

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

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

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(11) **WO 98/22936** (13) A1

(21) PCT/US97/21261

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 60/031,639 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G10L 5/06

(54) SUBWORD–BASED SPEAKER VERIFICATION USING MULTIPLE CLASSIFIER FUSION, WITH CHANNEL, FUSION, MODEL, AND THRESHOLD ADAPTATION
IDENTIFICATION D'UN LOCUTEUR FONDEE PAR LE SOUS–MOT PAR FUSION DE PLUSIEURS CLASSIFICATEURS, AVEC ADAPTATION DE CANAL, DE FUSION, DE MODELE ET DE SEUIL

(71) **T–NETIX, INC.** [US/US]; 67 Inverness Drive East, Englewood, CO 80112 (US).

(72) **SHARMA, Manish**; Apartment 37A, 1 JFK Boulevard, Sommerset, NJ 08873 (US). **ZHANG, Xiaoyu**; Suite 203, 371 Hoes Lane, Piscataway, NJ 08854 (US). **MAMMONE, Richard, J.**; 182 Beaumont Way, Bridgewater, NJ 08807 (US).

(74) **YOUNG, Thomas, H.** et al. / etc.; Dorsey & Whitney LLP, Suite 4400, 370 Seventeenth Street, Denver, CO 80202–5644 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22937** (13) A1

(21) PCT/GB97/02818

(22) **13 Oct/oct 1997 (13.10.1997)**

(25) en (26) en

(31) 9623892.8 (32) **18 Nov/nov 1996 (18.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G10L 9/06

(54) SPEECH PROCESSING SYSTEM
SYSTEME DE TRAITEMENT DE LA PAROLE

(71) **THE SECRETARY OF STATE FOR DEFENCE** [GB/GB]; Defence Evaluation & Research Agency, Ively Road, Farnborough, Hampshire GU14 0LX (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOLMES, John, Nicholas** [GB/GB]; DRA Malvern, St. Andrews Road, Malvern, Worcs WR14 3PS (GB).

(74) **SKELTON, Stephen, Richard**; D/IPR Formalities Section, MoD Abbey Wood #19, Bristol BS34 8JH (GB).

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

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(11) **WO 98/22938** (13) A2

(21) PCT/US97/19925

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 60/030,205 (32) **6 Nov/nov 1996 (06.11.1996)** (33) US

(31) 08/964,118 (32) **4 Nov/nov 1997 (04.11.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G11B

(54) TELERADIOLOGY SYSTEM FOR THE STORAGE AND TRANSMISSION OF ANGIOGRAPHIC AND RELATED IMAGE SEQUENCES
SYSTEME DE TELERADIOLOGIE DESTINE AU STOCKAGE ET A LA TRANSMISSION DE SEQUENCES D'IMAGES D'ANGIOGRAPHIE ASSOCIEES

(71) **QUINTON INSTRUMENT COMPANY** [US/US]; 3303 Monte Villa Parkway, Bothell, WA 98021 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CANTONI, Charles, W.** [US/US]; 5730 94th Place S.W., Mukilteo, WA 98275 (US).

(74) **QUINTON INSTRUMENT COMPANY**; Allison, Richard, D., 3303 Monte Villa Parkway, Bothell, WA 98021 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22939** (13) A1

(21) PCT/IB97/01297

(22) **20 Oct/oct 1997 (20.10.1997)**

(25) en (26) en

(31) 96203271.0 (32) **21 Nov/nov 1996 (21.11.1996)** (33) EP

(34) AT et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G11B 5/31

(54) MAGNETIC HEAD HAVING AN INTEGRATED CIRCUIT AND METHOD OF MANUFACTURING SAME
TETE MAGNETIQUE COMPORTANT UN CIRCUIT INTEGRE ET PROCEDE DE FABRICATION DE CETTE DERNIERE

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

(71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **ADELERHOF, Derk, Jan**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **DEKKER, Ronald**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **MAAS, Henricus, Godefridus, Rafael**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **VEERMAN, Jan, W.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

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

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(11) **WO 98/22940** (13) A1

(21) PCT/US97/07388

(22) **2 May/mai 1997 (02.05.1997)**

(25) en (26) en

(31) 08/752,478 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(31) 08/824,990 (32) **27 Mar/mar 1997 (27.03.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G11B 5/596

(54) APPARATUS AND METHOD FOR SERVO SYSTEM CALIBRATION OF A REMOVABLE DISKETTE MEDIUM
DISPOSITIF ET PROCEDE POUR ETALONNER UN SYSTEME D'ASSERVISSEMENT A DISQUETTES

(71) **SWAN INSTRUMENTS** [US/US]; 3000 Olcott Street, Santa Clara, CA 95054 (US).

(72) **KO, Lawrence, K., C.**; 46642 Paseo Padre Parkway, Fremont, CA 94539 (US). **ZHU, Fei, Hong**; 2008 Ensign Way, San Jose, CA 95137 (US).

(74) **ELDREDGE, John, W.**; Christie, Parker & Hale, LLP, P.O. Box 7068, Pasadena, CA 91109–7068 (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 TJ TM TR TT UA UG UZ VN YU; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22941** (13) A1

(21) PCT/US97/19007

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) en (26) en

(31) 08/752,335 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G11B 5/596

(54) AN IMPROVED DISK DRIVE SYSTEM
PERFECTIONNEMENT D'UN SYSTEME D'UNITE DE DISQUE

(71) **MAXTOR CORPORATION** [US/US]; 2190 Miller Drive, Longmont, CO 80501 (US).

(72) **McMURTREY, David, S.**; 4708 Crestridge Court, Loveland, CO 80537 (US).

(74) **SCOTT, John, C.** et al. / etc.; Sheridan Ross P.C., Suite 3500, 1700 Lincoln Street, Denver, CO 80203–4501 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22942** (13) A1

(21) PCT/GB97/03152

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 9623851.4 (32) **16 Nov/nov 1996 (16.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G11B 5/712, 5/62

(54) MAGNETIZABLE DEVICE
DISPOSITIF MAGNETISABLE

(71, 72) **MAYES, Eric, Leigh** [US/GB]; 5 Brock Street, Bath BA1 26N (GB). **TYLER, Malvin, Nicolas** [GB/GB]; 9 The Circus, Bath BA1 2EW (GB).

(74) **NASH, David, Allan**; Haseltine Lake & Co., Imperial House, 15–19 Kingsway, London WC2B 6UD (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22943** (13) A1

(21) PCT/GB97/03123

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 9623766.4 (32) **15 Nov/nov 1996 (15.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G11B 7/125, 7/00

(54) OPTICAL DISC READER
LECTEUR DE DISQUE OPTIQUE

(71) **VERITY GROUP PLC** [GB/GB]; Stonehill, Huntingdon, Cambridgeshire PE18 6ED (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOGHADDAM, Touraj** [GB/GB]; Verity Group plc, Stonehill, Huntingdon, Cambridgeshire PE18 6ED (GB).

(74) **MAGUIRE BOSS**; 5 Crown Street, St. Ives, Cambridgeshire PE17 4EB (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22944** (13) A1

(21) PCT/JP97/04183

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) ja (26) ja

(31) 8/307553 (32) **19 Nov/nov 1996 (19.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G11B 17/26

(54) DISK CHANGER
CHANGEUR DE DISQUES

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

(72, 75) **MIYOSHI, Seizo** [JP/JP]; 38–18, Kunimatsucho, Neyagawa–shi, Osaka 572 (JP). **NAKAMURA, Masahiko** [JP/JP]; 1–4–53, Kire, Hirano–ku, Osaka–shi, Osaka 547 (JP). **MORIOKA, Yukio** [JP/JP]; 1–6–8, Hoshida, Katano–shi, Osaka 576 (JP). **ONISHI, Masanori** [JP/JP]; 17–11, Minamimachi, Higashikori, Hirakata–shi, Osaka 573 (JP).

(74) **MORIMOTO, Yoshihiro**; All Nippon Airways (Nishi–Hommachi) Building, 4th floor, 10–10, Nishi–Hommachi 1–chome, Nishi–ku, Osaka–shi, Osaka 550 (JP).

(81) CN DE SG US.

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(11) **WO 98/22945** (13) A1

(21) PCT/JP97/04184

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) ja (26) ja

(31) 8/307554 (32) **19 Nov/nov 1996 (19.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G11B 17/26

(54) DISK CHANGER
CHANGEUR DE DISQUES

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

(72, 75) **MIYOSHI, Seizo** [JP/JP]; 38–18, Kunimatsucho, Neyagawa–shi, Osaka 572 (JP). **NAKAMURA, Masahiko** [JP/JP]; 1–4–53, Kire, Hirano–ku, Osaka–shi, Osaka 547 (JP). **OTA, Takeshi** [JP/JP]; 3–240–D–808, Onjinakamachi, Yao–shi, Osaka 581 (JP). **KOSHINO, Katsuhiko** [JP/JP]; 172–46, Takamiya, Neyagawa–shi, Osaka 572 (JP).

(74) **MORIMOTO, Yoshihiro**; All Nippon Airways (Nishi–Hommachi) Building, 4th floor, 10–10, Nishi–Hommachi 1–chome, Nishi–ku, Osaka–shi, Osaka 550 (JP).

(81) CN DE SG US.

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(11) **WO 98/22946** (13) A2

(21) PCT/IB97/01300

(22) **20 Oct/oct 1997 (20.10.1997)**

(25) en (26) en

(31) 96203218.1 (32) **18 Nov/nov 1996 (18.11.1996)** (33) EP

(34) NL et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G11B 27/19, 20/12

(54) WRITING DEVICE, RECORD CARRIER AND WRITING METHOD, AND READING DEVICE FOR READING INFORMATION BLOCKS
DISPOSITIF D'ECRITURE, SUPPORT D'ENREGISTREMENT, PROCEDE D'ECRITURE ET DISPOSITIF DE LECTURE PERMETTANT DE LIRE DES BLOCS D'INFORMATIONS

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

(71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **FRANK, Franz, Hermann, Ulrich**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **FAESSEN, Louis, M., H.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

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

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(11) **WO 98/22947** (13) A1

(21) PCT/IB97/01302

(22) **20 Oct/oct 1997 (20.10.1997)**

(25) en (26) en

(31) 96203218.1 (32) **18 Nov/nov 1996 (18.11.1996)** (33) EP

(34) NL et al. / etc.

(31) 96203285.0 (32) **26 Nov/nov 1996 (26.11.1996)** (33) EP

(34) NL et al. / etc.

(31) 97200761.1 (32) **14 Mar/mar 1997 (14.03.1997)** (33) EP

(34) NL et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G11B 27/28, 20/12, 19/02

(54) WRITING DEVICE, RECORD CARRIER AND METHOD OF WRITING INFORMATION BLOCKS, AND READING DEVICE FOR READING INFORMATION BLOCKS
DISPOSITIF D'ECRITURE, SUPPORT D'ENREGISTREMENT, PROCEDE D'ECRITURE DE BLOCS D'INFORMATIONS, ET DISPOSITIF DE LECTURE PERMETTANT DE LIRE CES BLOCS D'INFORMATIONS

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

(71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **VAN DEN ENDEN, Gijsbert, Joseph**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **JANSSEN, Antonius, Petrus, Gerardus, Emanuel**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **NIESSEN, Arnoldus, Jeroen**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **TEUNISSEN, Cornelis**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **FRANK, Franz, Hermann, Ulrich**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **FAESSEN, Louis, M., H.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

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

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(11) **WO 98/22948** (13) A1

(21) PCT/JP97/04241

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) ja (26) ja

(31) 8/309795 (32) **20 Nov/nov 1996 (20.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G11B 33/02, H05K 7/14, G11B 33/12, H05K 5/03, G11B 33/14

(54) ELECTRONIC APPARATUS, AND RECORDER AND/OR REPRODUCER OF RECORDING MEDIUM
DISPOSITIF ELECTRONIQUE, ET ENREGISTREUR ET/OU DISPOSITIF DE REPRODUCTION DE SUPPORTS ENREGISTRES

(71) **SONY CORPORATION** [JP/JP]; 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **AIZAWA, Hidekuni** [JP/JP]; Sony Corporation, 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141 (JP). **TANAKA, Satomi** [JP/JP]; Sony Corporation, 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141 (JP). **TAMURA, Kenichi** [JP/JP]; Sony Corporation, 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141 (JP).

(74) **KOIKE, Akira** et al. / etc.; No. 11 Mori Building, 6–4, Toranomon 2–chome, Minato–ku, Tokyo 105 (JP).

(81) CN DE ID KR US.

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(11) **WO 98/22949** (13) A1

(21) PCT/SG97/00062

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 9611326–1 (32) **20 Nov/nov 1996 (20.11.1996)** (33) SG

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G11B 33/08

(54) A FLOATING FRAME FOR OPTICAL STORAGE DEVICE LOADING MECHANISM
CHASSIS FLOTTANT POUR TIROIR DE CHARGEMENT DE MEMOIRE OPTIQUE

(71) **OMNI PERIPHERALS PTE LTD.** [SG/SG]; 118 Innovation Centre, Nanyang Technological University, Nanyang Drive, Singapore 639798 (SG).

(72) **NGUYEN, Michael, Anh**; 548 Choa Chu Kang Street 52, #05–27, Singapore 680548 (SG). **LI, Yong**; Block 511, Bukit Batok Street 52, #07–193, Singapore 650511 (SG).

(74) **HO, Lawrence, Y., D.**; Thongsia Building, 30 Bideford Road #07–02/03, Singapore 229922 (SG).

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

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(11) **WO 98/22950** (13) A1

(21) PCT/US96/18674

(22) **22 Nov/nov 1996 (22.11.1996)**

(25) en (26) en

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G11C 11/34, 7/00

(54) WRITE PROTECTED, NON–VOLATILE MEMORY DEVICE WITH USER PROGRAMMABLE SECTOR LOCK CAPABILITY
MEMOIRE NON VOLATILE PROTEGEE EN ECRITURE AVEC POSSIBILITE DE VERROUILLAGE DE SECTEUR PROGRAMMABLE PAR L'UTILISATEUR

(71) **MACRONIX INTERNATIONAL CO., LTD.** [–/–]; 3 Creation Road 3rd, Science–Based Industrial Park, Hsinchu (TW). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CHUANG, Weitong** [US/–]; 12F, 5–10 Lane 11, Da–Dune 2nd Street, Taichung 408 (TW). **HUNG, Chun–Hsiung** [–/–]; 4F, 5 Alley 3, Lane 81, University Road, Hsinchu (TW). **CHANG, Kuen–Long** [–/–]; 4F, 21 Alley 23, Lane 109, Pao–I Road, Mucha Taipei 116 (TW). **LIU, Yin–Shang** [–/–]; 10 Alley 5, Lane 113, Yuh–Ing Street, Tsao–Twen 542 (TW). **CHENG, Yao–Wu** [–/–]; 3F, 5 Lane 118, Hoping E. Road, Section 2, Taipei (TW).

(74) **HAYNES, Mark, A.**; Wilson, Sonsini, Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304–1050 (US).

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

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(11) **WO 98/22951** (13) A1

(21) PCT/US97/20997

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/752,414 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G11C 29/00, G06F 11/273, G01R 31/319

(54) MEMORY TESTER WITH DATA COMPRESSION
TESTEUR DE MEMOIRE A COMPRESSION DE DONNEES

(71) **TERADYNE, INC.** [US/US]; 321 Harrison Avenue, Boston, MA 02118 (US).

(72) **BROWN, Benjamin, J.**; 1159 Tyndall Court, Lake Oswego, OR 97034 (US). **GAGE, Robert, B.**; 13475 S.W. Tapadera Street, Beaverton, OR 97008 (US). **DONALDSON, John, F.**; 121 Longfellow Street, Thousand Oaks, CA 91360 (US). **JOFFE, Alexander**; 245 Siesta Avenue, Thousand Oaks, CA 91360 (US).

(74) **GAMACHE, Richard, E.**; Teradyne, Inc., 321 Harrison Avenue, Boston, MA 02118 (US).

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

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(11) **WO 98/22952** (13) A1

(21) PCT/US97/20963

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/751,739 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G21F 5/12

(54) VENT ASSEMBLIES
ENSEMBLES EVENTS

(63) US 08/751,739 (CON)
18 Nov/nov 1996 (18.11.1996)

(71) **NUCLEAR FILTER TECHNOLOGY, INC.** [US/US]; Suite R, 741 Corporate Circle, Golden, CO 80401 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WICKLAND, Terry, J.** [US/US]; 23722 Pond View, Golden, CO 80401 (US). **BRASSELL, Emily** [US/US]; 13595 W. 65th Drive, Arvada, CO 80004 (US).

(74) **MOSES, John, R.** et al. / etc.; Millen, White, Zelano & Branigan, P.C., Suite 1400, Arlington Courthouse Plaza I, 2200 Clarendon Boulevard, Arlington, VA 22201 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22953** (13) A1

(21) PCT/GB97/03134

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 9623953.8 (32) **15 Nov/nov 1996 (15.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G21F 9/00

(54) REDUCING RADIONUCLIDE SURFACE CONTAMINATION OF A METALLIC COMPONENT
LIMITATION DE LA CONTAMINATION DE LA SURFACE D'UN ELEMENT METALLIQUE PAR DES RADIONUCLEIDES

(71) **BABCOCK ROSYTH DEFENCE LIMITED** [GB/GB]; Rosyth Royal Dockyard, Rosyth, Fife KY11 2YD (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SOLLY, Alfred, Richard** [GB/GB]; Advanced Coating Technology Limited, Brockhampton Road, Havant PO9 1JN (GB). **PHILP, Duncan** [GB/GB]; Babcock Rosyth Defence Limited, Rosyth Royal Dockyard, Rosyth, Fife KY11 2YD (GB).

(74) **LEWIS, David, Overington**; Babcock International Limited, The Lodge, Badminton Court, Church Street, Amersham, Buckinghamshire HP7 0DD (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22954** (13) A1

(21) PCT/GB97/03156

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 9624006.4 (32) **19 Nov/nov 1996 (19.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] G21F 9/08, 9/14, G21C 19/46

(54) NUCLEAR REPROCESSING SOLVENT TREATMENT
TRAITEMENT DE SOLVANT UTILISE DANS LE RETRAITEMENT DE COMBUSTIBLE USE

(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) **HUTSON, Victor, Graham** [GB/GB]; (GB). **EAVES, Chris** [GB/GB]; British Nuclear Fuels plc, Sellafield R & D, B229, Sellafield, Seascale, Cumbria CA20 1PG (GB).

(74) **HARRISON, Michael, Robert**; Harrison Goddard Foote, Belmont House, 20 Wood Lane, Leeds LS6 2AE (GB).

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

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(11) **WO 98/22955** (13) A1

(21) PCT/JP97/03865

(22) **23 Oct/oct 1997 (23.10.1997)**

(25) ja (26) ja

(31) 8/311962 (32) **22 Nov/nov 1996 (22.11.1996)** (33) JP

(31) 8/322688 (32) **3 Dec/déc 1996 (03.12.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01B 7/02, 3/30, C09D 177/06, C09J 177/06, C08L 77/06, H01F 5/06, H01J 29/76

(54) SELF–FUSIBLE INSULATED WIRE
CABLE ISOLE AUTO–FUSIBLE

(71) **KANEKA CORPORATION** [JP/JP]; 2–4, Nakanoshima 3–chome, Kita–ku, Osaka–shi, Osaka 530 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAGAMINE, Seiichi** [JP/JP]; 22–7, Sakamoto 7–chome, Otsu–shi, Shiga 520–01 (JP). **NISHIDA, Shigeo** [JP/JP]; 1–1, Hieitsuji 2–chome, Otsu–shi, Shiga 520–01 (JP). **UKAWA, Takeshi** [JP/JP]; 6–12, Shigasato 2–chome, Otsu–shi, Shiga 520 (JP). **TAMURA, Kazushige** [JP/JP]; 1–1, Hieitsuji 2–chome, Otsu–shi, Shiga 520–01 (JP).

(74) **YANAGINO, Takao**; Noskmard Building, 15–5, Miyahara 1–chome, Yodogawa–ku, Osaka–shi, Osaka 532 (JP).

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

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(11) **WO 98/22956** (13) A1

(21) PCT/IB97/01345

(22) **27 Oct/oct 1997 (27.10.1997)**

(25) en (26) en

(31) 96203189.4 (32) **15 Nov/nov 1996 (15.11.1996)** (33) EP

(34) AT et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01F 1/121, F02D 11/10

(54) ACTUATOR WITH MINIMIZED AUXILIARY MAGNET, AND THROTTLE DEVICE PROVIDED WITH SUCH AN ACTUATOR
DISPOSITIF D'ACTIONNEMENT COMPORTANT UN AIMANT AUXILIAIRE D'UNE TAILLE MINIME, ET DISPOSITIF DE COMMANDE DES GAZ FAISANT APPEL A CE DISPOSITIF D'ACTIONNEMENT

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

(71) **PHILIPS PATENTVERWALTUNG GMBH** [DE/DE]; Röntgenstrasse 24, D–22335 Hamburg (DE).
(only for / seulement pour DE)

(71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **ACKERMANN, Bernd**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **WOLFS, Marc, J., M.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

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

Published / Publiée : *(c)*

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(11) **WO 98/22957** (13) A1

(21) PCT/US97/21664

(22) **24 Nov/nov 1997 (24.11.1997)**

(25) en (26) en

(31) 754,916 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01F 7/02

(54) APPARATUS FOR GENERATING UNIFORM MAGNETIC FIELDS WITH MAGNETIC WEDGES
APPAREIL PERMETTANT DE GENERER UN CHAMP MAGNETIQUE UNIFORME AVEC DES COINS MAGNETIQUES

(71) **NEW YORK UNIVERSITY** [US/US]; 70 Washington Square South, New York, NY 10012 (US).

(72) **ABELE, Manlio, G.**; 5 East 22nd Street, New York, NY 10010 (US). **RUSINEK, Henry**; 24 Florence Street, Great Neck, NY 11023 (US). **JENSEN, Jens**; 25 Harrison Avenue, Harrison, NY 10528 (US).

(74) **HAERTER, Martin, W.** et al. / etc.; Darby & Darby P.C., 805 Third Avenue, New York, NY 10022 (US).

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

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(11) **WO 98/22958** (13) A1

(21) PCT/SE97/01953

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) sv (26) en

(31) 9604282–5 (32) **22 Nov/nov 1996 (22.11.1996)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01F 27/36, H05K 9/00

(54) ELECTRODE FOR FIELD CONTROL
ELECTRODE POUR LA COMMANDE DE CHAMP

(71) **ABB RESEARCH LTD.** [CH/CH]; c/o Asea Brown Boveri AB, Patent, S–721 78 Västerås (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FROMM, Udo** [DE/SE]; Karlfeldtsgatan 11 A, S–722 22 Västerås (SE). **LEIJON, Mats** [SE/SE]; Hyvlargatan 5, S–723 35 Västerås (SE). **MING, Li** [CN/SE]; Högby Skogsväg 1, S–723 41 Västerås (SE). **WINDMAR, Dan** [SE/SE]; Smedstorpet 18, S–744 95 Vittinge (SE).

(74) **LUNDBLAD VANNESJÖ, Katarina**; Asea Brown Boveri AB, Patent, S–721 78 Västerås (SE).

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

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(11) **WO 98/22959** (13) A1

(21) PCT/RU97/00311

(22) **1 Oct/oct 1997 (01.10.1997)**

(25) ru (26) ru

(31) 96122230 (32) **20 Nov/nov 1996 (20.11.1996)** (33) RU

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01F 29/14, G05F 1/32

(54) SATURATION CHOKE COIL
BOBINE D'ARRET DE SATURATION

(71) **OTKRYTOE AKTSIONERNOE OBSCHESTVO "ROSSIISKAYA ELEKTROTEKHNICHESKAYA KOMPANIA"** [RU/RU]; ul. 8 Marta, 267B, Ekaterinburg, 620003 (RU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOBKOV, Vladimir Alexandrovich** [RU/RU]; ul. Posadskaya, 12A–285, Ekaterinburg, 620146 (RU). **NEUIMIN. Oleg Alexandrovich** [RU/RU]; ul. Shaumyana, 107–105, Ekaterinburg, 620102 (RU).

(74) **BARAKSHINA, Olga Ivanovna**; ul. Listopadnaya, 8–5, Ekaterinburg, 620048 (RU).

(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 SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22960** (13) A1

(21) PCT/RO97/00008

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) de (26) de

(31) 96–02189 (32) **20 Nov/nov 1996 (20.11.1996)** (33) RO

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01F 41/04, 41/12

(54) WINDING FOR ELECTRONICALLY SWITCHED RELUCTANCE MOTORS
ENROULEMENT POUR MOTEURS A RELUCTANCE COMMUTES ELECTRONIQUEMENT

(71, 72) **LUNGU, Iancu** [RO/RO]; Str. Trapezului 5, G1A, ap. 40, R–74381 Bukarest 3 (RO).

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

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(11) **WO 98/22961** (13) A1

(21) PCT/EP97/06324

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) de (26) de

(31) 196 48 133.3 (32) **21 Nov/nov 1996 (21.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01F 41/12, B29C 35/08, H02K 15/12

(54) METHOD OF IMPREGNATING COMPONENTS
PROCEDE D'IMPREGNATION DE COMPOSANTS

(71) **DR. BECK & CO. AG** [DE/DE]; Großmannstrasse 105, D–20539 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LIENERT, Klaus–Wilhelm** [DE/DE]; Bernadottestrasse 54, D–22763 Hamburg (DE). **HEGEMANN, Günter** [DE/DE]; Andreasstrasse 23, D–22301 Hamburg (DE). **BLUM, Rainer** [DE/DE]; Rüdigerstrasse 64, D–67069 Ludwigshafen (DE). **EICHHORST, Manfred** [DE/DE]; Am Ohlendiek 18, D–22113 Oststeinbek (DE).

(74) **KLUTH, Bernhard**; BASF Coatings AG, Glasuritstrasse 1, D–48165 Münster (DE).

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

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(11) **WO 98/22962** (13) A1

(21) PCT/EP97/06325

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) de (26) de

(31) 196 48 134.1 (32) **21 Nov/nov 1996** (33) DE **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01F 41/12, H02K 15/12, B29C 35/08

(54) METHOD OF IMPREGNATING COMPONENTS
PROCEDE D'IMPREGNATION D'ELEMENTS CONSTITUTIFS

(71) **DR. BECK & CO. AG** [DE/DE]; Großmannstrasse 105, D–20539 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LIENERT, Klaus–Wilhelm** [DE/DE]; Bernadottestrasse 54, D–22763 Hamburg (DE). **BLUM, Rainer** [DE/DE]; Rüdigerstrasse 64, D–67069 Ludwigshafen (DE). **HEGEMANN, Günter** [DE/DE]; Andreasstrasse 23, D–22301 Hamburg (DE). **EICHHORST, Manfred** [DE/DE]; Am Ohlendiek 18, D–22113 Oststeinbek (DE).

(74) **KLUTH, Bernhard**; BASF Coatings AG, Glasuritstrasse 1, D–48165 Münster (DE).

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

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(11) **WO 98/22963** (13) A1

(21) PCT/US97/22082

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 08/752,312 (32) **19 Nov/nov 1996** (33) US **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01G 9/00, 9/02, 4/32, 2/02, 4/228, 5/38, 9/00, 4/06, 4/015, H01M 6/46

(54) IMPROVED ULTRACAPACITOR DESIGN
CONCEPTION D'ULTRACONDENSATEUR AMELIORE

(71) **BOUNDLESS CORP.** [US/US]; Suite 390, 4001 Discovery Drive, Boulder, CO 80303 (US).

(72) **LYMAN, Philip, C.**; 2800 LaGrange Circle, Boulder, CO 80303 (US).

(74) **CROUCH, Robert, G.** et al. / etc.; Chrisman, Bynum & Johnson, P.C., 1900 Fifteenth Street, Boulder, CO 80302 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22964** (13) A1

(21) PCT/FR97/02053

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) fr (26) fr

(31) 96/14011 (32) **18 Nov/nov 1996** (33) FR **(18.11.1996)**

(31) 97/09372 (32) **23 Jul/juil 1997** (33) FR **(23.07.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01H 13/70

(54) KEYBOARD APPARATUS WITH ALPHANUMERIC KEYS
APPAREIL A CLAVIER A TOUCHES ALPHANUMERIQUES

(71, 72) **LEFEVRE, Michel** [FR/FR]; 12, rue d'Ivry, F–27000 Evreux (FR).

(74) **COSTANTINI, Paul**; 18, rue Rabelais, F–91800 Brunoy (FR).

(81) AT BR CA CN FI HU JP KR NO US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/22965** (13) A1

(21) PCT/US97/19111

(22) **17 Oct/oct 1997 (17.10.1997)**

(25) en (26) en

(31) 08/754,737 (32) **21 Nov/nov 1996** (33) US **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01H 50/02

(54) ELECTROMAGNETIC RELAY
RELAIS ELECTROMAGNETIQUE

(71) **SIEMENS ELECTROMECHANICAL COMPONENTS, INC.** [US/US]; 200 South Richland Creek Drive, Princeton, IN 47671 (US).

(72) **DONEGHUE, Jeffrey, A.**; R.R. #1, Box 158, Lawrenceville, IL 62439 (US).

(74) **PASCHBURG, Donald, B.** et al. / etc.; Siemens Corporation, Intellectual Property Dept., 186 Wood Avenue South, Iselin, NJ 08830 (US).

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

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(11) **WO 98/22966** (13) A1

(21) PCT/DE97/02603

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) de (26) de

(31) 196 48 053.1 (32) **20 Nov/nov 1996** (33) DE **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01H 50/54

(54) ELECTROMAGNETIC SWITCHING DEVICE
DISPOSITIF DE COMMUTATION ELECTROMAGNETIQUE

(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) **PFAB, Hans** [DE/DE]; Nr. 1, D–92256 Hahnbach (DE).

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

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(11) **WO 98/22967** (13) A2

(21) PCT/US97/19767

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 60/029,922 (32) **1 Nov/nov 1996** (33) US **(01.11.1996)**

(31) 08/920,011 (32) **26 Aug/Août 1997** (33) US **(26.08.1997)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01J

(54) A CATHODE ASSEMBLY
ENSEMBLE CATHODIQUE

(71) **SI DIAMOND TECHNOLOGY, INC.** [US/US]; 12100–A Technology Boulevard, Austin, TX 78727 (US).

(72) **BOJKOV, Christo, P.**; 2373 N.W. 185th Avenue #401, Hillsboro, OR 97124 (US). **FINK, Richard, Lee**; 11406 Bunting Drive, Austin, TX 78759 (US). **KUMAR, Nalin**; 11812 Buckingham Road, Austin, TX 78759 (US). **TIKHONSKI, Alexei**; 12702 Pond Wood Road #1616, Austin, TX 78729 (US). **YANIV, Zvi**; 2270 E. Hammond, Bloomfield Hills, MI 48302 (US).

(74) **KORDZIK, Kelly, K.** et al. / etc.; Winstead Sechrest & Minick P.C., Suite 5400, 1201 Elm Street, Dallas, TX 75270–2199 (US).

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

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(11) **WO 98/22968** (13) A1

(21) PCT/US97/17491

(22) **29 Sep/sep 1997 (29.09.1997)**

(25) en (26) en

(31) 08/754,400 (32) **21 Nov/nov 1996** (33) US **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01J 3/00

(54) METHOD AND APPARATUS FOR DOCKING AND UNDOCKING A NOTEBOOK COMPUTER
PROCEDE DE CONNEXION ET DE DECONNEXION D'UN ORDINATEUR BLOC–NOTES ET DISPOSITIF CORRESPONDANT

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) **CHO, Sung–Soo**; 1521 Jasper Drive, Sunnyvale, CA 94087 (US). **BRYANT, Diane, M.**; 1197 Fairview Avenue, San Jose, CA 95125 (US). **KARDACH, James, P.**; 20271 Lapaloma Avenue, Saratoga, CA 95070 (US). **DENG, Feng**; 1266 Vicente Drive #F, Sunnyvale, CA 94086 (US).

(74) **TAYLOR, Edwin, H.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

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

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(11) **WO 98/22969** (13) A1

(21) PCT/KR97/00225

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 96122058 (32) **18 Nov/nov 1996 (18.11.1996)** (33) RU

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01J 27/16

(54) GAS DISCHARGE DEVICE
APPAREIL A DECHARGE GAZEUSE

(71) **PLASMA TECH CO., LTD.** [KR/KR]; Victoria Building 910, 705–1, Yoksam–dong, Kangnam–ku, Seoul 135–080 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANTONOVA, Tatyana Borisovna** [RU/RU]; ul. Tallinskaya, 6–103, Moscow (RU). **BOUGROV, Gleb Elmirovich** [RU/RU]; ul. Krasniy Kazanets, 13–171, Moscow, 111395 (RU). **KONDRANIN, Sergei Gennadievich** [RU/KR]; Korea Institute of Science and Technology, Guest House, 39–1, Hawolgok–dong, Sungbook–ku, Seoul 136–130 (KR). **KRÁLKINA, Elena Alexandrovna** [RU/KR]; Korea Institute of Science and Technology, Guest House, 39–1, Hawolgok–dong, Sungbook–ku, Seoul 136–130 (KR). **PAVLOV, Vladimir Borisovich** [RU/RU]; ul. Novgorodskaya, 14–2–77, Moscow, 127576 (RU). **ALEXANDROV, Andrei Fedorovich** [RU/RU]; ul. Garibaldi, 15–1–108, Moscow, 117355 (RU). **RUKHADZE, Anri Amvrosievich** [RU/RU]; ul. Obrucheva, 14–75, Moscow, 117421 (RU).

(74) **PARK, Jang, Won**; Park, Kim & Partner, Jewoo Building, 4th floor, 200, Nonhyun–dong, Kangnam–ku, Seoul 135–010 (KR).

(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 KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22970** (13) A1

(21) PCT/FR97/02081

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) fr (26) fr

(31) 96/14149 (32) **20 Nov/nov 1996 (20.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01J 27/18

(54) ELECTRONIC CYCLOTRON RESONANCE SOURCE FOR THE PRODUCTION OF IONS WITH MULTIPLE CHARGE IN A HOSTILE MEDIUM
SOURCE A RESONANCE CYCLOTRONIQUE ELECTRONIQUE POUR LA PRODUCTION D'IONS MULTICHARGES EN MILIEU HOSTILE

(71) **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31–33, rue de la Fédération, F–75015 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MELIN, Gérard** [FR/FR]; 13, chemin de la Croix–Gorge, F–38120 Saint–Egrève (FR). **DELAUNAY, Marc** [FR/FR]; 17, allée des Eminées, F–38240 Meylan (FR). **LUDWIG, Paul** [FR/FR]; 20, place des Géants, F–38100 Grenoble (FR).

(74) **BREVATOME**; 25, rue de Ponthieu, F–75008 Paris (FR).

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

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(11) **WO 98/22971** (13) A2

(21) PCT/GB97/03136

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 9623768.0 (32) **15 Nov/nov 1996 (15.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01J 37/00

(54) SCANNING ELECTRON MICROSCOPE
MICROSCOPE ELECTRONIQUE DE BALAYAGE

(71) **LEO ELECTRON MICROSCOPY LIMITED** [GB/GB]; Clifton Road, Cambridge CB1 3QH (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUDRAUD, Pierre** [FR/FR]; Résidence de l'Arche, 18, place des Loges, F–13086 Aix en Provence (FR). **CORBIN, Antoine** [FR/FR]; Résidence de l'Arche, 11, rue de l'Esplanade, F–13086 Aix en Provence (FR). **SAILER, Rainer** [DE/FR]; 21, rue Pavillon, F–13100 Aix en Provence (FR). **BATE, David, John** [GB/GB]; 73A Campkin Road, Cambridge CB4 2NP (GB).

(74) **KEITH W. NASH & CO.**; 90–92 Regent Street, Cambridge CB2 1DP (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22972** (13) A1

(21) PCT/CA97/00805

(22) **28 Oct/oct 1997 (28.10.1997)**

(25) en (26) en

(31) 60/031,296 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01J 49/42

(54) RF MASS SPECTROMETER
SPECTROMETRE DE MASSE RF

(71) **MDS INC.** [CA/CA]; 71 Four Valley Drive, Concord, Ontario L4K 4V8 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAGER, James** [US/CA]; 2747 Inlake Court, Mississauga, Ontario L5N 2A4 (CA).

(74) **BERESKIN & PARR**; 40th floor, 40 King Street West, Toronto, Ontario M5H 3Y2 (CA).

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

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(11) **WO 98/22973** (13) A2

(21) PCT/IB97/01296

(22) **20 Oct/oct 1997 (20.10.1997)**

(25) en (26) en

(31) 96203258.7 (32) **20 Nov/nov 1996 (20.11.1996)** (33) EP

(34) NL et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01J 61/02

(54) LAMPHOLDER AND LIGHTING UNIT COMPRISING A LAMPHOLDER
DOUILLE DE LAMPE ET UNITE D'ECLAIRAGE COMPORTANT CETTE DOUILLE

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

(71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **OP HET VELD, Johannes, Hubertus, Gerardus**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **BOUWMAN, Lambertus, Johannes, Maria**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **DE BIJL, Adrianus, Martinus, Johannes**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **EVERS, Johannes, H., M.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

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

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(11) **WO 98/22974** (13) A1

(21) PCT/IB97/01327

(22) **23 Oct/oct 1997 (23.10.1997)**

(25) en (26) en

(31) 96203226.4 (32) **22 Nov/nov 1996 (22.11.1996)** (33) EP

(34) AT et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01J 61/28

(54) HIGH PRESSURE DISCHARGE LAMP
LAMPE A DECHARGE ET A HAUTE PRESSION

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

(71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **DE MAAGT, Bennie, Josephus**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **BOFFITO, Claudio**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **EVERS, Johannes, H., M.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

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

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(11) **WO 98/22975** (13) A1

(21) PCT/IT97/00288

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) MI96A002449 (32) **22 Nov/nov 1996 (22.11.1996)** (33) IT

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01J 61/28

(54) OXYGEN DISPENSER FOR HIGH PRESSURE DISCHARGE LAMPS
DISTRIBUTEUR D'OXYGENE POUR LAMPES A DECHARGE A HAUTE PRESSION

(71) **SAES GETTERS S.P.A.** [IT/IT]; Viale Italia, 77, I–20020 Lainate (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOFFITO, Claudio** [IT/IT]; Via Papa Giovanni XXIII, 2, I–20017 Rho (IT). **DE MAAGT, Bennie, Josephus** [NL/NL]; Groenewoudseweg 1, NL–5621 BA Eindhoven (NL).

(74) **ADORNO, Silvano**; Società Italiana Brevetti S.p.A., Via Carducci, 8, I–20123 Milano (IT) 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22976** (13) A1

(21) PCT/JP97/04172

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) ja (26) ja

(31) 8/306160 (32) **18 Nov/nov 1996 (18.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01L 21/304, 21/321, B24B 37/00

(54) ABRADING METHOD FOR SEMICONDUCTOR DEVICE
PROCEDE D'ABRASION CONVENANT AUX SEMI–CONDUCTEURS

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4–chome, Chiyoda–ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOJIMA, Hiroyuki** [JP/JP]; 17–20, Kitamigata 2–chome, Takatsu–ku, Kawasaki–shi, Kanagawa 213 (JP). **SATO, Hidemi** [JP/JP]; 57–32, Nakatakita 3–chome, Izumi–ku, Yokohama–shi, Kanagawa 245 (JP). **OOKAWA, Tetsuo** [JP/JP]; 6202, 10–10, Minamimaioka 1–chome, Totsuka–ku, Yokohama–shi, Kanagawa 244 (JP). **URUSHIBARA, Mariko** [JP/JP]; 1–7, Nakaochiai 1–chome, Shinjuku–ku, Tokyo 161 (JP).

(74) **OGAWA, Katsuo**; Hitachi, Ltd., 5–1, Marunouchi 1–chome, Chiyoda–ku, Tokyo 100 (JP).

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

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(11) **WO 98/22977** (13) A1

(21) PCT/JP97/04225

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) ja (26) ja

(31) 8/324559 (32) **20 Nov/nov 1996 (20.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01L 21/31, 21/205, 21/3065, C23C 16/50, C23F 4/00, H05H 1/46

(54) PLASMA TREATING DEVICE
DISPOSITIF DE TRAITEMENT AU PLASMA

(71) **TOKYO ELECTRON LIMITED** [JP/JP]; 3–6, Akasaka 5–chome, Minato–ku, Tokyo 107 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ISHIZUKA, Shuichi** [JP/JP]; 202, Shiroyama New Heights, 4–19–29, Harajuku, Shiroyamamachi, Tsukui–gun, Kanagawa 220–01 (JP). **NAKASE, Risa** [JP/JP]; 206, Celsion Sagamihara, 6–8–6, Sagamihara, Sagamihara–shi, Kanagawa 229 (JP). **AOKI, Takeshi** [JP/JP]; 430, Maison De Noah Owada, 6–14–5, Owadamachi, Hachioji–shi, Tokyo 192 (JP).

(74) **SATO, Kazuo** et al. / etc.; Kyowa Patent & Law Office, Fuji Building, Room 323, 2–3, Marunouchi 3–chome, Chiyoda–ku, Tokyo 100 (JP).

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

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(11) **WO 98/22978** (13) A1

(21) PCT/US97/21883

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 08/752,112 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01L 21/463, 21/304, B24B 1/04, 7/04, 37/04, C09G 1/02

(54) METHOD OF PREPARING SILICON CARBIDE WAFERS FOR EPITAXIAL GROWTH
PROCEDE DE PREPARATION DE PLAQUETTES EN CARBURE DE SILICIUM POUR UN TIRAGE EPITAXIAL

(71) **NORTHROP GRUMMAN CORPORATION** [US/US]; 1840 Century Park East, Los Angeles, CA 90067–2199 (US).

(72) **AUGUSTINE, Godfrey**; 1400 Belmont Boulevard 308, Monroeville, PA 15146 (US). **BARRETT, Donovan, L.**; 126 Crescent Garden Drive, Pittsburgh, PA 15235 (US). **HALGAS, Elizabeth, Ann**; 1478 Judy Lane, Monroeville, PA (US).

(74) **GATES, William, L.** et al. / etc.; Birch, Stewart, Kolasch & Birch, LLP, P.O. Box 747, Falls Church, VA 22040–0747 (US).

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

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(11) **WO 98/22979** (13) A1

(21) PCT/US97/18157

(22) **30 Sep/sep 1997 (30.09.1997)**

(25) en (26) en

(31) 08/754,637 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01L 21/48, 21/60

(54) METHODS FOR FORMING AN INTERMETALLIC REGION BETWEEN A SOLDER BUMP AND AN UNDER BUMP METALLURGY LAYER AND RELATED STRUCTURES
TECHNIQUES PERMETTANT LA FORMATION D'UNE REGION INTERMETALLIQUE ENTRE UNE PERLE DE SOUDURE ET UNE COUCHE METALLURGIQUE SOUS–JACENTE A LADITE PERLE, STRUCTURES APPARENTEES

(63) US 08/754,637 (CIP)
21 Nov/nov 1996 (21.11.1996)

(71) **MCNC** [US/US]; 3021 Cornwallis Road, P.O. Box 12889, Research Triangle Park, NC 27709 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIS, Joseph, Daniel** [US/US]; 204 New Rail Drive, Cary, NC 27513 (US).

(74) **McCOY, Michael, D.** et al. / etc.; Bell Seltzer Intellectual Property Law Group, Alston & Bird LLP, P.O. Drawer 34009, Charlotte, NC 28234 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22980** (13) A1

(21) PCT/JP96/03407

(22) **21 Nov/nov 1996 (21.11.1996)**

(25) ja (26) ja

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01L 21/60

(54) SEMICONDUCTOR DEVICE AND PROCESS FOR MANUFACTURING THE SAME
DISPOSITIF A SEMI–CONDUCTEUR ET SON PROCEDE DE FABRICATION

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4–chome, Chiyoda–ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TSUBOSAKI, Kunihiro** [JP/JP]; 2–29–22, Higashihirayama, Hino–shi, Tokyo 191 (JP). **MIYAMOTO, Toshio** [JP/JP]; 5–19–1–416, Josuihoncho, Kodaira–shi, Tokyo 187 (JP).

(74) **TSUTSUI, Yamato**; Tsutsui & Associates, N.S. Excel 301, 22–45, Nishishinjuku 7–chome, Shinjuku–ku, Tokyo 160 (JP).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU IL IS JP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TR TT UA US UZ VN; AP (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22981** (13) A1

(21) PCT/IB97/01369

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 08/754,346 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01L 23/64, 27/01

(54) SEMICONDUCTOR INTEGRATED CIRCUIT WITH INDUCTOR
CIRCUIT INTEGRE SEMICONDUCTEUR A INDUCTEUR

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

(71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **LEE, Sheng–Hann**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **VAN DER VEER, Johannis, L.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

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

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(11) **WO 98/22982** (13) A1

(21) PCT/EP97/06380

(22) **15 Nov/nov 1997 (15.11.1997)**

(25) de (26) de

(31) 196 47 603.8 (32) **18 Nov/nov 1996 (18.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01L 27/148

(54) COLOUR IMAGE CHARGE–COUPLED SENSOR
CAPTEUR D'IMAGES EN COULEURS A COUPLAGE DE CHARGE

(71, 72) **BÖHM, Markus** [DE/DE]; Universität–Gesamthochschule Siegen, Institut für Halbleiterelektronik, Fachbereich 12, Elektrotechnik u. Informatik, Hölderlinstrasse 3, D–57068 Siegen (DE). **SCHULTE, Jürgen** [DE/DE]; Mainaustrasse 146, D–78464 Konstanz (DE).

(72, 75) **LULÉ, Tarék** [DE/DE]; Am Eichenhang 21, D–57076 Siegen (DE). **RIEVE, Peter** [DE/DE]; Hauptstrasse 142, D–51570 Windeck (DE).

(74) **COHAUSZ & FLORACK**; Kanzlerstrasse 8a, D–40472 Düsseldorf (DE).

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

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(11) **WO 98/22983** (13) A1

(21) PCT/JP96/03369

(22) **15 Nov/nov 1996 (15.11.1996)**

(25) ja (26) ja

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01L 29/786, 21/336

(54) SEMICONDUCTOR DEVICE AND PROCESS FOR MANUFACTURING THE SAME
DISPOSITIF A SEMI–CONDUCTEUR ET SON PROCEDE DE PRODUCTION

(71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAEDA, Shigenobu** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100 (JP). **YAMAGUCHI, Yasuo** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100 (JP). **IWAMATSU, Toshiaki** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100 (JP).

(74) **FUKAMI, Hisao** et al. / etc.; Sumitomo Bank Minamimori–machi Building, 1–29, Minamimori–machi 2–chome, Kita–ku, Osaka–shi, Osaka 530 (JP).

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

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(11) **WO 98/22984** (13) A1

(21) PCT/JP97/04115

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) ja (26) ja

(31) 8/304846 (32) **15 Nov/nov 1996 (15.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01L 35/32, 35/34

(54) METHOD OF MANUFACTURING THERMIONIC ELEMENT
PROCEDE DE FABRICATION D'UN ELEMENT THERMOIONIQUE

(71) **CITIZEN WATCH CO., LTD.** [JP/JP]; 1–1, Nishi–Shinjuku 2–chome, Shinjuku–ku, Tokyo 163–04 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HIRAISHI, Hisato** [JP/JP]; Citizen Watch Co., Ltd. Technical Laboratory, 840, Aza–Takeno, Oaza Shimotomi, Tokorozawa–shi, Saitama 359 (JP). **WATANABE, Shigeru** [JP/JP]; Citizen Watch Co., Ltd. Technical Laboratory, 840, Aza–Takeno, Oaza Shimotomi, Tokorozawa–shi, Saitama 359 (JP).

(74) **OSAWA, Takashi** et al. / etc.; Ikebukuro White House Building, Room 818, 20–2, Higashi Ikebukuro 1–chome, Toshima–ku, Tokyo 170 (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 HU IL 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22985** (13) A2

(21) PCT/DK97/00530

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 1307/96 (32) **18 Nov/nov 1996 (18.11.1996)** (33) DK

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01L 39/22, G01R 33/035

(54) SUPERCONDUCTIVE JOSEPHSON JUNCTION, METHOD OF ITS PREPARATION, AND ITS USE IN SQUIDS
JONCTION DE JOSEPHSON SUPRACONDUCTRICE, PROCEDE DE PREPARATION ASSOCIE, ET UTILISATION DANS DES SQUIDS

(71) **NKT RESEARCH CENTER A/S** [DK/DK]; Sognevej 11, DK–2605 Brøndby (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHEN, Yueqiang** [DK/DK]; Petersborgvej 3, 4.th., DK–2100 Copenhagen Ø (DK).

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

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

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(11) **WO 98/22986** (13) A2

(21) PCT/IB97/01664

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/747,778 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01M

(54) LITHIUM ION ELECTROLYTIC CELL AND METHOD FOR FABRICATING SAME
CELLULES ELECTROLYTIQUES A IONS LITHIUM ET PROCEDE DE FABRICATION DESDITES CELLLULES

(71) **MITSUBISHI CHEMICAL CORPORATION** [JP/JP]; 5–2, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100 (JP).

(72) **FAUTEUX, Denis, G.**; 359 Arlington Street, Acton, MA 01720 (US). **SHI, Jie**; 12 Marian Road, Acton, MA 01720 (US). **MASSUCCO, Arthur, A.**; 20 Tamarack Road, Natick, MA 01760 (US).

(74) **OKADA, Kazuhiko**; Okada & Associates, 2–4–4, Kudan–minami 2–chome, Chiyoda–ku, Tokyo 102 (JP).

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

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(11) **WO 98/22987** (13) A2

(21) PCT/US97/21276

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 60/031,184 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01M

(54) LAMINATED SHEET PRODUCT CONTAINING A PRINTED BATTERY
BATTERIE IMPRIMEE A INTEGRER A UN ARTICLE EN FEUILLE LAMINE

(71, 72) **McTAGGART, Stephen, I.** [US/US]; 76955 Indian Valley Road, San Miguel, CA 93451 (US).

(74) **LECHTER, Michael, A.** et al. / etc.; Squire, Sanders & Dempsey L.L.P., Suite 2700, Two Renaissance Square, 40 North Central Avenue, Phoenix, AZ 85004–4424 (US).

(81) AU CA GB NZ US.

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(11) **WO 98/22988** (13) A1

(21) PCT/JP97/04255

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) ja (26) ja

(31) 8/310489 (32) **21 Nov/nov 1996 (21.11.1996)** (33) JP

(31) 9/237368 (32) **2 Sep/sep 1997 (02.09.1997)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01M 2/16, 2/18, B32B 5/18, 5/02, B05D 7/04, 7/24

(54) SEPARATOR FOR LEAD–ACID BATTERY AND METHOD FOR MANUFACTURING THE SAME
SEPARATEUR POUR ACCUMULATEUR AU PLOMB ET PROCEDE DE FABRICATION ASSOCIE

(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) **SENOO, Toshikazu** [JP/JP]; Mitsui Chemicals, Inc., 3, Chigusa–Kaigan, Ichihara–shi, Chiba 299–0108 (JP). **SHOJI, Masaki** [JP/JP]; Mitsui Chemicals, Inc., 2–5, Kasumigaseki 3–chome, Chiyoda–ku, Tokyo 100–6070 (JP). **TABATA, Kunio** [JP/JP]; Shorin Industry Co., Ltd., 6–1, Sugahara–Dori 3–chome, Nagata–ku, Kobe–shi, Hyogo 653–0015 (JP). **SAKATA, Kenzo** [JP/JP]; Shorin Industry Co., Ltd., 6–1, Sugahara–Dori 3–chome, Nagata–ku, Kobe–shi, Hyogo 653–0015 (JP).

(74) **SUZUKI, Shunichiro**; Suzuki & Associates, Gotanda Yamazaki Building, 6F, 13–6, Nishigotanda 7–chome, Shinagawa–ku, Tokyo 141 (JP).

(81) CA CN KR US; EP (DE FR GB IT NL).

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(11) **WO 98/22989** (13) A1

(21) PCT/US97/21247

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/751,366 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 08/846,972 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01M 8/10, 8/08, 8/04

(54) NOVEL POLYMER ELECTROLYTE MEMBRANES FOR USE IN FUEL CELLS
MEMBRANES D'ELECTROLYTE POLYMERE POUR PILES A COMBUSTIBLE

(71) **UNIVERSITY OF SOUTHERN CALIFORNIA** [US/US]; Suite 313, 3716 S. Hope Street, University Park, CA 90027 (US). **CALIFORNIA INSTITUTE OF TECHNOLOGY** [US/US]; 1200 East California Boulevard, Pasadena, CA 91125 (US).

(72) **PRAKASH, G., K., Surya**; 1946 Deerpeak Drive, Hacienda Heights, CA 91745 (US). **OLAH, George, A.**; 2252 Gloaming Way, Beverly Hills, CA 90210 (US). **SMART, Marshall, C.**; 12732 Sarah Street, Studio City, CA 91604 (US). **NARAYANAN, S., R.**; 212 East Wapello Street, Altadena, CA 91001 (US). **WANG, Quingie, S.**; 217 Cherry Blossom Place, Hockessin, DE 19707 (US). **SURUMPUDI, Subbarao**; 1210 E. Leadora Avenue, Glendora, CA 91741 (US). **HALPERT, Gerald**; 1000 East California Boulevard #304, Pasadena, CA 91106 (US).

(74) **HARRIS, Scott, C.**; Fish & Richardson P.C., Suite 1400, 4225 Executive Square, La Jolla, CA 92037 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22990** (13) A1

(21) PCT/CA97/00886

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 08/752,735 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01M 8/24

(54) ELECTROCHEMICAL FUEL CELL STACK WITH COMPRESSION BANDS
EMPILEMENT DE PILES A COMBUSTIBLE ELECTROCHIMIQUE, DOTE DE BANDES DE SERRAGE

(71) **BALLARD POWER SYSTEMS INC.** [CA/CA]; 9000 Glenlyon Parkway, Burnaby, British Columbia V5J 5J9 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WOZNICZKA, Boguslaw** [CA/CA]; 306 Schoolhouse Street, Coquitlam, British Columbia V3K 6H9 (CA). **FLETCHER, Nicholas, J.** [CA/CA]; 3464 Point Grey Road, Vancouver, British Columbia V6R 1A5 (CA). **GIBB, Peter, R.** [CA/CA]; 3151 Plimsoll Street, Coquitlam, British Columbia V3C 3X7 (CA).

(74) **DE KOCK, Elbie, R.**; Russell Reyneke, Two Bentall Centre, Suite 700, 555 Burrard Street, Vancouver, British Columbia V7X 1M8 (CA).

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

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(11) **WO 98/22991** (13) A1

(21) PCT/NO97/00303

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) no (26) en

(31) 964898 (32) **18 Nov/nov 1996 (18.11.1996)** (33) NO

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01M 8/24

(54) FUELL CELL ARRANGEMENT
INSTALLATION DE CELLULES ELECTROCHIMIQUES

(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) **KLØV, Kåre** [NO/NO]; Magasinvn. 9, N–7028 Trondheim (NO). **SUNDAL, Per** [NO/NO]; Garvergt. 7, N–5037 Solheimsviken (NO).

(74) **THRANE, Dag**; ABC–Patent, Siviling. Rolf Chr. B. Larsen a.s, Brynsveien 5, N–0667 Oslo (NO).

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

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(11) **WO 98/22992** (13) A2

(21) PCT/US97/21086

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/751,320 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01Q

(54) DIRECT BROADCAST SATELLITE SYSTEM FOR MULTIPLE DWELLING UNITS
SYSTEME DE RADIODIFFUSION DIRECTE PAR SATELLITE POUR LOGEMENTS MULTIPLES

(71) **ETHNIC–AMERICAN BROADCASTING CO.** [US/US]; Suite 145, One Bridge Plaza, Fort Lee, NJ 07024 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NOVAK, Abram** [US/US]; Apartment 8M, 601 Surf Avenue, Brooklyn, NY 11235 (US).

(74) **MUANE, James, J.** et al. / etc.; Baker & Botts, LLP, 30 Rockefeller Plaza, New York, NY 10112–0228 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22993** (13) A1

(21) PCT/DE97/01379

(22) **2 Jul/juil 1997 (02.07.1997)**

(25) de (26) de

(31) 296 19 867.6 (32) **15 Nov/nov 1996 (15.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01R 13/658, H05K 5/00

(54) ELECTRICAL SWITCHING AND CONTROL DEVICE
DISPOSITIF DE COMMUTATION ET DE COMMANDE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D–70442 Stuttgart (DE).

(72) **BENTZ, Willy**; Alte Grosssachsenheimer Strasse, D–74343 Sachsenheim (DE). **SCHIEFER, Peter**; Eulenweg 8, D–74199 Untergruppenbach (DE). **DEPTULA, Piotr**; Firstwaldstrasse 15, D–72116 Mössingen (DE).

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

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(11) **WO 98/22994** (13) A1

(21) PCT/US97/21396

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 08/754,350 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01R 23/68

(54) HIGH SPEED AND HIGH DENSITY BACKPLANE CONNECTOR
CONNECTEUR DE FOND DE PANIER A GRANDE VITESSE ET HAUTE DENSITE

(71) **THE WHITAKER CORPORATION** [US/US]; Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US).

(72) **ROTHENBERGER, Richard, E.**; 261 Governor Stable Road, Bainbridge, PA 17502 (US).

(74) **DITTY, Bradley, N.**; The Whitaker Corporation, Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (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; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22995** (13) A2

(21) PCT/US97/18009

(22) **3 Oct/oct 1997 (03.10.1997)**

(25) en (26) en

(31) 08/725,750 (32) **4 Oct/oct 1996 (04.10.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01S

(54) PICOSECOND LASER
LASER A PICOSECONDES

(71) **JMAR TECHNOLOGY CO.** [US/US]; 3956 Sorrento Valley Boulevard, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RIEGER, Harry** [US/US]; 17127 Pomerado Way, San Diego, CA 92128 (US). **SHIELDS, Henry** [US/US]; 13770 Tres Vistas Court, San Diego, CA 92129 (US). **FOSTER, Richard, M.** [US/US]; 325 8th Street, Manhatten Beach, CA 90266 (US).

(74) **ROSS, John, R.**; P.O. Box 2138, Del Mar, CA 92014 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22996** (13) A2

(21) PCT/US97/19493

(22) **28 Oct/oct 1997 (28.10.1997)**

(25) en (26) en

(31) 08/739,020 (32) **28 Oct/oct 1996 (28.10.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01S

(54) EXTENDED WAVELENGTH LASERS HAVING A RESTRICTED GROWTH SURFACE AND GRADED LATTICE MISMATCH
LASER A LONGUEURS D'0NDES ETENDUES A SURFACE DE CROISSANCE RESTREINTE ET A DEGRADATION PROGRESSIVE DE RESEAU

(71) **PICOLIGHT INCORPORATED** [US/US]; 4622 Sunshine Canyon Drive, Boulder, CO 80302 (US).

(72) **JEWELL, Jack, L.**; 4622 Sunshine Canyon Drive, Boulder, CO 80302 (US).

(74) **JAGTIANI, Ajay, A.**; Jagtiani & Associates, 6126 Rocky Way Court, Centreville, VA 20120–3400 (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; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22997** (13) A2

(21) PCT/US97/21786

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/755,166 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01S

(54) SOLID STATE LASER SYSTEM FOR ULTRA–VIOLET MICRO–LITHOGRAPHY
SYSTEME DE LASER A SEMI–CONDUCTEUR POUR MICROGRAVURE UV

(63) US 08/755,166 (CIP)
22 Nov/nov 1996 (22.11.1996)

(71) **JMAR TECHNOLOGY CO.** [US/US]; Suite D, 3956 Sorrento Valley Boulevard, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHIELDS, Henry** [US/US]; 13770 Tres Vistas, San Diego, CA 92129 (US).

(74) **BROOK, Mitchell, P.**; Baker & McKenzie, Twelfth floor, 101 West Broadway, San Diego, CA 92101 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/22998** (13) A1

(21) PCT/US97/21241

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/752,057 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01S 3/18, 3/0959, B29D 11/00

(54) ELECTRON BEAM PUMPED SEMICONDUCTOR LASER SCREEN AND METHOD OF FORMING
ECRAN LASER A SEMI–CONDUCTEUR POMPE PAR FAISCEAU D'ELECTRONS ET SON PROCEDE DE FORMATION

(71) **MCDONNELL DOUGLAS** [US/US]; MC3061280, P.O. Box 516, St. Louis, MO 63166 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RICE, Robert, Rex** [US/US]; 14736 Greenlead Valley Drive, Chesterfield, MO 63017 (US). **RUGGIERI, Neil, Francis** [US/US]; 12908 Covington Gardens Drive, St. Louis, MO 63138 (US). **WHITELEY, John, Stanley** [US/US]; 3142 Autumn Trace Drive, Bridgeton, MO 63044 (US).

(74) **HALLING, Dale, B.**; Law Office of Dale B. Halling, Suite 202, 128 S. Tejon, Colorado Springs, CO 80903 (US).

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

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(11) **WO 98/22999** (13) A1

(21) PCT/EP97/06219

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) de (26) de

(31) 196 47 677.1 (32) **19 Nov/nov 1996 (19.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01S 3/23, 3/0941, 3/04, 3/10

(54) LASER SYSTEM AND AMPLIFYING SYSTEM TO PRODUCE SINGLE–FREQUENCY LASER IRRADIATION
SYSTEME LASER ET AMPLIFICATEUR POUR PRODUIRE UN FAISCEAU LASER A UNE SEULE FREQUENCE

(71) **DAIMLER–BENZ AG** [DE/DE]; Epplestrasse 225, D–70546 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHMITT, Nikolaus** [DE/DE]; Hohenzollernstrasse 152, D–80797 München (DE). **KÖNIGER, Max** [DE/DE]; Krennerweg 4d, D–81479 München (DE). **UNGER, Peter** [DE/DE]; Albert–Einstein–Allee 45, D–89081 Ulm (DE). **PRIBIL, Klaus** [DE/DE]; Seestrasse West 58, D–88090 Immenstaad (DE).

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

Published / Publiée : *(c)*

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(11) **WO 98/23000** (13) A1

(21) PCT/EP97/06220

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) de (26) de

(31) 196 47 878.2 (32) **19 Nov/nov 1996 (19.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H01S 3/23, 3/109, G02F 1/37

(54) LASER SYSTEM AND AMPLIFYING SYSTEM FOR PRODUCING A LASER BEAM IN THE VISIBLE WAVELENGTH AREA
SYSTEME LASER ET AMPLIFICATEUR POUR PRODUIRE UN FAISCEAU LASER DANS LA GAMME D'ONDES VISIBLES

(71) **DAIMLER–BENZ AG** [DE/DE]; Epplestrasse 225, D–70546 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHMITT, Nikolaus** [DE/DE]; Hohenzollernstrasse 152, D–80797 München (DE). **KÖNIGER, Max** [DE/DE]; Krennerweg 4d, D–81479 München (DE). **UNGER, Peter** [DE/DE]; Albert–Einstein–Allee 45, D–89081 Ulm (DE).

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

Published / Publiée : *(c)*

(11) **WO 98/23001** (13) A1

(21) PCT/EP97/06148

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) de (26) de

(31) 196 47 802.2 (32) **19 Nov/nov 1996 (19.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H02B 1/01, 1/32

(54) ASSEMBLY RAIL FOR A SWITCHING CABINET
RAIL DE MONTAGE POUR ARMOIRE DE DISTRIBUTION

(71) **RITTAL–WERK RUDOLF LOH GMBH & CO. KG** [DE/DE]; Auf dem Stützelberg, D–35745 Herborn (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BENNER, Rolf** [DE/DE]; Wilhelmstrasse 8, D–35745 Herborn (DE). **KÖHLER, Martina** [DE/DE]; Am Eichelberg 1, D–35745 Herborn (DE). **MÜNCH, Udo** [DE/DE]; Wetzlarer Strasse 23, D–35764 Sinn (DE). **REUTER, Wolfgang** [DE/DE]; Dorfstrasse 16, D–57299 Burbach 5 (DE).

(74) **FLECK, Hermann–Josef**; Markgröninger Strasse 47/1, D–71701 Schwieberdingen (DE).

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

Published / Publiée : *(c)*

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(11) **WO 98/23002** (13) A1

(21) PCT/EP97/06152

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) de (26) de

(31) 196 47 780.8 (32) **19 Nov/nov 1996 (19.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H02B 1/01, 1/30

(54) RACK WITH A LOWER FRAME AND AN UPPER FRAME MADE OF A CONTINUOUS SECTION
BAIE COMPORTANT UN CADRE INFERIEUR ET UN CADRE SUPERIEUR CONSTITUES D'UN PROFILE CONTINU

(71) **RITTAL–WERK RUDOLF LOH GMBH & CO. KG** [DE/DE]; Rudolf Loh GmbH & Co. KG, Auf dem Stützelberg, D–35745 Herborn (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BENNER, Rolf** [DE/DE]; Wilhelmstrasse 8, D–35745 Herborn (DE). **KÖHLER, Martina** [DE/DE]; Am Eichelberg 1, D–35745 Herborn (DE). **MÜNCH, Udo** [DE/DE]; Wetzlarer Strasse 23, D–35764 Sinn (DE). **REUTER, Wolfgang** [DE/DE]; Dorfstrasse 16, D–57299 Burbach 5 (DE).

(74) **FLECK, Hermann–Josef**; Jeck–Fleck–Herrmann, Klingengasse 2, D–71665 Vaihingen (DE).

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

Published / Publiée : *(c)*

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(11) **WO 98/23003** (13) A1

(21) PCT/DE97/02602

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) de (26) de

(31) 296 20 226.6 (32) **20 Nov/nov 1996 (20.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H02B 1/052

(54) FASTENING DEVICE FOR A HOUSING
DISPOSITIF DE FIXATION POUR UN BOITIER

(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) **SABISCH, Willy** [DE/DE]; In der Schmelz 5, D–92245 Kümmersbruck (DE).

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

Published / Publiée : *(c)*

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(11) **WO 98/23004** (13) A1

(21) PCT/EP97/06142

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) de (26) de

(31) 196 47 753.0 (32) **19 Nov/nov 1996 (19.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H02B 1/30, 1/32

(54) SWITCH CABINET WITH AN ASSEMBLY UNIT
ARMOIRE DE DISTRIBUTION COMPORTANT UNE UNITE DE MONTAGE

(71) **RITTAL–WERK RUDOLF LOH GMBH & CO. KG** [DE/DE]; Auf dem Stützelberg, D–35745 Herborn (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NICOLAI, Walter** [DE/DE]; Bahnhofstrasse 31, D–35418 Buseck (DE).

(74) **FLECK, Hermann–Josef**; Markgröninger Strasse 47/1, D–71701 Schwieberdingen (DE).

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

Published / Publiée : *(c)*

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(11) **WO 98/23005** (13) A1

(21) PCT/EP97/06144

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) de (26) de

(31) 196 47 814.6 (32) **19 Nov/nov 1996 (19.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H02B 1/30, 1/32, 1/01

(54) SWITCHING CABINET
ARMOIRE DE DISTRIBUTION

(71) **RITTAL–WERK RUDOLF LOH GMBH & CO. KG** [DE/DE]; Auf dem Stützelberg, D–35745 Herborn (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NICOLAI, Walter** [DE/DE]; Bahnhofstrasse 31, D–35418 Buseck (DE). **MÜNCH, Udo** [DE/DE]; Wetzlarer Strasse 23, D–35764 Sinn (DE). **STRACKBEIN, Heinrich** [DE/DE]; Steinfurthstrasse 3, D–35444 Biebertal (DE).

(74) **FLECK, Hermann–Josef**; Markgröninger Strasse 47/1, D–71701 Schwieberdingen (DE).

(81) AU BR CA CN CZ HU IL JP KR MX NO NZ PL RU SG SI US VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/23006** (13) A1

(21) PCT/EP97/06146

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) de (26) de

(31) 196 47 803.0 (32) **19 Nov/nov 1996 (19.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H02B 1/30, 1/01

(54) KIT FOR A RACK WITH A CORNER CONNECTOR FOR VERTICAL FRAME PIECES
JEU DE PIECES POUR BAIE A ELEMENT D'ASSEMBLAGE D'ANGLE POUR MONTANTS PROFILES VERTICAUX

(71) **RITTAL–WERK RUDOLF LOH GMBH & CO. KG** [DE/DE]; Auf dem Stützelberg, D–35745 Herborn (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BENNER, Rolf** [DE/DE]; Wilhelmstrasse 8, D–35745 Herborn (DE). **KÖHLER, Martina** [DE/DE]; Am Eichelberg 1, D–35745 Herborn (DE). **MÜNCH, Udo** [DE/DE]; Wetzlarer Strasse 23, D–35764 Sinn (DE). **REUTER, Wolfgang** [DE/DE]; Dorfstrasse 16, D–57299 Burbach 5 (DE).

(74) **FLECK, Herman–Josef**; Markgröninger Strasse 47/1, D–71701 Schwieberdingen (DE).

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

Published / Publiée : *(c)*

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(11) **WO 98/23007** (13) A1

(21) PCT/EP97/06147

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) de (26) de

(31) 196 47 727.1 (32) **19 Nov/nov 1996 (19.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H02B 1/30, 1/32

(54) RACK WITH SEVERAL ASSEMBLY LEVELS
BAIE COMPORTANT PLUSIEURS PLANS DE MONTAGE

(71) **RITTAL–WERK RUDOLF LOH GMBH & CO. KG** [DE/DE]; Auf dem Stützelberg, D–35745 Herborn (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BENNER, Rolf** [DE/DE]; Wilhelmstrasse 8, D–35745 Herborn (DE). **KÖHLER, Martina** [DE/DE]; Am Eichelberg 1, D–35745 Herborn (DE). **REUTER, Wolfgang** [DE/DE]; Dorfstrasse 16, D–57299 Burbach 5 (DE).

(74) **FLECK, Hermann–Josef**; Markgröninger Strasse 47/1, D–71701 Schwieberdingen (DE).

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

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(11) **WO 98/23008** (13) A1

(21) PCT/EP97/06149

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) de (26) de

(31) 196 47 754.9 (32) **19 Nov/nov 1996 (19.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H02B 1/30, 1/32, 1/01

(54) FRAME SECTION FOR A SWITCHING CABINET RACK
PROFILE DE CHASSIS POUR BAIE D'ARMOIRE DE DISTRIBUTION

(71) **RITTAL–WERK RUDOLF LOH GMBH & CO. KG** [DE/DE]; Auf dem Stützelberg, D–35745 Herborn (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BENNER, Rolf** [DE/DE]; Wilhelmstrasse 8, D–35745 Herborn–Amdorf (DE). **KÖHLER, Martina** [DE/DE]; Am Eichelberg, D–35745 Herborn (DE). **MÜNCH, Udo** [DE/DE]; Wetzlarer Strasse 23, D–35764 Sinn (DE). **REUTER, Wolfgang** [DE/DE]; Dorfstrasse 16, D–57299 Burbach 5 (DE).

(74) **FLECK, Hermann–Josef**; Markgröninger Strasse 47/1, D–71701 Schwieberdingen (DE).

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

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(11) **WO 98/23009** (13) A1

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(22) **6 Nov/nov 1997 (06.11.1997)**

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(31) 196 47 723.9 (32) **19 Nov/nov 1996** (33) DE **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H02B 1/30, 1/28

(54) RACK FOR A SWITCHING CABINET
BAIE POUR ARMOIRE DE DISTRIBUTION

(71) **RITTAL–WERK RUDOLF LOH GMBH & CO. KG** [DE/DE]; Auf dem Stützelberg, D–35745 Herborn (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KÖHLER, Martina** [DE/DE]; Am Eichelberg 1, D–35745 Herborn (DE). **REUTER, Wolfgang** [DE/DE]; Dorfstrasse 16, D–57299 Burbach 5 (DE).

(74) **FLECK, Herman–Josef**; Markgröninger Strasse 47/1, D–71701 Schwieberdingen (DE).

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

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(11) **WO 98/23010** (13) A1

(21) PCT/EP97/06154

(22) **6 Nov/nov 1997 (06.11.1997)**

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(31) 196 47 790.5 (32) **19 Nov/nov 1996** (33) DE **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H02B 1/30, 1/01

(54) SWITCHING CABINET WITH A RACK
ARMOIRE DE DISTRIBUTION COMPORTANT UNE BAIE

(71) **RITTAL–WERK RUDOLF LOH GMBH & CO. KG** [DE/DE]; Auf dem Stützelberg, D–35745 Herborn (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BENNER, Rolf** [DE/DE]; Wilhelmstrasse 8, D–35745 Herborn (DE). **KÖHLER, Martina** [DE/DE]; Am Eichelberg 1, D–35745 Herborn (DE). **MÜNCH, Udo** [DE/DE]; Wetzlarer Strasse 23, D–35764 Sinn (DE). **REUTER, Wolfgang** [DE/DE]; Dorfstrasse 16, D–57299 Burbach 5 (DE).

(74) **FLECK, Hermann–Josef**; Markgröninger Strasse 47/1, D–71701 Schwieberdingen (DE).

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

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(11) **WO 98/23011** (13) A1

(21) PCT/EP97/06143

(22) **6 Nov/nov 1997 (06.11.1997)**

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(31) 196 47 781.6 (32) **19 Nov/nov 1996** (33) DE **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H02B 1/32

(54) ASSEMBLY UNIT WITH AN ASSEMBLY RAIL
UNITE DE MONTAGE COMPORTANT UN RAIL DE MONTAGE

(71) **RITTAL–WERK RUDOLF LOH GMBH & CO. KG** [DE/DE]; Auf dem Stützelberg, D–35745 Herborn (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BENNER, Rolf** [DE/DE]; Wilhelmstrasse 8, D–35745 Herborn (DE). **KÖHLER, Martina** [DE/DE]; Am Eichelberg 1, D–35745 Herborn (DE). **MÜNCH, Udo** [DE/DE]; Wetzlarer Strasse 23, D–35764 Sinn (DE). **REUTER, Wolfgang** [DE/DE]; Dorfstrasse 16, D–57299 Burbach 5 (DE).

(74) **FLECK, Hermann–Josef**; Markgröninger Strasse 47/1, D–71701 Schwieberdingen (DE).

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

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(11) **WO 98/23012** (13) A1

(21) PCT/EP97/06150

(22) **6 Nov/nov 1997 (06.11.1997)**

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(31) 196 47 726.3 (32) **19 Nov/nov 1996** (33) DE **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H02B 1/38

(54) SWITCHING CABINET
ARMOIRE DE DISTRIBUTION

(71) **RITTAL–WERK RUDOLF LOH GMBH & CO. KG** [DE/DE]; Auf dem Stützelberg, D–35745 Herborn (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BENNER, Rolf** [DE/DE]; Wilhelmstrasse 8, D–35745 Herborn (DE). **KÖHLER, Martina** [DE/DE]; Am Eichelberg 1, D–35745 Herborn (DE). **MÜNCH, Udo** [DE/DE]; Wetzlarer Strasse 23, D–35764 Sinn (DE). **REUTER, Wolfgang** [DE/DE]; Dorfstrasse 16, D–57299 Burbach 5 (DE).

(74) **FLECK, Hermann–Josef**; Markgröninger Strasse 47/1, D–71701 Schwieberdingen (DE).

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

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(11) **WO 98/23013** (13) A1

(21) PCT/EP97/06153

(22) **6 Nov/nov 1997 (06.11.1997)**

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(31) 196 47 791.3 (32) **19 Nov/nov 1996** (33) DE **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H02B 53 /30

(54) CORNER CONNECTOR FOR A RACK
ELEMENT D'ASSEMBLAGE D'ANGLE POUR BAIE

(71) **RITTAL–WERK RUDOLF LOH GMBH & CO. KG** [DE/DE]; Auf dem Stützelberg, D–35745 Herborn (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BENNER, Rolf** [DE/DE]; Wilhelmstrasse 8, D–35745 Herborn (DE). **KÖHLER, Martina** [DE/DE]; Am Eichelberg 1, D–35745 Herborn (DE). **MÜNCH, Udo** [DE/DE]; Wetzlarer Strasse 23, D–35764 Sinn (DE). **REUTER, Wolfgang** [DE/DE]; Dorfstrasse 16, D–57299 Burbach 5 (DE).

(74) **FLECK, Hermann–Josef**; Markgröninger Strasse 47/1, D–71701 Schwieberdingen (DE).

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

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(11) **WO 98/23014** (13) A1

(21) PCT/FR97/02076

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) fr (26) fr

(31) 96/14257 (32) **19 Nov/nov 1996** (33) FR **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H02G 1/08

(54) PULL–IN SOCKET FOR CRIMPING OF CONNECTING WIRES ON AN ELECTRIC OR TELEPHONE CABLE
DOUILLE DE TIRAGE A SERTIR SUR CABLE ELECTRIQUE OU TELPHONIQUE

(71, 72) **LAVABRE, Vincent** [FR/FR]; 10, rue de Bourgogne, F–31130 Balma (FR).

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

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(11) **WO 98/23015** (13) A1

(21) PCT/BE96/00121

(22) **18 Nov/nov 1996 (18.11.1996)**

(25) nl (26) en

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H02G 3/16

(54) SAFETY CASING FOR TELEPHONE WIRING
BOITIER DE SECURITE POUR CABLES TELEPHONIQUES

(71) **ALCADI** [BE/BE]; Vilvoordsesteenweg 23 A, B–1850 Grimbergen (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MATTHYSSEN, Peter** [BE/BE]; Leuvensesteenweg 257, B–1910 Kampenhout (BE).

(74) **PIERAERTS, J.** et al. / etc.; Gevers Patents, Holidaystraat 5, B–1831 Diegem (BE).

(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 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 SK (Utility model / modèle d'utilité) TJ TM TR TT UA UG US UZ VN; AP (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23016** (13) A1

(21) PCT/NZ97/00139

(22) **20 Oct/oct 1997 (20.10.1997)**

(25) en (26) en

(31) 299761 (32) **15 Nov/nov 1996 (15.11.1996)** (33) NZ

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H02G 9/06

(54) IMPROVEMENTS RELATING TO CABLE PILLAR SYSTEMS
AMELIORATIONS CONCERNANT DES SYSTEMES DE PILIERS POUR CABLES

(71) **GYRO PLASTICS LIMITED** [NZ/NZ]; 198 Gracefield Road, Lower Hutt, Wellington (NZ).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CLOUGH, William, Louis** [NZ/NZ]; 21 Matariki Grove, Wainuiomata, Wellington (NZ).

(74) **CALHOUN, Douglas, D.** et al. / etc.; A.J. Park & Son, Huddart Parker Building, 6th floor, Post Office Square, P.O. Box 949, Wellington 6015 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23017** (13) A1

(21) PCT/EP97/06473

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) MI96A002415 (32) **20 Nov/nov 1996 (20.11.1996)** (33) IT

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H02G 9/10, 15/12

(54) CONTAINER FOR HOUSING HEAT GENERATING EQUIPMENT
CONTENANT DESTINE A LOGER UN EQUIPEMENT CALOGENE

(71) **N.R. DEVELOPMENT LIMITED** [IE/IE]; Russell Court, St. Stephen's Green, Dublin 2 (IE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GHIRALDI, Alberto** [IT/IT]; Via Brughieretta, 6, I–21038 Reno di Leggiuno (IT).

(74) **FARAGGIANA, Vittorio**; Ingg. Guzzi e Ravizza s.r.l., Via V. Monti, 8, I–20123 Milano (IT).

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

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(11) **WO 98/23018** (13) A1

(21) PCT/US97/21117

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 60/031,317 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H02H 9/00

(54) A TRANSIENT VOLTAGE PROTECTION DEVICE AND METHOD OF MAKING SAME
DISPOSITIF DE PROTECTION CONTRE LES SURTENSIONS TRANSITOIRES ET SON PROCEDE DE REALISATION

(71) **SURGX CORPORATION** [US/US]; 1100 Auburn Street, Fremont, CA 94538 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WINNETT, Joan, L.** [US/US]; 16741 Chesterfield Farms Drive, Chesterfield, MO 63005 (US). **WHITNEY, Stephen, J.** [US/US]; 1439 Westbrooke Terrace Drive, Manchester, MO 63021 (US). **GLASS, Edward, G.** [US/US]; 6820 Delmar Boulevard, University City, MO 63130 (US). **SHRIER, Karen, P.** [US/US]; 2399 Purisima Creek Road, Route 1, P.O. Box 313H, Half Moon Bay, CA 94019 (US).

(74) **DILLAHUNTY, T., Gene** et al. / etc.; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313–1404 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23019** (13) A1

(21) PCT/GB97/03161

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 9623912.4 (32) **18 Nov/nov 1996 (18.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H02H 9/02

(54) SURGE PROTECTOR FOR POWER FEED LINE LIMITEUR DE TENSION POUR LA LIGNE D'ALIMENTATION

(71) **STC SUBMARINE SYSTEMS LIMITED** [GB/GB]; Christchurch Way, Greenwich, London SE10 0AG (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FARRAR, Anthony, John** [GB/GB]; 50 Arbuthnot Lane, Bexley, Kent DA5 1EN (GB). **FOSTER, Basil, Bernard** [GB/GB]; 15 Clarence Road, London SE9 4SJ (GB).

(74) **VAUFROUARD, John, Charles**; Elkington and Fife, Prospect House, 8 Pembroke Road, Sevenoaks, Kent TN13 1XR (GB).

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

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(11) **WO 98/23020** (13) A1

(21) PCT/IB97/01304

(22) **20 Oct/oct 1997 (20.10.1997)**

(25) en (26) en

(31) 96402496.2 (32) **20 Nov/nov 1996 (20.11.1996)** (33) EP

(34) FR et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H02J 7/00

(54) AN INDUCTION CHARGING APPARATUS AND AN ELECTRONIC DEVICE
APPAREIL DE CHARGE PAR INDUCTION ET DISPOSITIF ELECTRONIQUE

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

(71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **VAN LERBERGHE, Steven, Jan, Willem**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **MAK, Theodorus, N.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

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

Published / Publiée : *(c)*

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(11) **WO 98/23021** (13) A2

(21) PCT/SE97/01889

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) 9604248–6 (32) **20 Nov/nov 1996 (20.11.1996)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H02J 7/00

(54) A BATTERY PACK FOR A PORTABLE ELECTRIC APPARATUS AND A METHOD FOR THE CHARGING THEREOF
BLOC ACCUMULATEURS POUR APPAREIL ELECTRIQUE PORTABLE ET PROCEDE DE CHARGEMENT DE CES ACCUMULATEURS

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S–126 25 Stockholm (SE).

(72) **MERCKE, Johan**; Jägaregatan 330, S–226 53 Lund (SE). **FRÄNNHAGEN, Björn**; Vikingavägen 7C, S–224 76 Lund (SE).

(74) **STRÖM, Tore** et al. / etc.; Ström & Gulliksson AB, P.O. Box 4188, S–203 13 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23022** (13) A1

(21) PCT/DE97/02543

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) de (26) de

(31) 196 47 625.9 (32) **18 Nov/nov 1996** (33) DE **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H02K 13/10, H01R 39/52

(54) COMMUTATOR MOTOR, ESPECIALLY A UNIVERSAL MOTOR
MOTEUR A COLLECTEUR, NOTAMMENT MOTEUR UNIVERSEL

(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) **TIEMEYER, Peter** [DE/DE]; Aufder Röthe 35, D–97076 Würzburg (DE).

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

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(11) **WO 98/23023** (13) A1

(21) PCT/EP97/06383

(22) **15 Nov/nov 1997 (15.11.1997)**

(25) de (26) de

(31) 196 48 132.5 (32) **21 Nov/nov 1996** (33) DE **(21.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H02K 15/12, H01F 41/00, 41/12

(54) PROCESS FOR IMPREGNATING COMPONENTS
PROCEDE D'IMPREGNATION DE COMPOSANTS

(71) **DR. BECK & CO. AG** [DE/DE]; Grossmannstrasse 105, D–20539 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BLUM, Rainer** [DE/DE]; Rüdigerstrasse 64, D–67069 Ludwigshafen (DE). **EICHHORST, Manfred** [DE/DE]; Am Ohlendiek 18, D–22113 Oststeinbek (DE). **BÄUERLE, Elke** [DE/DE]; Königsbergerstrasse 1, D–78549 Spaichingen (DE).

(74) **FITZNER, Uwe**; Fitzner, Münch & Jungblut, Kaiserswerther Strasse 74, D–40878 Ratingen (DE).

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

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(11) **WO 98/23024** (13) A1

(21) PCT/RO97/00007

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) de (26) de

(31) 96–02188 (32) **20 Nov/nov 1996** (33) RO **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H02K 19/10, 3/18

(54) ELECTRONICALLY SWITCHED TWO PHASES RELUCTANCE MACHINE
MACHINE A RELUCTANCE DIPHASEE COMMUTEE ELECTRONIQUEMENT

(71, 72) **LUNGU, Iancu** [RO/RO]; Str. Trapezului 5–GlA, ap. 40, R–74381 Bucharest 3 (RO).

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

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(11) **WO 98/23025** (13) A1

(21) PCT/EP97/06345

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) de (26) de

(31) 196 47 469.8 (32) **16 Nov/nov 1996** (33) DE **(16.11.1996)**

(31) 296 20 114.6 (32) **19 Nov/nov 1996** (33) DE **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H02K 49/10, F16H 49/00

(54) MAGNETIC PLANETARY GEAR
ENGRENAGE PLANETAIRE MAGNETIQUE

(71, 72) **SCHÜSSLER, Gerd** [DE/DE]; Mömlingtal 7, D–63785 Obernburg (DE). **LINDNER, Jürgen** [DE/DE]; Wonnegaustrasse 95, D–67550 Worms (DE).

(74) **KÖSTER, Hajo** et al. / etc.; Jaeger und Köster, Pippinplatz 4a, D–82131 Gauting (DE).

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

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(11) **WO 98/23026** (13) A2

(21) PCT/IB97/01308

(22) **20 Oct/oct 1997 (20.10.1997)**

(25) en (26) en

(31) 96203237.1 (32) **19 Nov/nov 1996** (33) EP **(19.11.1996)**

(34) AT et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H02P 7/28

(54) MOTOR CONTROL DEVICE AND APPARATUS FOR THE RECORDING AND/OR REPRODUCTION OF INFORMATION INCLUDING THE MOTOR CONTROL DEVICE
DISPOSITIF DE COMMANDE DE MOTEUR ET APPAREIL D'ENREGISTREMENT ET/OU DE REPRODUCTION D'INFORMATIONS COMPORTANT CE DISPOSITIF

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

(71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **VAN BUUL, Marinus, Cornelis, Willem**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **VAN BEIJSTERVELD, Gerardus, Adrianus, Maria**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **DAMSTRA, Nicolaas, Johannes**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **BÜTHKER, Henricus, Cornelis, Johannes**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **GROENENDAAL, Antonius, W., M.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

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

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(11) **WO 98/23027** (13) A1

(21) PCT/US97/21822

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/751,605 (32) **18 Nov/nov 1996** (33) US **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H03F 3/30

(54) FOLDED–CASCODE AMPLIFIER STAGE
ETAGE D'AMPLIFICATEUR CASCODE REPLIE

(71) **MAXIM INTEGRATED PRODUCTS, INC.** [US/US]; 120 San Gabriel Drive, Sunnyvale, CA 94086 (US). **GAIN TECHNOLOGY CORPORATION** [US/US]; 2700 West Broadway, Tucson, AZ 85745 (US).

(72) **GRAEME, Jerald, G.**; 3000 Camino de Bravo, Tucson, AZ 85718 (US). **KOLLURI, Madhav, V.**; 1450 Saskatchewan Drive, Sunnyvale, CA 94087 (US).

(74) **THOMAS, C., Douglass**; Hickman Beyer & Weaver, P.O. Box 61059, Palo Alto, CA 94306 (US).

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

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(11) **WO 98/23028** (13) A1

(21) PCT/JP97/04213

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) ja (26) ja

(31) 8/324758 (32) **19 Nov/nov 1996** (33) JP **(19.11.1996)**

(31) 8/326038 (32) **20 Nov/nov 1996** (33) JP **(20.11.1996)**

(31) 8/342635 (32) **5 Dec/déc 1996** (33) JP **(05.12.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H03H 9/19, B23K 35/26

(54) PIEZOELECTRIC VIBRATOR
VIBREUR PIEZOELECTRIQUE

(71) **MIYOTA CO., LTD.** [JP/JP]; 4107–5, Oaza Miyota, Miyota–cho, Kitasakugun, Nagano 389–02 (JP). **CITIZEN WATCH CO., LTD.** [JP/JP]; 1–1, Nishi–Shinjuku 2–chome, Shinjuku–ku, Tokyo 163–04 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WAKABAYASHI, Hisao** [JP/JP]; Citizen Watch Co., Ltd., 1–1, Nishi–Shinjuku 2–chome, Shinjuku–ku, Tokyo 163–04 (JP). **TAKAYANAGI, Hiroaki** [JP/JP]; Miyota Co., Ltd., 4107–5, Oaza Miyota, Miyota–cho, Kitasakugun, Nagano 389–02 (JP). **IDE, Toshinori** [JP/JP]; Miyota Co., Ltd., 4107–5, Oaza Miyota, Miyota–cho, Kitasakugun, Nagano 389–02 (JP). **HAYASHI, Toshiya** [JP/JP]; Miyota Co., Ltd., 4107–5, Oaza Miyota, Miyota–cho, Kitasakugun, Nagano 389–02 (JP).

(74) **YOSHIDA, Kenji** et al. / etc.; 34–12, Kichijoji–honcho 1–chome, Musashino–shi, Tokyo 180 (JP).

(81) CN SG US.

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(11) **WO 98/23029** (13) A1

(21) PCT/US97/21213

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 08/751,708 (32) **18 Nov/nov 1996** (33) US **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H03H 17/02

(54) REDUCED POWER FIR FILTER
FILTRE A REPONSE IMPULSIONNELLE FINIE, A FAIBLE CONSOMMATION D'ENERGIE

(71) **CIRRUS LOGIC, INC.** [US/US]; 3100 WestWarren Avenue, Fremont, CA 94538–6419 (US).

(72) **PASTORELLO, Douglas**; 10 Anna Louise Drive, Hudson, NH 03051 (US).

(74) **SHAW, Steven, A.**; Cirrus Logic, Inc., 3100 West Warren Avenue, Fremont, CA 94538–6419 (US).

(81) BR CA CN IL JP KR SG; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/23030** (13) A1

(21) PCT/US97/21216

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 08/752,154 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H03H 17/04

(54) SIGNAL PROCESSING SYSTEM AND METHOD FOR ENHANCED CASCADED INTEGRATOR–COMB INTERPOLATION FILTER STABILIZATION
SYSTEME DE TRAITEMENT DE SIGNAUX ET PROCEDE POUR AMELIORER LA STABILISATION DES FILTRES D'INTERPOLATION EN PEIGNES D'INTEGRATEURS EN CASCADE

(71) **GRAYCHIP, INC.** [US/US]; 2185 Park Boulevard, Palo Alto, CA 94306 (US).

(72) **GRAY, Joseph, Harold**; 2314 Ramona Street, Palo Alto, CA 94306 (US). **JORGENSEN, Lars, Morten**; 3636 Slopeview Avenue, San Jose, CA 95148 (US).

(74) **ROSENMAN, Stephen, J.** et al. / etc.; Howrey & Simon, 1299 Pennsylvania Avenue, N.W., P.O. Box 34, Washington, DC 20004–2402 (US).

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

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(11) **WO 98/23031** (13) A1

(21) PCT/US97/21826

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/754,755 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H03K 5/153, 17/16, 17/687, 19/017, 19/0185, 19/094

(54) INVERTER–CONTROLLED DIGITAL INTERFACE CIRCUIT WITH DUAL SWITCHING POINTS FOR INCREASED SPEED
CIRCUIT D'INTERFACE NUMERIQUE COMMANDE PAR ONDULEURS A DOUBLE POINTS D'AIGUILLAGE PERMETTANT UNE VITESSE ACCRUE

(71, 72) **KAPLINSKY, Cecil, H.** [US/US]; 140 Melville Avenue, Palo Alto, CA 94301 (US).

(74) **SCHNECK, Thomas**; Law Offices of Thomas Schneck, P.O. Box 2–E, San Jose, CA 95109–0005 (US).

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

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(11) **WO 98/23032** (13) A1

(21) PCT/US96/18917

(22) **26 Nov/nov 1996 (26.11.1996)**

(25) en (26) en

(31) 08/751,513 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H03K 19/003

(54) AN ADDRESS TRANSITION DETECTION CIRCUIT
CIRCUIT DE DETECTION DE TRANSITIONS SUR ADRESSES

(71) **MACRONIX INTERNATIONAL CO., LTD.** [–/–]; No. 3, Creation Road 3rd, Science–Based Industrial Park, Hsinchu (TW).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **LIU, Yin–Shang** [–/–]; 10, Alley 5, Lane 113, Yuh–Ing Street, Tsao–Twen 542 (TW). **CHANG, Kuen–Long** [–/–]; 4F, No. 21, Alley 23, Lane 109, Pao–I Road, Mucha Taipei 116 (TW). **HUNG, Chun–Hsiung** [–/–]; 4F, No. 5, Alley 3, Lane 81, University Road, Hsinchu (TW). **CHUANG, Weitong** [US/–]; 12F, No. 5–10, Lane 11, Da–Dune 2nd Street, Taichung 408 (TW). **WAN, Ray–Lin** [US/US]; 709 Wichitaw Drive, Fremont, CA 94539 (US).

(74) **CARY, Charles, C.**; Wilson, Sonsini, Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304–1050 (US).

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

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(11) **WO 98/23033** (13) A1

(21) PCT/US97/09314

(22) **16 Jun/juin 1997 (16.06.1997)**

(25) en (26) en

(31) 08/754,421 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H03K 19/173

(54) LOOKUP TABLES WHICH DOUBLE AS SHIFT REGISTERS
TABLES A CONSULTER QUI PEUVENT ETRE CONFIGUREES EN REGISTRES A DECALAGE

(71) **XILINX, INC.** [US/US]; 2100 Logic Drive, San Jose, CA 95124 (US).

(72) **BAUER, Trevor, J.**; 2552 Angela Court #5, Campbell, CA 95008 (US).

(74) **YOUNG, Edel, M.** et al. / etc.; Xilinx, Inc., 2100 Logic Drive, San Jose, CA 95124 (US).

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

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(11) **WO 98/23034** (13) A2

(21) PCT/FI97/00691

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 9623872.0 (32) **15 Nov/nov 1996 (15.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H03L 7/08

(54) APPARATUS AND METHOD FOR STABILISING THE FREQUENCY OF A PHASE LOCKED LOOP
APPAREIL ET PROCEDE PERMETTANT DE STABILISER UNE FREQUENCE DANS UNE BOUCLE A PHASE ASSERVIE

(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) **SHERLOCK, Mark** [GB/GB]; 20 School Lane, Yateley, Camberley, Surrey GU17 7NL (GB).

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

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

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(11) **WO 98/23035** (13) A1

(21) PCT/US97/20612

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/751,571 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H03L 7/093

(54) AN APPARATUS AND METHOD FOR REDUCING SPURIOUS SIDEBANDS IN PHASE LOCKED LOOPS
APPAREIL ET PROCEDE PERMETTANT DE REDUIRE LES BANDES LATERALES ERRATIQUES DANS DES BOUCLES VERROUILLEES EN PHASE

(71) **PEREGRINE SEMICONDUCTOR CORPORATION** [US/US]; 6175 Nancy Ridge Drive, San Diego, CA 92121 (US).

(72) **DENNY, Paul, A.**; 10185 Parkwood Drive #9, Cupertino, CA 95014 (US).

(74) **CARY, Charles, C.**; Wilson, Sonsini, Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304–1050 (US).

(81) JP.

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(11) **WO 98/23036** (13) A1

(21) PCT/US97/21367

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 60/031,350 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(31) 08/968,029 (32) **12 Nov/nov 1997 (12.11.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H03L 7/14, H04L 27/227

(54) A CARRIER–RECOVERY LOOP WITH STORED INITIALIZATION IN A RADIO RECEIVER

BOUCLE DE RECONSTITUTION DE PORTEUSE AVEC INITIALISATION STOCKEE DANS UN RECEPTEUR RADIO

(71) **ADVANCED MICRO DEVICES, INC.** [US/US]; 5204 East Ben White Boulevard, Mail Stop 562, Austin, TX 78741 (US).

(72) **JANESCH, Stephen, T.**; 4106 Reynosa Drive, Austin, TX 78739 (US). **SCHNIZLEIN, Paul**; 11410 Antler Bend Road, Austin, TX 78737 (US). **BELL, Ed**; 1712 Scenic Loop, Round Rock, TX 78681 (US).

(74) **RILEY, Louis, A.**; Advanced Micro Devices, Inc., 5204 East Ben White Boulevard, Mail Stop 562, Austin, TX 78741 (US).

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

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(11) **WO 98/23037** (13) A1

(21) PCT/CA97/00860

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 60/030,984 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H03M 1/66, 7/30, G11B 20/10, B25J 9/16

(54) METHOD FOR IMPROVED REPRODUCTION OF DIGITAL SIGNALS
PROCEDE DE REPRODUCTION AMELIOREE DE SIGNAUX NUMERIQUES

(71, 72) **ELLIS, Randy, E.** [CA/CA]; 164 Nelson Street, Kingston, Ontario K7L 3X1 (CA). **SARKAR, Nilanjan** [IN/US]; Apartment #D–5, 2640 Dole Street, Honolulu, HI 96822 (US). **JENKINS, Michael, A.** [CA/CA]; Apartment 201, 67 Sydenham Street, Kingston, Ontario K7L 3H2 (CA).

(74) **SCHUMACHER, Lynn, C.** et al. / etc.; Hill & Schumacher, Suite 802, 335 Bay Street, Toronto, Ontario M5H 2R3 (CA).

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

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(11) **WO 98/23038** (13) A1

(21) PCT/EP97/06356

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) A 2001/96 (32) **15 Nov/nov 1996 (15.11.1996)** (33) AT

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H03M 7/30

(54) COMPUTER SORTING SYSTEM FOR DATA COMPRESSION
SYSTEME INFORMATIQUE DE TRI POUR LA COMPRESSION DE DONNEES

(71, 72) **SCHINDLER, Michael** [AT/AT]; Billrothstrasse 39/2/21, A–1190 Wien (AT).

(74) **WEISERT, Annekäte**; Kraus & Weisert, Thomas–Wimmer–Ring 15, D–80539 Munich (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23039** (13) A1

(21) PCT/IB97/01614

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 08/751,876 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H03M 7/30, 7/48

(54) CONCATENATION COMPRESSION METHOD
TECHNIQUE DE COMPRESSION PAR CONCATENATION

(71) **INNOMEDIA PTE LTD** [SG/SG]; 10 Science Park Road No. 03–04/05, The Alpha, Singapore 117684 (SG).

(72) **OUYANG, Jing–Zheng**; 1080 Marilla Avenue, San Jose, CA 95129 (US). **LIN, Nan–Sheng**; 44911 Naragansett Court, Fremont, CA 94539 (US).

(74) **MAJERUS, Laura, A.** et al. / etc.; Graham & James LLP, 600 Hansen Way, Palo Alto, CA 94304 (US).

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

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(11) **WO 98/23040** (13) A2

(21) PCT/US97/19986

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 08/754,428 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(31) 08/846,491 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04B

(54) NOVEL MULTI–ACCESS CS–P/CD–E SYSTEM AND PROTOCOLS ON SATELLITE CHANNELS APPLICABLE TO A GROUP OF MOBILE USERS IN CLOSE PROXIMITY
NOUVEAU SYSTEME ET NOUVEAUX PROTOCOLES CS–P/CD–E MULTIACCES SUR CANAUX SATELLITES APPLICABLES A UN GROUPE D'UTILISATEURS MOBILES SE TROUVANT A PROXIMITE ETROITE

(71) **STANFORD TELECOMMUNICATIONS, INC.** [–/US]; 1761 Business Center Drive, Reston, VA 22090 (US).

(72) **BRUNO, Ronald**; 3203 North 4th Street, Arlington, VA 22201 (US). **SCHUCHMAN, Leonard**; 11054–7 Hill Lane, Potomac, MD 20854 (US).

(74) **ZEGEER, Jim**; 801 North Pitt Street #108, Alexandria, VA 22314 (US).

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

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(11) **WO 98/23041** (13) A1

(21) PCT/US97/21686

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 08/766,368 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04B 1/38, H04M 1/60

(54) DOCKING AND ELECTRICAL INTERFACE FOR PERSONAL USE COMMUNICATION DEVICES
INTERFACE ELECTRIQUE ET DE JONCTION DESTINEE A DES DISPOSITIFS DE COMMUNICATION A USAGE PERSONNEL

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **LILJA, Patrick, H.**; 4145–204 Lake Lynn Drive, Raleigh, NC 27613 (US). **BOURGEOIS, Troy**; 504 Samara Street, Apex, NC 27502 (US). **PATTERSON, Gregory, S.**; 106 Holly Creek Drive, Morrisville, NC 27560 (US).

(74) **MOORE, Stanley, R.** et al. / etc.; Jenkens & Gilchrist, P.C., Suite 3200, 1445 Ross Avenue, Dallas, TX 75202 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23042** (13) A1

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(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 60/031,350 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(31) Not furnished / non communiqué (32) **12 Nov/nov 1997 (12.11.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04B 1/707

(54) VERIFICATION OF PN SYNCHRONIZATION IN A SPREAD–SPECTRUM COMMUNICATIONS RECEIVER
VERIFICATION DE LA SYNCHRONISATION DU BRUIT PSEUDO–ALEATOIRE DANS UN RECEPTEUR DE COMMUNICATIONS A ETALEMENT DU SPECTRE

(71) **ADVANCED MICRO DEVICES, INC.** [US/US]; 5204 East Ben White Boulevard, Mail Stop 562, Austin, TX 78741 (US).

(72) **HENDRICKSON, Alan**; 1801 Kenwood Avenue, Austin, TX 78704 (US).

(74) **RILEY, Louis, A.**; Advanced Micro Devices, Inc., 5204 East Ben White Boulevard, Mail Stop 562, Austin, TX 78741 (US).

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

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(11) **WO 98/23043** (13) A1

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(25) ja (26) ja

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04B 7/00, 7/02, 7/15, 7/26, H04L 1/02, 11/00

(54) TRANSMISSION LINE PRESUMING CIRCUIT AND MODEM USING THE SAME
LIGNE DE TRANSMISSION MISE EN OEUVRE PAR UN CIRCUIT ET UN MODEM

(71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SOGABE, Yasushi** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100 (JP). **AKIYOSHI, Masanori** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100 (JP).

(74) **TAZAWA, Hiroaki** et al. / etc.; 4F, Kasumigaseki IHF Building, 5–1, Kasumigaseki 3–chome, Chiyoda–ku, Tokyo 100 (JP).

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

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(11) **WO 98/23044** (13) A2

(21) PCT/US97/20751

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 752,860 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04B 7/00

(54) METHOD AND APPARATUS FOR ADJUSTING THRESHOLDS AND MEASUREMENTS OF RECEIVED SIGNALS BY ANTICIPATING POWER CONTROL COMMANDS YET TO BE EXECUTED
PROCEDE ET APPAREIL SERVANT A AJUSTER LES SEUILS ET LES MESURES DE SIGNAUX REÇUS PAR L'ANTICIPATION DES COMMANDES DE REGULATION DE PUISSANCE A EXECUTER

(71) **QUALCOMM INCORPORATED** [US/US]; 6455 Lusk Boulevard, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAINTS, Keith, W.** [–/US]; 7160 Shoreline Drive #4212, San Diego, CA 92122 (US). **CHEN, Tao** [–/US]; 8826 La Cartera Street, San Diego, CA 92129–3309 (US).

(74) **MILLER, Russell, B.** et al. / etc.; Qualcomm Incorporated, 6455 Lusk Boulevard, San Diego, CA 92121 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23045** (13) A1

(21) PCT/GB97/02328

(22) **29 Aug/Août 1997 (29.08.1997)**

(25) en (26) en

(31) 9624104.7 (32) **20 Nov/nov 1996 (20.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04B 7/185, H04Q 7/38

(54) METHOD OF COMMUNICATION ESTABLISHING WITH A REMOTE USER
PROCEDE POUR ETABLIR UNE COMMUNICATION AVEC UN UTILISATEUR ELOIGNE

(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) **CHAMBERS, Charles** [GB/GB]; 183 Cambridge Road, Great Shelford, Cambridge CB2 (GB). **CHAMBERS, Paul** [GB/GB]; 249 Totteridge Road, High Wycombe, Bucks HP13 7LJ (GB). **BJORNSTROM, Gunnar, Arvid** [SE/GB]; Ico Services Ltd., 1 Queen Caroline Street, London W6 9BN (GB).

(74) **READ, Matthew, Charles** et al. / etc.; Venner, Shipley & Co., 20 Little Britain, London EC1A 7DH (GB).

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

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(11) **WO 98/23046** (13) A2

(21) PCT/GB97/03185

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 9624105.4 (32) **20 Nov/nov 1996 (20.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04B 7/26

(54) HIGH MARGIN NOTIFICATION METHOD AND APPARATUS
PROCEDE ET APPAREIL DE NOTIFICATION A MARGE ELEVEE

(71) **INTERNATIONAL MOBILE SATELLITE ORGANIZATION** [–/GB]; 99 City Road, London EC1Y 1AX (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHAMBERS, Paul** [GB/GB]; 249 Totteridge Road, High Wycombe, Bucks HP13 7LJ (GB). **CHAMBERS, Charles** [GB/GB]; 183 Cambridge Road, Great Shelford, Cambridge CB2 5JN (GB). **BJÖRNSTRÖM, Gunnar, Arvid** [SE/US]; 26618 Nokomis Road, Rancho Palos Verdes, CA 90275 (US).

(74) **MUSKER, David, Charles** et al. / etc.; R.G.C. Jenkins & Co., 26 Caxton Street, London SW1H 0RJ (GB).

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

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(11) **WO 98/23047** (13) A1

(21) PCT/SE97/01837

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 60/030,495 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 08/770,938 (32) **20 Dec/déc 1996 (20.12.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04B 7/26, H04Q 7/38

(54) METHOD FOR REDUCING INTERFERENCE WITHIN SIGNALING DATA OVER AN AIR INTERFACE
PROCEDE PERMETTANT DE REDUIRE UNE INTERFERENCE DANS DES DONNEES DE SIGNALISATION SUR UNE INTERFACE AERIENNE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S–126 25 Stockholm (SE).

(72) **JUNG, Stefan**; Karlsholmsvägen 11, S–183 64 Täby (SE). **GALYAS, Peter**; Kryssarvägen 11, S–183 58 Täby (SE).

(74) **TELEFONAKTIEBOLAGET LM ERICSSON**; Patent and Trademark Dept., S–126 25 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23048** (13) A1

(21) PCT/US97/21707

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 08/754,240 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04B 10/00

(54) PASSENGER CONVEYANCE VEHICLES AND SYSTEMS UTILIZING THE SAME
VEHICULES DE TRANSPORT DE PASSAGERS ET SYSTEMES D'UTILISATION DE CES VEHICULES

(71) **TALKING SIGNS, INC.** [US/US]; 812 North Boulevard, Baton Rouge, LA 70802 (US).

(72) **CRANDALL, William, F., Jr.**; 23 Issaquah Dock, Sausalito, CA 94965 (US). **BENTZEN, Billie, L.**; 235 South Street, Berlin, MA 01503 (US).

(74) **SIEBERTH, John, F.** et al. / etc.; John F. Sieberth & Associates, Suite A, 8170 Goodwood Boulevard, Baton Rouge, LA 70806 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/23049** (13) A1

(21) PCT/US97/20892

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 08/754,275 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04B 10/04

(54) SIGNAL TRANSMITTER WITH AUTOMATIC OUTPUT CONTROL
EMETTEUR DE SIGNAUX DOTE D'UN ORGANE DE COMMANDE DE SORTIE AUTOMATIQUE

(71) **TALKING SIGNS, INC.** [US/US]; 812 North Boulevard, Baton Rouge, LA 70802 (US).

(72) **CRANDALL, William, F., Jr.**; 23 Issaquah Dock, Sausalito, CA 94965 (US).

(74) **SIEBERTH, John, F.** et al. / etc.; John F. Sieberth & Associates, Suite A, 8170 Goodwood Boulevard, Baton Rouge, LA 70806 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23050** (13) A2

(21) PCT/US97/20960

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/752,630 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04H 1/00

(54) SIMULTANEOUS OVER THE AIR DATA DOWNLOAD TO MULTIPLE RECEIVERS
TELECHARGEMENT SIMULTANE DE DONNEES PAR RADIODIFFUSION VERS PLUSIEURS EMETTEURS–RECEPTEURS

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **DOIRON, Timothy, J.**; 404 Captial Lane, Forest, VA 24551 (US). **DREON, Steven, T.**; 1349 Dutch Mill Road, Ballwin, MO 63011 (US).

(74) **DAVIDSON, J., Scott**; Nixon & Vanderhye, P.C., 8th floor, 1100 North Glebe Drive, Arlington, VA 22201 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23051** (13) A1

(21) PCT/CA97/00845

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/755,431 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04J 3/08, 3/16, H04L 12/43

(54) TRANSPORT ARCHITECTURE AND NETWORK ELEMENTS
ARCHITECTURE D'ACHEMINEMENT ET ELEMENTS DE RESEAU

(71) **NORTHERN TELECOM LIMITED** [CA/CA]; World Trade Center of Montreal, 8th floor, 380 St. Antoine Street West, Montreal, Quebec H2Y 3Y4 (CA).

(72) **SKILLEN, Richard, Prescott**; 1353 Bunsden Avenue, Mississauga, Ontario L5H 2B3 (CA). **LIVERMORE, Frederick, Caldwell**; 11 Third Avenue, Stittsville, Ontario K2S 1C5 (CA). **ALLEN, Brent, E.**; 22 Rideaucrest Drive, Nepean, Ontario K2G 6A4 (CA).

(74) **TOYOOKA, Yoshiharu**; Northern Telecom Limited, Patent Dept., P.O. Box 3511, Station "C", Ottawa, Ontario K1Y 4H7 (CA).

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

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(11) **WO 98/23052** (13) A1

(21) PCT/US97/20488

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 08/754,847 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04J 3/12

(54) SYSTEM AND METHOD FOR PROVIDING ENHANCED SERVICES FOR A TELECOMMUNICATION CALL
SYSTEME ET PROCEDE POUR LA PRESTATION DE SERVICES AMELIORES RELATIFS A UN APPEL DE TELECOMMUNICATION

(71) **SPRINT COMMUNICATIONS COMPANY, L.P.** [US/US]; 8140 Ward Parkway, Kansas City, MO 64114 (US).

(72) **CHRISTIE, Joseph, M.** (deceased / décédé).**NELSON, Tracy, Lee**; 7103 Mastin, Shawnee Mission, KS 66203 (US).

(74) **DICKEY, Steven, R.**; 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23053** (13) A1

(21) PCT/US97/21208

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/754,349 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04J 3/12

(54) TELECOMMUNICATIONS SYSTEM
SYSTEME DE TELECOMMUNICATION

(71) **SPRINT COMMUNICATIONS COMPANY, L.P.** [US/US]; 8140 Ward Parkway, Kansas City, MO 64114 (US).

(72) **CHRISTIE, Joseph, M.** (deceased / décédé).**WILEY, William, Lyle**; 814 N. Mesa Street, Olathe, KS 66061 (US). **HOWELL, Royal, D.**; 18502 C. Highway, Trimble, MO 64492 (US).

(74) **DICKEY, Steven, R.**; 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23054** (13) A1

(21) PCT/US97/19888

(22) **27 Oct/oct 1997 (27.10.1997)**

(25) en (26) en

(31) 08/751,946 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04J 3/16

(54) METHOD AND APPARATUS FOR COMMUNICATING INFORMATION BETWEEN A HEADEND AND SUBSCRIBER OVER A WIDE AREA NETWORK
PROCEDE ET DISPOSITIF DE TRANSMISSION D'INFORMATIONS ENTRE UNE TETE DE RESEAU ET UN ABONNE VIA UN RESEAU LONGUE DISTANCE

(71) **SCIENTIFIC–ATLANTA, INC.** [US/US]; One Technology Parkway South, Norcross, GA 30092 (US).

(72) **DAVIS, Glenn, A.**; 5051 Bainbridge Court, Lilburn, GA 30247 (US). **HUDDLESTON, Paul, Michael**; 217 Spalding Gates Drive, Atlanta, GA 30328 (US).

(74) **MASSARONI, Kenneth, M.** et al. / etc.; Scientific–Atlanta, Inc., One Technology Parkway South, Norcross, GA 30092 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23055** (13) A1

(21) PCT/US97/20269

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 08/755,438 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04J 3/16, 3/22

(54) BROADBAND TELECOMMUNICATIONS SYSTEM INTERFACE
INTERFACE DE SYSTEMES DE TELECOMMUNICATIONS A LARGE BANDE

(71) **SPRINT COMMUNICATIONS COMPANY, L.P.** [US/US]; 8140 Ward Parkway, Kansas City, MO 64114 (US).

(72) **GARDNER, Michael, Joseph**; 5307 W. 100th Street, Overland Park, KS 66207 (US). **NELSON, Tracy, Lee**; 7103 Mastin, Shawnee Mission, KS 66203 (US). **WILEY, William, Lyle**; 814 N. Mesa Street, Olathe, KS 66061 (US).

(74) **DICKEY, Steven, R.**; 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23056** (13) A1

(21) PCT/US97/20273

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) 08/755,523 (32) **22 Nov/nov 1996** (33) US **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04J 3/16, 3/22

(54) BROADBAND TELECOMMUNICATIONS SYSTEM INTERFACE
INTERFACE DE SYSTEME DE TELECOMMUNICATIONS A LARGE BANDE

(71) **SPRINT COMMUNICATIONS COMPANY, L.P.** [US/US]; 8140 Ward Parkway, Kansas City, MO 64114 (US).

(72) **CHRISTIE, Joseph, M.** (deceased / décédé).**GARDNER, Michael, Joseph**; 5307 W. 100th Street, Overland Park, KS 66207 (US). **DuREE, Albert, Daniel**; 16913 Cogan Road, Independence, MO 64055 (US). **WILEY, William, Lyle**; 814 N. Mesa Street, Olathe, KS 66061 (US). **NELSON, Tracy, Lee**; 7103 Mastin, Shawnee Mission, KS 66203 (US).

(74) **DICKEY, Steven, R.**; 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23057** (13) A1

(21) PCT/US97/14120

(22) **8 Aug/Août 1997 (08.08.1997)**

(25) en (26) en

(31) 08/752,211 (32) **19 Nov/nov 1996** (33) US **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04J 13/00, 14/02, G01J 3/28

(54) HIGH CAPACITY SPREAD SPECTRUM OPTICAL COMMUNICATIONS SYSTEM
SYSTEME DE COMMUNICATION OPTIQUE HAUTE CAPACITE, A ETALEMENT DU SPECTRE

(71) **RDL COMMERCIAL TECHNOLOGIES CORPORATION** [US/US]; 5800 Uplander Way, Culver City, CA 90230–6609 (US).

(72) **DUTT, Birendra**; 6890 Arizona Avenue, Westchester, CA 90045 (US). **NARAGHI, Manouher**; 23214 Carlow Road, Torrance, CA 90505 (US). **CHAN, James**; 2342 Colt Road, Rancho Palos Verdes, CA 90274 (US).

(74) **WISE, Roger, R.** et al. / etc.; Loeb & Loeb LLP, Suite 2200, 10100 Santa Monica Boulevard, Los Angeles, CA 90067 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GH HU IL 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 UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23058** (13) A2

(21) PCT/US97/20986

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 60/031,301 (32) **18 Nov/nov 1996** (33) US **(18.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04L

(54) SYSTEM FOR INTEGRATED MANAGEMENT OF MESSAGING AND COMMUNICATIONS
SYSTEME DE GESTION INTEGREE DE MESSAGERIE ET DE COMMUNICATIONS

(63) US 60/031,301 (CIP)
18 Nov/nov 1996 (18.11.1996)

(71) **PREMIERE COMMUNICATIONS, INC.** [US/US]; The Lenox Building, Suite 400, 3399 Peachtree Road, Atlanta, GA 30326 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FREISHTAT, Gregg, S.** [US/US]; 2078 Renfroe Lake Drive, Dunwoody, GA 30338 (US). **LEITESS, James, K.** [US/US]; 929 Highland Terrace N.E., Atlanta, GA 30306 (US). **COWDEN, Michael, J.** [US/US]; Unit B–317, 1074 Peachtree Walk, Atlanta, GA 30309 (US). **SMITH, David, Gregory** [US/US]; 1907 Oakmont, Tampa, FL 33629 (US).

(74) **PRATT, John, S.** et al. / etc.; Kilpatrick Stockton LLP, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309–4530 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE GH HU ID IL 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; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23059** (13) A2

(21) PCT/US97/21023

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/755,238 (32) **22 Nov/nov 1996** (33) US **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04L

(54) REMOTE UPGRADE OF SOFTWARE OVER A NETWORK
MISE A JOUR A DISTANCE D'UNE VERSION DE LOGICIEL VIA UN RESEAU

(71) **WEBTV NETWORKS, INC.** [US/US]; 305 Lytton Avenue, Palo Alto, CA 94301 (US).

(72) **BRITT, Joe, F., Jr.**; 14234 Saratoga Sunnyvale Road #3, Saratoga, CA 95070 (US). **MCFADDEN, Andrew, T.**; 20990 Valley Green Drive #618, Cupertino, CA 95014 (US). **GOLDMAN, Phillip, Y.**; 400 Fir Lane, Los Altos, CA 94024 (US). **LEAK, Bruce, A.**; 426 Homer Avenue, Palo Alto, CA 94301 (US).

(74) **NYDEGGER, Rick, D.**; Workman, Nydegger & Seeley, 100 Eagle Gate Plaza, 60 East South Temple, Salt Lake City, UT 84111 (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 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 UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23060** (13) A1

(21) PCT/JP97/04263

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) ja (26) ja

(31) 8/312276 (32) **22 Nov/nov 1996** (33) JP **(22.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04L 7/08, G11B 20/14, H04L 25/49, H04N 5/04, H04J 3/06

(54) METHOD AND DEVICE FOR TRANSMITTING DATA
PROCEDE ET DISPOSITIF DE TRANSMISSION DES DONNEES

(71) **SONY CORPORATION** [JP/JP]; 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMASHITA, Shigeyuki** [JP/JP]; Sony Corporation, 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141 (JP).

(74) **TANABE, Shigemoto**; Green–Fantasia Building, 5th floor, 11–11–508, Jingumae 1–chome, Shibuya–ku, Tokyo 150 (JP).

(81) JP US.

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(11) **WO 98/23061** (13) A1

(21) PCT/FR97/02086

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) fr (26) fr

(31) 96/14158 (32) **20 Nov/nov 1996** (33) FR **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04L 9/32, G07F 7/10

(54) METHOD FOR SIGNING AND/OR AUTHENTICATING ELECTRONIC MESSAGES
PROCEDE DE SIGNATURE ET/OU D'AUTHENTIFICATION DE MESSAGES ELECTRONIQUES

(71) **GEMPLUS S.C.A.** [FR/FR]; Avenue du Pic de Bertagne, Parc d'Activités de Gémenos, F–13881 Gemenos (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STERN, Jacques** [FR/FR]; 7, rue Pierre Nicole, F–75005 Paris (FR). **LEVY–DIT–VEHEL, Françoise** [FR/FR]; 92, rue Lourmel, F–75015 Paris (FR). **NACCACHE, David** [FR/FR]; 7, rue Chaptal, F–75009 Paris (FR).

(74) **NONNENMACHER, Bernard**; Gemplus S.C.A., ZI Athelia III, Voie Antiope, F–13705 La Ciotat Cedex (FR).

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

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(11) **WO 98/23062** (13) A1

(21) PCT/US97/21259

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 60/031,638 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04L 12/22, G10L 5/00

(54) VOICE RECOGNITION FOR INFORMATION SYSTEM ACCESS AND TRANSACTION PROCESSING
RECONNAISSANCE VOCALE POUR ACCES A UN SYSTEME D'INFORMATIONS ET TRAITEMENT DE TRANSACTIONS

(71) **T–NETIX, INC.** [US/US]; 67 Inverness Drive East, Englewood, CO 80112 (US).

(72) **DEVINNEY, Edward, J., Jr.**; 100 Union Avenue, Delanco, NJ 08075 (US). **SHARMA, Manish**; Apartment 37A, 1 JFK Boulevard, Sommerset, NJ 08873 (US). **KEYSER, Chris**; 1 Riverbank Drive, Roebling, NJ 08554 (US). **ROTHACKER, Rainer**; 6A Seaglade Circle, Cliffwood Beach, NJ 07735 (US). **MAMMONE, Richard, J.**; 182 Beaumont Way, Bridgewater, NJ 08807 (US).

(74) **YOUNG, Thomas, H.** et al. / etc.; Dorsey & Whitney LLP, Suite 4400, 370 Seventeenth Street, Denver, CO 80202–5644 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23063** (13) A1

(21) PCT/US97/20286

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 08/755,268 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04L 12/28, 12/56

(54) TELECOMMUNICATIONS TANDEM SYSTEM FOR CIRCUIT–BASED TRAFFIC
SYSTEME DE TELECOMMUNICATIONS EN TANDEM POUR TRAFIC COMMANDE PAR CIRCUITS

(71) **SPRINT COMMUNICATIONS COMPANY, L.P.** [US/US]; 8140 Ward Parkway, Kansas City, MO 64114 (US).

(72) **CHRISTIE, Joseph, M.** (deceased / décédé).**GARDNER, Michael, Joseph**; 5307 W. 100th Street, Overland Park, KS 66207 (US). **DuREE, Albert, Daniel**; 16913 Cogan Road, Independence, MO 64055 (US). **WILEY, William, Lyle**; 814 N. Mesa Street, Olathe, KS 66061 (US). **NELSON, Tracy, Lee**; 7103 Mastin, Shawnee Mission, KS 66203 (US).

(74) **DICKEY, Steven, R.**; 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23064** (13) A2

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(22) **7 Nov/nov 1997 (07.11.1997)**

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(31) 9604214–8 (32) **18 Nov/nov 1996 (18.11.1996)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04L 12/56

(54) METHOD AND DEVICE FOR SIGNAL REPETITION
PROCEDE ET DISPOSITIF CORRESPONDANT PERMETTANT UNE REPETITION DE SIGNAL

(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) **THYLEN, Lars** [SE/SE]; Hejarvägen 10, S–141 30 Huddinge (SE). **BERGLIND, Eilert** [SE/SE]; Getvägen 53, S–187 54 Täby (SE). **ÖHLEN, Peter** [SE/SE]; Valhallavägen 5/609, S–114 22 Stockholm (SE).

(74) **MAGNUSSON, Monica** et al. / etc.; H. Albihns Patentbyrå AB, P.O. Box 3137, S–103 62 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23065** (13) A1

(21) PCT/US97/20697

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 08/754,849 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04L 12/56

(54) BROADBAND TELECOMMUNICATIONS SYSTEM
SYSTEME DE TELECOMMUNICATIONS A LARGE BANDE

(71) **SPRINT COMMUNICATIONS COMPANY, L.P.** [US/US]; 8140 Ward Parkway, Kansas City, MO 64114 (US).

(72) **CHRISTIE, Joseph, M.** (deceased / décédé).**GARDNER, Michael, Joseph**; 5307 W. 100th Street, Overland Park, KS 66207 (US). **DuREE, Albert, Daniel**; 16913 Cogan Road, Independence, MO 64055 (US). **WILEY, William, Lyle**; 814 N. Mesa Street, Olathe, KS 66061 (US).

(74) **DICKEY, Steven, R.**; 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23066** (13) A1

(21) PCT/IB97/01421

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 08/749,439 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04L 12/64

(54) COMMUNICATION NETWORK WITH QUALITY OF SERVICE
RESEAU DE COMMUNICATION A QUALITE DE SERVICE

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

(71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **VERMA, Dinesh**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **DEGUELLE, Wilhelmus, H., G.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

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

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(11) **WO 98/23067** (13) A1

(21) PCT/IB97/01503

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 08/747,432 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04L 12/64, 12/56

(54) SYSTEM AND METHOD FOR DYNAMICALLY RECONFIGURABLE PACKET TRANSMISSION

SYSTEME ET PROCEDE DE TRANSMISSION PAR PAQUETS DYNAMIQUEMENT RECONFIGURABLE

(71) **INNOMEDIA PTE LTD.** [SG/SG]; 10 Science Park Road #03–04/05, The Alpha, Singapore 117684 (SG).

(72) **MINKO, Jacek**; 3110 Florence Park Drive, San Jose, CA 95135 (US).

(74) **MAJERUS, Laura, A.** et al. / etc.; Graham & James LLP, 600 Hansen Way, Palo Alto, CA 94304 (US).

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

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(11) **WO 98/23068** (13) A1

(21) PCT/JP97/04132

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) ja (26) ja

(31) 8/307685 (32) **19 Nov/nov 1996 (19.11.1996)** (33) JP

(31) 8/307686 (32) **19 Nov/nov 1996 (19.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04L 27/20

(54) TRANSMITTER
EMETTEUR

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

(72, 75) **MATSUOKA, Akihiko** [JP/JP]; 2108–1–201, Kitahassaku–cho, Midori–ku, Yokohama–shi, Kanagawa 226 (JP). **ORIHASHI, Masayuki** [JP/JP]; Ishimoto Building, Room 302, 1–12–1, Futamata, Ichikawa–shi, Chiba 272 (JP). **SAGAWA, Morikazu** [JP/JP]; 2–3–15, Nagamine, Inagi–shi, Tokyo 206 (JP). **TAKAHASHI, Kenichi** [JP/JP]; 2–31–47, Minamiikuta, Tama–ku, Kawasaki–shi, Kanagawa 214 (JP). **MISAIZU, Kouei** [JP/JP]; 1722–3–406, Saedo–cho, Tsuzuki–ku, Yokohama–shi, Kanagawa 224 (JP).

(74) **WASHIDA, Kimihito**; Shintoshicenter Building, 5th floor, 24–1, Tsurumaki 1–chome, Tama–shi, Tokyo 206 (JP).

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

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(11) **WO 98/23069** (13) A1

(21) PCT/US97/21467

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 60/031,350 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(31) Not furnished / non communiqué (32) **12 Nov/nov 1997 (12.11.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04L 27/227, H03L 7/087

(54) AN IMPROVED PHASE DETECTOR FOR CARRIER RECOVERY IN A DQPSK RECEIVER
DISCRIMINATEUR DE PHASE AMELIORE POUR RECUPERATION DE LA PORTEUSE DANS UN RECEPTEUR MDPQ DIFFERENTIEL

(71) **ADVANCED MICRO DEVICES, INC.** [US/US]; 5204 East Ben White Boulevard, Mail Stop 562, Austin, TX 78741 (US).

(72) **JANESCH, Stephen, T.**; 4106 Reynosa Drive, Austin, TX 78739 (US). **HENDRICKSON, Alan**; 1801 Kenwood Avenue, Austin, TX 78704 (US). **SCHNIZLEIN, Paul**; 11410 Antler Bend Road, Austin, TX 78737 (US).

(74) **RILEY, Louis, A.**; Advanced Micro Devices, Inc., 5204 East Ben White Boulevard, Mail Stop 562, Austin, TX 78741 (US).

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

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(11) **WO 98/23070** (13) A1

(21) PCT/US97/21468

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 60/031,350 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(31) Not furnished / non communiqué (32) **12 Nov/nov 1997 (12.11.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04L 27/227

(54) PASSBAND DQPSK DETECTOR FOR A DIGITAL COMMUNICATIONS RECEIVER
DETECTEUR PASSE–BANDE MDPQ DIFFERENTIEL POUR RECEPTEUR DE COMMUNICATIONS NUMERIQUE

(71) **ADVANCED MICRO DEVICES, INC.** [US/US]; 5204 East Ben White Boulevard, Mail Stop 562, Austin, TX 78741 (US).

(72) **HENDRICKSON, Alan**; 1801 Kenwood Avenue, Austin, TX 78704 (US). **SCHNIZLEIN, Paul**; 11410 Antler Bend Road, Austin, TX 78737 (US).

(74) **RILEY, Louis**; Advanced Micro Devices, Inc., 5204 East Ben White Boulevard, M/S 562, Austin, TX 78741 (US).

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

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(11) **WO 98/23071** (13) A1

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(22) **21 Nov/nov 1997 (21.11.1997)**

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(31) 60/031,350 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(31) Not furnished / non communiqué (32) **12 Nov/nov 1997 (12.11.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04L 27/227

(54) A PROGRAMMABLE LOOP FILTER FOR CARRIER RECOVERY IN A RADIO RECEIVER
FILTRE A BOUCLE PROGRAMMABLE POUR RECUPERATION DE LA PORTEUSE DANS UN RECEPTEUR RADIO

(71) **ADVANCED MICRO DEVICES, INC.** [US/US]; 5204 East Ben White Boulevard, Mail Stop 562, Austin, TX 78741 (US).

(72) **JANESCH, Stephen, T.**; 4106 Reynosa Drive, Austin, TX 78739 (US). **SCHINZLEIN, Paul**; 11410 Antler Bend Road, Austin, TX 78737 (US).

(74) **RILEY, Loius, A.**; Advanced Micro Devices, Inc., 5204 East Ben White Boulevard, Mail Stop 562, Austin, TX 78741 (US).

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

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(11) **WO 98/23072** (13) A1

(21) PCT/KR97/00224

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 1996/55451 (32) **19 Nov/nov 1996 (19.11.1996)** (33) KR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04L 27/34

(54) METHOD AND APPARATUS FOR CONSTANT ENVELOPE QUADRATURE–QUADRATURE AMPLITUDE MODULATION
PROCEDE ET DISPOSITIF PERMETTANT UNE MODULATION D'AMPLITUDE QUADRATIQUE–QUADRATIQUE EN ENVELOPPE CONSTANTE

(71) **DAEWOO TELECOM LTD.** [KR/KR]; 531–1, Kajwa–dong, Seo–gu, Incheon 404–250 (KR).

(72) **PARK, In, Jae**; 1473, Tanhyun–dong, Goyang–si, Kyungki–do 411–320 (KR). **LEE, Woo, Hyung**; 498–6, Myunmok–3–dong, Chunglang–ku, Seoul 131–203 (KR).

(74) **KIM, Jong, Su**; Dasung Building, Suite 201, 735–34, Yoksam–dong, Kangnam–ku, Seoul 135–080 (KR).

(81) DK FI JP SE.

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(11) **WO 98/23073** (13) A1

(21) PCT/SE97/01912

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/749,229 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04L 27/34

(54) CODED MODULATION FOR FADING CHANNELS
MODULATION CODEE POUR CANAL SUJET A EVANOUISSEMENTS

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S–126 25 Stockholm (SE).

(72) **SCHRAMM, Peter**; Anderlohrstrasse 350, D–91054 Erlangen (DE).

(74) **TELEFONAKTIEBOLAGET LM ERICSSON**; Patent and Trademark Dept., S–126 25 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23074** (13) A2

(21) PCT/US97/20742

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/751,882 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04M

(54) ACOUSTIC DIALER
COMPOSEUR ACOUSTIQUE

(71) **AT & T CORP.** [US/US]; 32 Avenue of the Americas, New York, NY 10013–2412 (US).

(72) **BOIE, Robert, Albert**; 200 Linden Avenue, Westfield, NJ 07090 (US).

(74) **DWORETSKY, Samuel, H.**; AT & T Corp., P.O. Box 4110, Middletown, NJ 07748 (US).

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

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(11) **WO 98/23075** (13) A2

(21) PCT/US97/21279

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 08/755,432 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04M

(54) MULTIMEDIA TELECONFERENCING BRIDGE
PONT DE TELECONFERENCE MULTIMEDIAS

(71) **UNISYS CORPORATION** [US/US]; Township Line and Union Meeting Roads, M/S C1SW19, Blue Bell, PA 19424–0001 (US).

(72) **CHAMPA, John, J.**; 7800 Hartwell Street, Dearborn, MI 48126 (US). **WILSON, George, S.**; 40 W. Green Hill Road, Broomall, PA 19008 (US).

(74) **STARR, Mark, T.**; Unisys Corporation, Township Line and Union Meeting Roads, M/S C1SW19, Blue Bell, PA 19424–0001 (US).

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

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(11) **WO 98/23076** (13) A2

(21) PCT/EP97/06403

(22) **15 Nov/nov 1997 (15.11.1997)**

(25) de (26) de

(31) 296 19 164.7 (32) **16 Nov/nov 1996 (16.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04M 1/00

(54) PROCESS FOR LOCALISING A PERSON IN NEED OF ASSISTANCE AND MOBILE EMERGENCY CALL SYSTEM
SYSTEME DE LOCALISATION D'UNE PERSONNE EN DANGER ET SYSTEME MOBILE D'APPEL D'URGENCE DE PERSONNES

(71, 72) **OEPEN, Siegfried** [DE/DE]; In den Ehrlen 1, D–53894 Mechernich (DE).

(81) AU CA CN GB JP MX US.

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(11) **WO 98/23077** (13) A1

(21) PCT/US97/20774

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/752,838 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04M 1/02

(54) PROTECTIVE COVER FOR PORTABLE RADIOTELEPHONE
COUVERCLE DE PROTECTION POUR RADIOTELEPHONE PORTABLE

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **MENDOLIA, Gregory, S.**; 205 Lake Ridge Drive, Forest, VA 24511 (US).

(74) **HALL, David, C.** et al. / etc.; Ericsson Inc., 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23078** (13) A1

(21) PCT/NO97/00311

(22) **24 Nov/nov 1997 (24.11.1997)**

(25) no (26) en

(31) 964998 (32) **22 Nov/nov 1996 (22.11.1996)** (33) NO

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04M 1/66, 1/68, H04B 3/54

(54) METHOD AND DEVICES FOR SECURING A TELECOMMUNICATION LINE
PROCEDE ET DISPOSITIFS PERMETTANT D'ASSURER LA SECURITE DE LIGNES DE TELECOMMUNICATIONS

(71, 72) **ERITZLAND, Rune** [NO/NO]; Gauselbakken 20, N–4032 Gausel (NO).

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

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

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(11) **WO 98/23079** (13) A1

(21) PCT/US97/20277

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) 08/754,846 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04M 3/00, H04L 12/66

(54) SYSTEM AND METHOD FOR TRANSPORTING A CALL IN A TELECOMMUNICATION NETWORK
SYSTEME ET PROCEDE DE TRANSPORT D'UN APPEL DANS UN RESEAU DE TELECOMMUNICATION

(71) **SPRINT COMMUNICATIONS COMPANY, L.P.** [US/US]; 8140 Ward Parkway, Kansas City, MO 64114 (US).

(72) **NELSON, Tracy, Lee**; 7103 Mastin, Shawnee Mission, KS 66203 (US). **WILEY, William, Lyle**; 814 N. Mesa Street, Olathe, KS 66061 (US). **DuREE, Albert, Daniel**; 16913 Cogan Road, Independence, MO 64055 (US).

(74) **DICKEY, Steven, R.**; 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23080** (13) A2

(21) PCT/US97/21174

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/751,203 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 08/751,668 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 08/752,271 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 08/758,734 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 08/751,209 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 08/751,661 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 08/752,236 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 08/752,487 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 08/752,269 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 08/751,923 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 08/751,658 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 08/752,552 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 08/751,933 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 08/751,663 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 08/746,899 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 08/751,915 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 08/752,400 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 08/751,922 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 08/751,961 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04M 11/06

(54) A COMMUNICATION SYSTEM ARCHITECTURE
SYSTEME, PROCEDE ET PRODUIT MANUFACTURE POUR L'ARCHITECTURE D'UN SYSTEME DE COMMUNICATION

(71) **MCI COMMUNICATIONS CORPORATION** [US/US]; 1133 19th Street, N.W., Washington, DC 20036 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ELLIOTT, Isaac, K.** [US/US]; 3855 Orchard Drive, Colorado Springs, CO 80920 (US). **STEELE, Rick, D.** [US/US]; 6314 Dessbury Drive, Colorado Springs, CO 80918 (US). **GALVIN, Thomas, J.** [US/US]; 1085 Milstead Drive, Hiawatha, IA 52233 (US). **LAFRENIERE, Lawrence, L.** [US/US]; 3220 Brunswick Drive, Colorado Springs, CO 80920 (US). **KRISHNASWAMY, Sridhar** [IN/US]; 7312 Beckett Drive, N.E., Cedar Rapids, IA 52402 (US). **FORGY, Glen, A.** [US/US]; 19 Montrose Avenue, Iowa City, IA 52245 (US). **REYNOLDS, Tim, E.** [US/US]; 3123 Juniper Drive, Iowa City, IA 52245 (US). **SOLBRIG, Erin, M.** [US/US]; 3405 Guadalajara Road, S.W., Cedar Rapids, IA 52404 (US). **CERF, Vinton** [US/US]; 3614 Camelot Drive, Annadale, VA 22003 (US). **GROSS, Phil** [US/US]; 20331 Cockerill Road, Purceville, VA 22132 (US). **DUGAN, Andrew, J.** [US/US]; 2025 Tabor Court, Colorado Springs, CO 80919 (US). **SIMS, William, A.** [US/US]; 4930 Townsend Drive, Colorado Springs, CO 80922 (US). **HOLMES, Allen** [US/US]; 5375 Chambrey Court, Colorado Springs, CO 80919 (US). **SMITH, Robert, S., II** [US/US]; 5045 Dorset Lane, Suwanee, GA 30174 (US). **KELLY, Patrick, J., III** [US/US]; 2710 Briarhurst Drive, Houston, TX 77057 (US). **GOTTLIEB, Louis, G.** [US/US]; 6639 Foxdale Circle, Colorado Springs, CO 80919 (US). **COLLIER, Matthew, T.** [US/US]; 12983 Thistlethorn Drive, Herndon, VA 20171 (US). **WILLE, Andrew, N.** [US/US]; 3380 Oriole Court, N.E., Cedar Rapids, IA 52401 (US). **RINDE, Joseph** [US/US]; 7706 Fontaine Street, Potomac, MD 20854 (US). **LITZENBERGER, Paul, D.** [US/US]; 420 West Oak Street, Wylie, TX 75098 (US). **TURNER, Don, A.** [US/US]; 4204 Magnolia Drive, McKinney, TX 75070 (US). **WALTERS, John, J.** [US/US]; 2601 Lexington, McKinney, TX 75070 (US). **EASTEP, Guido, M.** [US/US]; 3005 Saint Germain Drive, McKinney, TX 75070 (US). **MARSHALL, David, D.** [US/US]; 1008 Serenade Lane, Richardson, TX 75081 (US). **PRICE, Ricky, A.** [US/US]; 2991 Hillingdon Drive, Richardson, TX 75082 (US). **SALEH, Bilal, A.** [SY/US]; 1205 E. Camp McDonald Road, Prospect Heights, IL 60070 (US).

(74) **WARREN, Sanford, E., Jr.**; Warren & Perez, Suite 710, 8411 Preston Road, Dallas, TX 75225 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23081** (13) A1

(21) PCT/US97/21105

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 60/031,365 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04M 15/00, B42D 15/00, 15/10, G06K 7/10, 5/00, G06E 15/20, G06F 15/20

(54) LINKAGE IDENTIFICATION SYSTEM
SYSTEME D'IDENTIFICATION PAR LIENS

(71) **PRECISION DYNAMICS CORPORATION** [US/US]; 13880 Del Sur Street, San Fernando, CA 91340–9043 (US).

(72) **MOSHER, Walter, W., Jr.**; 7623 Southby Drive, West Hills, CA 91304 (US). **OROCIO, Reuel, S.**; 809 North 5th Avenue, Covina, CA 91730 (US).

(74) **MAHONEY, Thomas, P.**; Suite 710, 660 Newport Center Drive, Newport Beach, CA 92660 (US).

(81) AU BR CA JP MX; EA (AM AZ BY KG KZ MD RU TJ TM).

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(11) **WO 98/23082** (13) A1

(21) PCT/US97/20541

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 08/755,269 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04N 1/00, 1/32

(54) FACSIMILE TRANSMISSION VIA PACKET SWITCHED DATA NETWORKS
TRANSMISSION DE TELECOPIES PAR LE BIAIS DE RESEAUX DE DONNEES COMMUTES PAR PAQUETS

(71) **INTERNATIONAL DATA FORWARDERS, LLC** [US/US]; 3558 Voyager Circle, P.O. Box 2229, San Diego, CA 92130 (US).

(72) **ANGLIN, Richard, L., Jr.**; 2115 Heather Lane, Del Mar, CA 92014 (US). **KENT, Edward, A.**; 930 Rose Arbor Drive, San Marcos, CA 92069 (US).

(74) **GIACCHERINI, Thomas, N.**; Anglin & Giacchetini, P.O. Box 1146, Carmel Valley, CA 93924 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23083** (13) A2

(21) PCT/IB97/01469

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 8/309322 (32) **20 Nov/nov 1996 (20.11.1996)** (33) JP

(31) 8/309323 (32) **20 Nov/nov 1996 (20.11.1996)** (33) JP

(31) 9/161660 (32) **18 Jun/juin 1997 (18.06.1997)** (33) JP

(31) 9/161661 (32) **18 Jun/juin 1997 (18.06.1997)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04N 1/32

(54) PICTURE IMAGE OUTPUTTING METHOD AND PHOTOGRAPH FINISHING SYSTEM USING THE METHOD
PROCEDE POUR SORTIR DES IMAGES ET SYSTEME DE FINITION DE PHOTOGRAPHIE UTILISANT LEDIT PROCEDE

(71) **FUJI PHOTO FILM CO., LTD.** [JP/JP]; 210 Nakanuma, Minamiashigara–shi, Kanagawa–ken 250–01 (JP).

(72) **SHIOTA, Kazuo**; Fuji Photo Film Co., Ltd., 2–26–30, Nishiazabu, Minato–ku, Tokyo 106 (JP). **OHTSUKA, Shuichi**; Fuji Photo Film Co., Ltd., 798, Miyanodai, Kaisei–machi, Ashigarakami–gun, Kanagawa–ken 258 (JP). **NAKAJIMA, Nobuyoshi**; Fuji Photo Film Co., Ltd., 798, Miyanodai, Kaisei–machi, Ashigarakami–gun, Kanagawa–ken 258 (JP). **HANEDA, Norihisa**; Fuji Photo Film Co., Ltd., 3–11–46, Senzui, Asaka–shi, Saitama–ken 351 (JP). **MAKISHIMA, Sugio**; Fuji Photo Film Co., Ltd., 3–11–46, Senzui, Asaka–shi, Saitama–ken 351 (JP). **TANAKA, Hiroshi**; Fuji Photo Film Co., Ltd., 3–11–46, Senzui, Asaka–shi, Saitama–ken 351 (JP).

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

(81) AU.

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(11) **WO 98/23084** (13) A1

(21) PCT/US97/17040

(22) **24 Sep/sep 1997 (24.09.1997)**

(25) en (26) en

(31) 08/754,095 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04N 3/15, 5/225

(54) LARGE AREA IMAGE DETECTOR
DETECTEUR D'IMAGE A COUVERTURE LARGE

(71) **SCHICK TECHNOLOGIES, INC.** [US/US]; 31–00 47th Avenue, Long Island, NY 11101 (US).

(72) **SCHICK, David, B.**; 150–54 76th Road, Flushing, NY 11367 (US). **NEUGROSCHL, Daniel, A.**; 123 West 95th Street #2F, New York, NY 10025 (US). **PLASS, David, B.**; 2754 Riverside Avenue, Merrick, NY 11566 (US). **SINGER, Jonathan**; 85 Myrtle Avenue, Dobbs Ferry, NY 10522 (US).

(74) **MAYER, Robert, S.** et al. / etc.; Fitzpatrick, Cella, Harper & Scinto, 277 Park Avenue, New York, NY 10172–0194 (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 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 ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23085** (13) A1

(21) PCT/CA97/00881

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 2,190,785 (32) **20 Nov/nov 1996 (20.11.1996)** (33) CA

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04N 5/14

(54) METHOD OF PROCESSING A VIDEO STREAM

PROCEDE DE TRAITEMENT D'UN FLUX DE DONNEES VIDEO

(71) **TELEVITESSE SYSTEMS INC.** [CA/CA]; 115 rue Champlin, Hull, Quebec J8X 3R1 (CA). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HIRZALLA, Nael** [CA/US]; Apartment 1077, 3503 S. Lamar, Austin, TX 78704 (US). **STREATCH, Paul** [CA/CA]; P.O. Box 1196, Richmond, Ontario K0A 2Z0 (CA). **MACLEAN, Roger** [CA/CA]; 90 St. Claire Avenue, Nepean, Ontario K2G 2A6 (CA). **MENARD, Rob** [CA/CA]; 168 Oakridge Boulevard, Nepean, Ontario K2G 2V2 (CA).

(74) **MITCHELL, Richard, J.**; Marks & Clerk, P.O. Box 957, Station B, Ottawa, Ontario K1P 5S7 (CA).

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

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(11) **WO 98/23086** (13) A1

(21) PCT/US97/18473

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) en (26) en

(31) 08/752,295 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04N 5/21, H04L 25/03

(54) ADAPTIVE SPARSE EQUALIZATION FILTER
FILTRE EGALISEUR ADAPTATIF PEU DENSE

(71) **THOMSON MULTIMEDIA S.A.** [FR/FR]; 46, quai A. Le Gallo, F–92648 Boulogne Cédex (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LU, Cheng–Youn** [CN/US]; 55 Carleton Terrae, Cresskill, NJ 07626 (US).

(74) **TRIPOLI, Joseph, S.** et al. / etc.; GE & RCA Licensing Management Operation, Inc., P.O. Box 5312, Princeton, NJ 08543 (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 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 TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23087** (13) A1

(21) PCT/SE97/01909

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) sv (26) en

(31) 9604241–1 (32) **19 Nov/nov 1996 (19.11.1996)** (33) SE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04N 5/44, 5/445

(54) SUBLIMINAL MESSAGE PROTECTION
PROTECTION CONTRE LES MESSAGES SUBLIMINAUX

(71) **TELEFONAKTIEBOLAGET L M ERICSSON** [SE/SE]; S–126 25 Stockholm (SE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **JÄNDEL, Magnus** [SE/SE]; Vårvägen 10, S–194 60 Upplands Väsby (SE).

(74) **ERICSSON TELECOM AB**; IPR Management & Patent Dept., S–126 25 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23088** (13) A1

(21) PCT/US97/21385

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 08/752,791 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04N 5/765

(54) INFRARED BLASTER CONTROL SYSTEM IN CABLE TELEVISION COMMUNICATION SYSTEMS
DISPOSITIF DE COMMANDE PAR PROGRAMMATEUR DE PROM A INFRAROUGE POUR SYSTEMES DE COMMUNICATIONS DU TYPE TELEVISION PAR CABLE

(71) **NEXTLEVEL SYSTEMS, INC.** [US/US]; 2200 Byberry Road, Hatboro, PA 19040 (US).

(72) **MICHAUD, Ted, Richard**; 3 Pleasant Mill Court, Medford, NJ 08055 (US).

(74) **VOLPE, Anthony, S.** et al. / etc.; Volpe and Koenig, P.C., 400 One Penn Center, 1617 John F. Kennedy Boulevard, 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23089** (13) A1

(21) PCT/JP97/04250

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) ja (26) ja

(31) 8/325876 (32) **22 Nov/nov 1996 (22.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04N 5/78, G11B 27/031

(54) EDITOR, EDITING SYSTEM, AND EDITING METHOD
EDITEUR, ET SYSTEME ET PROCEDE D'EDITION

(71) **SONY CORPORATION** [JP/JP]; 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **EBISAWA, Kan** [JP/JP]; Sony Corporation, 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141 (JP).

(74) **MATSUKUMA, Hidemori**; Shinjuku Building, 8–1, Nishishinjuku 1–chome, Shinjuku–ku, Tokyo 160 (JP).

(81) GB JP KR US.

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(11) **WO 98/23090** (13) A1

(21) PCT/US97/21110

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 08/749,776 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04N 7/00

(54) ACTIVE SYSTEM AND METHOD FOR REMOTELY IDENTIFYING RF BROADCAST STATIONS
PROCEDE ET SYSTEME ACTIF D'IDENTIFICATION A DISTANCE DE STATIONS DE RADIODIFFUSION HF

(71, 72) **WORTHY, David, G.** [US/US]; 819 E. Vaughn, Gilbert, AZ 85234 (US).

(72) **DUBRALL, Danny, L.**; 2173 E. Bishop Drive, Tempe, AZ 85282 (US).

(74) **GRESHAM, Lowell, W.** et al. / etc.; Meschkow & Gresham, P.L.C., Suite 409, 5727 North Seventh Street, Phoenix, AZ 85014 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23091** (13) A2

(21) PCT/IB97/01370

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 96203227.2 (32) **21 Nov/nov 1996 (21.11.1996)** (33) EP

(34) NL et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04N 7/08

(54) TRANSMISSION AND RECEPTION OF TELEVISION PROGRAMS AND AN ADDITIONAL DATA SERVICE
EMISSION ET RECEPTION DE PROGRAMMES DE TELEVISION ET SERVICE AUXILIAIRE DE TRANSMISSION DE DONNEES

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

(71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE). *(only for / seulement pour SE)*

(72) **KAARS, Peter, Bernhard**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **SCHMITZ, Herman, J., R.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

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

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(11) **WO 98/23092** (13) A1

(21) PCT/US97/20800

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/751,895 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04N 7/24, 7/56

(54) FIELD IDENTIFICATION SYSTEM
SYSTEME D'IDENTIFICATION DE CHAMPS

(71) **ZENITH ELECTRONICS CORPORATION** [US/US]; 1000 Milwaukee Avenue, Glenview, IL 60025–2495 (US).

(72) **TURNER, Rudolf**; 11 Winding Branch Road, Hawthorn Woods, IL 60047 (US).

(74) **CHRYSTAL, John, J.**; Ladas & Parry, 224 S. Michigan Avenue, Chicago, IL 60604 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 9624001.5 (32) **19 Nov/nov 1996 (19.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04N 7/58

(54) METHOD AND APPARATUS FOR MODIFYING TABLES OF DATA
PROCEDE ET DISPOSITIF SERVANT A MODIFIER DES TABLES DE DONNEES

(71) **NDS LIMITED** [GB/GB]; 1 Heathrow Boulevard, 286 Bath Road, West Drayton, Middlesex UB7 0DQ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CARTWRIGHT, Charles** [GB/GB]; 39 Colebrook Avenue, Upper Shirley, Southampton, Hampshire SO15 5NS (GB). **WILSON, Giles** [GB/GB]; Flat 3, 113 High Street, Winchester, Hampshire SO23 9AS (GB). **CAINES, Christopher** [GB/GB]; 50 Whitley Road, Yately GU46 6DQ (GB).

(74) **ANDERSON, Angela, Mary**; NDS Limited, Stoneham Rectory, Stoneham Lane, Eastleigh, Hampshire SO50 9NW (GB).

(81) JP NO US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/23094** (13) A2

(21) PCT/US97/20667

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 60/031,133 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(31) 08/948,827 (32) **10 Oct/oct 1997 (10.10.1997)** (33) US

(31) 08/948,787 (32) **10 Oct/oct 1997 (10.10.1997)** (33) US

(31) 08/948,684 (32) **10 Oct/oct 1997 (10.10.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04N 9/00, G06F 31/47, G09G 3/36, 3/20

(54) ADAPTER CIRCUIT FOR A FLAT PANEL DISPLAY MONITOR
CIRCUIT D'ADAPTATEUR POUR MONITEUR A ECRAN PLAT

(71) **SAGE, INC.** [US/US]; Suite 420, 4633 Old Ironsides Drive, Santa Clara, CA 95054 (US).

(72) **REDDY, Chandra, Shekar**; 10383 Tular Lane, Cupertino, CA 95014 (US). **REDDY, Ram**; 1468 Stubbins Way, San Jose, CA 95132 (US). **RAJASHEKARAN, Rlango**; No. 10, 6th Cross, Car Street, Vlsoor, Bangalone 560 008 (IN).

(74) **HAVERSTOCK, Thomas, B.** et al. / etc.; Haverstock & Associates, Suite 420, 260 Sheridan Avenue, Palo Alto, CA 94306 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23095** (13) A2

(21) PCT/US97/20770

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 08/754,354 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04Q

(54) SYSTEM AND METHOD FOR INTERFACING A LOCAL COMMUNICATION DEVICE
SYSTEME ET METHODE D'INTERFAÇAGE D'UN DISPOSITIF DE COMMUNICATION LOCAL

(71) **SPRINT COMMUNICATIONS COMPANY, L.P.** [US/US]; 8140 Ward Parkway, Kansas City, MO 64114 (US).

(72) **CHRISTIE, Joseph, M.** (deceased / décédé).**GARDNER, Michael, Joseph**; 5307 W. 100th Street, Overland Park, KS 66207 (US). **DuREE, Albert, Daniel**; 16913 Cogan Road, Independence, MO 64055 (US). **WILEY, William, Lyle**; 814 N. Mesa Street, Olathe, KS 66061 (US). **NELSON, Tracy, Lee**; 7103 Mastin, Shawnee Mission, KS 66203 (US).

(74) **DICKEY, Steven, R.**; 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23096** (13) A2

(21) PCT/US97/19969

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) en (26) en

(31) 08/760,657 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04Q 3/00, H04M 3/42

(54) SYSTEM AND METHOD FOR IMPLEMENTING LOCAL NUMBER PORTABILITY
SYSTEME ET PROCEDE POUR REALISER LA TRANSFERABILITE DE NUMEROS LOCAUX

(71) **BELLSOUTH CORPORATION** [US/US]; 1155 Peachtree Street, N.E., Atlanta, GA 30309 (US).

(72) **NIMMAGADDA, Prasad, V.**; 541 Mauldin Drive, Norcross, GA 30071 (US). **EPLEY, Robert, V.**; 4118 Willstone Court, Norcross, GA 30092 (US).

(74) **MEHRMAN, Michael, J.** et al. / etc.; Jones & Askew, LLP, 37th floor, 191 Peachtree Street, N.E., Atlanta, GA 30303 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23097** (13) A1

(21) PCT/US97/20031

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 08/754,231 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04Q 3/00, 3/545

(54) PROCESSOR FOR SIGNALING MESSSAGES IN A DATA SWITCHING NETWORK
PROCESSEUR POUR LA SIGNALISATION DE MESSAGES DANS UN RESEAU DE COMMUTATION DE DONNEES

(71) **EXCEL SWITCHING CORPORATION** [US/US]; 255 Independence Drive, Hyannis, MA 02601 (US).

(72) **SILVA, Michael**; 95 Willis Street, South Dartmouth, MA 02532 (US).

(74) **CESARI, Robert, A.** et al. / etc.; Cesari and McKenna, LLP, 30 Rowes Wharf, Boston, MA 02110 (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 MN MX NO NZ PL RO SG SI SK SL TR TT UA UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23098** (13) A1

(21) PCT/US97/21218

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 9624173.2 (32) **19 Nov/nov 1996 (19.11.1996)** (33) GB

(31) 96308484.3 (32) **25 Nov/nov 1996 (25.11.1996)** (33) EP

(34) GB et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04Q 3/00

(54) A SERVICE MANAGEMENT SYSTEM FOR USE IN COMMUNICATIONS
SYSTEME DE GESTION DE SERVICES POUR COMMUNICATIONS

(71) **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY** [GB/GB]; 81 Newgate Street, London EC1A 7AJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ELFE, Charles, Dieter** [US/US]; The University of New Hampshire, Dept. of Computer Science, Durham, NH 03824 (US). **LESAINT, David** [FR/GB]; 102 Arundel Way, Ipswich, Suffolk IP3 8QH (GB). **AZARMI, Nader** [GB/GB]; 1 Sonnell Court, Wivenhoe, Essex CO7 9RT (GB). **CORLEY, Stephen, Leslie** [GB/GB]; 7 Browns Grove, Kesgrave, Ipswich IP5 2GP (GB). **FREUDER, Eugene, Charles** [US/US]; The University of New Hampshire, Dept. of Computer Science, Durham, NH 03824 (US).

(74) **NIXON, Larry, S.**; Nixon & Vanderhye P.C., 8th floor, 1100 North Glebe Road, Arlington, VA 22201–4714 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(22) **28 Oct/oct 1997 (28.10.1997)**

(25) en (26) en

(31) 08/744,221 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04Q 7/00

(54) SYSTEM AND METHOD OF TEMPORARILY CHANGING SUBSCRIBER SERVICES IN A RADIO TELECOMMUNICATIONS NETWORK
SYSTEME ET PROCEDE PERMETTANT DE MODIFIER TEMPORAIREMENT DES SERVICES D'ABONNE DANS UN RESEAU DE RADIOTELECOMMUNICATIONS

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S–126 25 Stockholm (SE).

(72) **FOTI, George**; 2967 Lake Road, Dollard des Ormeaux, Quebec H9B 2M1 (CA).

(74) **TELEFONAKTIEBOLAGET LM ERICSSON**; Patent and Trademark Dept., S–126 25 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23100** (13) A1

(21) PCT/US97/19522

(22) **28 Oct/oct 1997 (28.10.1997)**

(25) en (26) en

(31) 08/753,070 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04Q 7/00

(54) METHOD AND APPARATUS FOR MINIMIZING TRAFFIC IN A TWO–WAY WIRELESS MESSAGING SYSTEM
PROCEDE ET DISPOSITIF DE MINIMISATION DU TRAFIC DANS UN SYSTEME DE RADIO–MESSAGERIE BIDIRECTIONNELLE

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **SUMNER, Terence, Edward**; 2057 Spinnaker Lane, Azle, TX 76020 (US). **HILL, Thomas, Casey**; 35 Troon Court, Trophy Club, TX 76262 (US). **D'AMICO, Thomas, V.**; Apartment #302, 2707 North Ocean Boulevard, Boca Raton, FL 33431 (US). **WANG, Zhonghe**; 61 Canton Road, Lake Worth, FL 33467 (US). **LIN, Jyh–Han**; 420 Durrand Oak Drive, Keller, TX 76137 (US). **BRIANCON, Alain, C.**; 2808 Roundrock Trail, McKinney, TX 75070 (US).

(74) **BETHARDS, Charles, W.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 5401 North Beach Street, M/S E230, Fort Worth, TX 76137 (US).

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

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(11) **WO 98/23101** (13) A1

(21) PCT/US97/21025

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 60/031,140 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04Q 7/00

(54) ADAPTIVE BEAMFORMING FOR WIRELESS COMMUNICATION
FORMATION ADAPTATIVE DE FAISCEAUX POUR LA COMMUNICATION RADIO

(63) US 60/031,140 (CIP)
18 Nov/nov 1996 (18.11.1996)

(71) **ARGO SYSTEMS, INC.** [US/US]; 324 North Mary Avenue, Sunnyvale, CA 94088–3452 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FROST, Otis, L.** [US/US]; 1991 Bryant Street, Palo Alto, CA 94301 (US). **SHTROM, Victor** [US/US]; 125 Connemara Way #153, Sunnyvale, CA 94087 (US). **HOGENAUER, Eugene, B.** [US/US]; 93 Hilltop Drive, San Carlos, CA 94070 (US).

(74) **WILLMAN, George, A.**; Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304–1050 (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 ID 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 SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23102** (13) A2

(21) PCT/US97/22527

(22) **21 Nov/nov 1997 (21.11.1997)**

(25) en (26) en

(31) 08/753,296 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04Q 7/08, H04M 3/42, 11/00

(54) PERSONAL COMPUTER CONTROL AND ACTIVATION DEVICE
DISPOSITIF DE COMMANDE ET D'ACTIVATION D'ORDINATEUR PERSONNEL

(71) **DSC TELECOM L.P.** [US/US]; 1000 Coit Road, Plano, TX 75075 (US).

(72) **SKOOG, Frederick, H.**; 127 Cheeksparger Road, Colleyville, TX 76034 (US).

(74) **FISH, Charles, S.**; Baker & Botts, L.L.P., 2001 Ross Avenue, Dallas, TX 75201–2980 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23103** (13) A1

(21) PCT/KR97/00039

(22) **14 Mar/mar 1997 (14.03.1997)**

(25) en (26) en

(31) 1996/56563 (32) **22 Nov/nov 1996 (22.11.1996)** (33) KR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04Q 7/20

(54) FILTER STRUCTURE FOR RADIO DEVICE
STRUCTURE DE FILTRE POUR DISPOSITIF RADIO

(71, 72) **CHANG, Eung–Soon** [KR/KR]; 103–904 Samik Ceramic Apt., 1038 Mansoo–dong, Namdong–gu, Inchon–shi 405–240 (KR).

(74) **YOO, Dong–Ho** et al. / etc.; Kangnam Building, Room 903, 1321–1, Soch'o–dong, Soch'o–gu, Seoul 137–070 (KR).

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

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(11) **WO 98/23104** (13) A2

(21) PCT/DE97/02581

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) de (26) de

(31) 196 47 629.1 (32) **18 Nov/nov 1996 (18.11.1996)** (33) DE

(31) 196 52 303.6 (32) **16 Dec/déc 1996 (16.12.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04Q 7/22, 7/38, H04B 7/26

(54) PROCESS AND BASE STATION SYSTEM FOR CONFIGURING AN AIR INTERFACE BETWEEN A MOBILE STATION AND A BASE STATION IN A TIME–DIVISION MULTIPLEX MOBILE RADIO TELEPHONE SYSTEM FOR PACKET DATA TRANSMISSION
PROCEDE ET SYSTEME DE STATION DE BASE POUR LA CONFIGURATION D'UNE INTERFACE RADIO ENTRE UNE STATION MOBILE ET UNE STATION DE BASE D'UN SYSTEME RADIOTELEPHONIQUE MOBILE A MULTIPLEXAGE DANS LE TEMPS POUR UNE TRANSMISSION DE DONNEES PAR PAQUETS

(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) **MENZEL, Christian** [DE/DE]; Edelweissstrasse 36, D–82216 Maisach (DE). **ÖTTL, Martin** [DE/DE]; Johann–Baur–Strasse 16, D–82362 Weilheim (DE).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU ID IL 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; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23105** (13) A2

(21) PCT/DE97/02582

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) de (26) de

(31) 196 47 629.1 (32) **18 Nov/nov 1996** (33) DE **(18.11.1996)**

(31) 196 52 303.6 (32) **16 Dec/déc 1996** (33) DE **(16.12.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04Q 7/22, 7/38, H04B 7/26

(54) PROCESS AND BASE STATION SYSTEM FOR CONFIGURING AN AIR INTERFACE BETWEEN A MOBILE STATION AND A BASE STATION IN A TIME–DIVISION MULTIPLEX MOBILE RADIO TELEPHONE SYSTEM FOR PACKET DATA TRANSMISSION
PROCEDE ET SYSTEME DE STATION DE BASE POUR LA CONFIGURATION D'UNE INTERFACE RADIO ENTRE UNE STATION MOBILE ET UNE STATION DE BASE D'UN SYSTEME RADIO TELEPHONIQUE MOBILE A MULTIPLEXAGE DANS LE TEMPS POUR UNE TRANSMISSION DE DONNEES PAR PAQUETS

(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) **MENZEL, Christian** [DE/DE]; Edelweissstrasse 36, D–82216 Maisach (DE). **ÖTTL, Martin** [DE/DE]; Johann–Baur–Strasse 16, D–82362 Weilheim (DE).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU ID IL 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; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23106** (13) A2

(21) PCT/DE97/02583

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) de (26) de

(31) 196 47 629.1 (32) **18 Nov/nov 1996** (33) DE **(18.11.1996)**

(31) 196 52 303.6 (32) **16 Dec/déc 1996** (33) DE **(16.12.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04Q 7/22, 7/38, H04B 7/26

(54) PROCESS AND BASE STATION SYSTEM FOR CONFIGURING AN AIR INTERFACE BETWEEN A MOBILE STATION AND A BASE STATION IN A TIME–DIVISION MULTIPLEX MOBILE RADIO TELEPHONE SYSTEM FOR PACKET DATA TRANSMISSION
PROCEDE ET SYSTEME DE STATION DE BASE POUR LA CONFIGURATION D'UNE INTERFACE RADIO ENTRE UNE STATION MOBILE ET UNE STATION DE BASE D'UN SYSTEME RADIO TELEPHONIQUE MOBILE A MULTIPLEXAGE DANS LE TEMPS POUR UNE TRANSMISSION DE DONNEES PAR PAQUETS

(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) **MENZEL, Christian** [DE/DE]; Edelweissstrasse 36, D–82216 Maisach (DE). **ÖTTL, Martin** [DE/DE]; Johann–Baur–Strasse 16, D–82362 Weilheim (DE).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU ID IL 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; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23107** (13) A2

(21) PCT/DE97/02584

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) de (26) de

(31) 196 47 629.1 (32) **18 Nov/nov 1996** (33) DE **(18.11.1996)**

(31) 196 52 303.6 (32) **16 Dec/déc 1996** (33) DE **(16.12.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04Q 7/22, 7/38, H04B 7/26

(54) PROCESS AND BASE STATION SYSTEM FOR CONFIGURING AN AIR INTERFACE BETWEEN A MOBILE STATION AND A BASE STATION IN A TIME–DIVISION MULTIPLEX MOBILE RADIO TELEPHONE SYSTEM FOR PACKET DATA TRANSMISSION
PROCEDE ET SYSTEME DE STATION DE BASE POUR LA CONFIGURATION D'UNE INTERFACE RADIO ENTRE UNE STATION MOBILE ET UNE STATION DE BASE D'UN SYSTEME RADIO TELEPHONIQUE MOBILE A MULTIPLEXAGE DANS LE TEMPS POUR UNE TRANSMISSION DE DONNEES PAR PAQUETS

(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) **MENZEL, Christian** [DE/DE]; Edelweissstrasse 36, D–82216 Maisach (DE). **ÖTTL, Martin** [DE/DE]; Johann–Baur–Strasse 16, D–82362 Weilheim (DE).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU ID IL 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; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23108** (13) A2

(21) PCT/EP97/06440

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 964621 (32) **19 Nov/nov 1996** (33) FI **(19.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04Q 7/22, 7/32, H04M 3/44

(54) METHODS AND APPARATUS FOR ACCESSING TELEPHONE NUMBERS
PROCEDES ET APPAREILS POUR ACCEDER A DES NUMEROS DE TELEPHONE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S–126 25 Stockholm (SE).

(72) **SNELLMAN, Henrik**; Bergmansgatan 16 F 36, FIN–00140 Helsingfors (FI).

(74) **RUUSKANEN, Juha–Pekka**; Borenius & Co. Oy Ab, Kansakoulukuja 3, FIN–00100 Helsinki (FI) 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23109** (13) A2

(21) PCT/EP97/06509

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 196 48 077.9 (32) **20 Nov/nov 1996** (33) DE **(20.11.1996)**

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04Q 7/22, H04B 7/26

(54) A METHOD OF SETTING THE PERSISTENCE OF A MOBILE STATION IN A CELLULAR MOBILE RADIO NETWORK
PROCEDE DE REGLAGE DE LA PERSISTANCE D'UNE STATION MOBILE DANS UN RESEAU RADIOTELEPHONIQUE MOBILE CELLULAIRE

(71) **NOKIA MOBILE PHONES LIMITED** [FI/FI]; Keilalahdentie 4, FIN–02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DECKER, Peter** [DE/DE]; Sibeliusstrasse 33, D–45772 Marl (DE).

(74) **FRAIN, Timothy, John** et al. / etc.; Nokia Mobile Phones, Patent Dept., St. Georges Court, St. Georges Road, Camberley, Surrey GU15 3QZ (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23110** (13) A2

(21) PCT/SE97/01892

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) 08/749,807 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04Q 7/22, 7/38

(54) DELIVERY OF DIGITAL DATA MESSAGES IN A DUAL MODE CELLULAR TELEPHONE NETWORK
REMISE DE MESSAGES NUMERIQUES DE DONNEES DANS UN RESEAU TELEPHONIQUE CELLULAIRE BI–MODE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S–126 25 Stockholm (SE).

(72) **JOONG, Donald**; 9147 25th Avenue, Montreal, Quebec H1Z 4C7 (CA). **KATINAKIS, Nikos**; Apartment 604, 3620 Ridgewood, Montreal, Quebec H3V 1C3 (CA). **RAHMAN, Akbar**; 870 Savard, Brossard, Quebec J4X 1X8 (CA).

(74) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)**; Patent and Trademark Dept., S–126 25 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23111** (13) A2

(21) PCT/SE97/01941

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 60/031,693 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(31) 08/804,252 (32) **21 Feb/fév 1997 (21.02.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04Q 7/22, 7/38

(54) CALLED PARTY AVAILABILITY ANNOUNCEMENT IN A RADIO TELECOMMUNICATIONS NETWORK
ANNONCE DE DISPONIBILITE DE L'ABONNE APPELE DANS UN RESEAU DE TELECOMMUNICATIONS RADIO

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S–126 25 Stockholm (SE).

(72) **MADOUR, Lila**; 5688 Bannantyne, Verdun, Quebec H4H 1G9 (CA). **HOUDE, Michel**; 1570 Filion, St.–Laurent, Quebec H4L 4E8 (CA).

(74) **TELEFONAKTIEBOLAGET LM ERICSSON**; Patent & Trademark Dept., S–126 25 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23112** (13) A2

(21) PCT/US97/20256

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) 08/752,020 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04Q 7/22, 7/38, H04B 7/26

(54) TIME–MULTIPLEXED SHORT MESSAGE ACKNOWLEDGMENT SYSTEMS AND METHODS
SYSTEMES ET PROCEDES D'ACCUSE DE RECEPTION DE MESSAGES COURTS A MULTIPLEXAGE TEMPOREL

(71) **ERICSSON, INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WANG, Yi–Pin, Eric** [–/US]; 215 Cedarpost Drive, Cary, NC 27513 (US).

(74) **MEEKS, Robert, M.**; Myers, Bigel, Sibley, & Sajovec, L.L.P., P.O. Box 37428, Raleigh, NC 27627 (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 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 TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23113** (13) A2

(21) PCT/US97/21078

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/752,255 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04Q 7/22, H04M 3/54

(54) BEST–CHANCE ROUTING
ACHEMINEMENT LE PLUS APPROPRIE

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **VALENTINE, Eric**; 1600 Brazos Trail, Plano, TX 75075 (US). **ALPEROVICH, Vladimir**; 8419 Rain Dance Trail, Dallas, TX 75252 (US).

(74) **MOORE, Stanley, R.**; Jenkens & Gilchrist, P.C., Suite 3200, 1445 Ross Avenue, Dallas, TX 75202 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23114** (13) A2

(21) PCT/US97/20750

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 751,191 (32) **16 Nov/nov 1996 (16.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04Q 7/32, 7/22

(54) SYSTEM AND METHOD FOR USER–PROGRAMMABLE SERVICE PROGRAMMING OF CELLULAR TELEPHONES
SYSTEME ET METHODE DE PROGRAMMATION PAR L'UTILISATEUR DE SERVICES DE TELEPHONIE CELLULAIRE

(71) **QUALCOMM INCORPORATED** [US/US]; 6455 Lusk Boulevard, San Diego, CA 92121 (US).

(72) **KENAGY, Jason, B.**; 7529 Herschel Avenue #2, La Jolla, CA 92037 (US). **COAD, Michael, T.**; 13897 Goodman Street, Overland Park, KS 66223 (US).

(74) **MILLER, Russell, B.** et al. / etc.; Qualcomm Incorporated, 6455 Lusk Boulevard, San Diego, CA 92121 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23115** (13) A1

(21) PCT/EP96/05096

(22) **18 Nov/nov 1996 (18.11.1996)**

(25) en (26) en

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04Q 7/34, 7/22

(54) MONITORING TRAFFIC IN A MOBILE COMMUNICATION NETWORK
SURVEILLANCE DU TRAFIC DANS UN RESEAU DE COMMUNICATION MOBILE

(71) **NOKIA TELECOMMUNICATIONS OY** [FI/FI]; Upseerinkatu 1, FIN–02601 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KALEV, Jordan** [FI/FI]; Sateentie 6 B 92, FIN–02100 Espoo (FI).

(74) **DRIVER, Virginia, Rozanne** et al. / etc.; Page White & Farrer, 54 Doughty Street, London WC1N 2LS (GB).

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

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(11) **WO 98/23116** (13) A2

(21) PCT/US97/21073

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/752,253 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04Q 7/36, 7/30

(54) METHOD AND APPARATUS TO PROVIDE CELLULAR TELEPHONE SERVICE TO A MACRO–CELL AND PICO–CELL WITHIN A BUILDING USING SHARED EQUIPMENT
PROCEDE ET APPAREIL FOURNISSANT UN SERVICE TELEPHONIQUE CELLULAIRE A UNE MACRO–CELLULE ET A UNE PICO–CELLULE DANS UN BATIMENT UTILISANT UN EQUIPEMENT PARTAGE

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **BOJERYD, Nils, Johan**; 1608 Montclair Drive, Richardson, TX 75081 (US).

(74) **MOORE, Stanley, R.** et al. / etc.; Jenkens & Gilchrist, P.C., Suite 3200, 1445 Ross Avenue, Dallas, TX 75202 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23117** (13) A2

(21) PCT/DE97/02378

(22) **16 Oct/oct 1997 (16.10.1997)**

(25) de (26) de

(31) 196 47 627.5 (32) **18 Nov/nov 1996 (18.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04Q 7/38, 7/22, H04M 15/00

(54) METHOD AND MOBILE COMMUNICATION SYSTEM FOR ROUTING OF CALL CONNECTIONS
PROCEDE ET SYSTEME DE COMMUNICATION MOBILE POUR ACHEMINEMENT DE CONNEXIONS D'APPELS

(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) **WIEHE, Ulrich** [DE/DE]; Georg–August–Möller–Strasse 21a, D–36251 Bad Hersfeld (DE).

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

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(11) **WO 98/23118** (13) A1

(21) PCT/FI97/00684

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) fi (26) en

(31) 964578 (32) **15 Nov/nov 1996 (15.11.1996)** (33) FI

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04Q 7/38

(54) DYNAMIC CHANNEL ALLOCATION
ALLOCATION DE CANAL DYNAMIQUE

(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) **ALI–VEHMAS, Timo** [FI/FI]; Kalkkikuja 6, FIN–24280 Salo (FI).

(74) **PATENT AGENCY COMPATENT LTD.**; Teollisuuskatu 33, P.O. Box 156, FIN–00511 Helsinki (FI).

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

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(11) **WO 98/23119** (13) A1

(21) PCT/FI97/00693

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 964598 (32) **15 Nov/nov 1996 (15.11.1996)** (33) FI

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04Q 7/38, H04L 12/56, H04Q 11/04

(54) PACKET TRANSMISSION IN TELECOMMUNICATION NETWORK
TRANSMISSION PAR PAQUETS DANS UN RESEAU 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) **KARI, Hannu, H.** [FI/FI]; Kullervonkuja 9 B 9, FIN–02880 Veikkola (FI). **HUUSKO, Sami** [FI/FI]; Maininkitie 4 C 26, FIN–02320 Espoo (FI).

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

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

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(11) **WO 98/23120** (13) A1

(21) PCT/FR97/02012

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) fr (26) fr

(31) 96/14086 (32) **19 Nov/nov 1996 (19.11.1996)** (33) FR

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04Q 7/38

(54) METHOD AND DEVICE FOR SEARCH ON FREE CHANNEL
PROCEDE ET DISPOSITIF DE RECHERCHE SUR CANAL LIBRE

(71) **THOMSON–CSF** [FR/FR]; 173, boulevard Haussmann, F–75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AUGER, Gérard** [FR/FR]; Thomson–CSF S.C.P.I., 13, avenue du Président Salvador Allende, F–94117 Arcueil Cedex (FR). **EUMURIAN, Grégoire** [FR/FR]; Thomson–CSF S.C.P.I., 13, avenue du Président Salvador Allende, F–94117 Arcueil Cedex (FR).

(74) **THOMSON–CSF S.C.P.I.**; 13, avenue du Président Salvador Allende, F–94117 Arcueil Cedex (FR).

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

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(11) **WO 98/23121** (13) A1

(21) PCT/SE97/01894

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) 08/749,247 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04Q 7/38, H04M 3/22

(54) LATENCY COUNTER FOR SCANNING TIMERS
COMPTEUR DE LATENCE POUR TEMPORISATIONS D'EXPLORATION

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S–126 25 Stockholm (SE).

(72) **HOLMLUND, Jonas**; Ringgatan 47 C, S–752 17 Uppsala (SE). **SANCHEZ, Alvaro**; Kronborgsgränd 8, 2 tr, S–164 46 Stockholm (SE).

(74) **TELEFONAKTIEBOLAGET LM ERICSSON**; Patent and Trademark Dept., S–126 25 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23122** (13) A2

(21) PCT/SE97/01911

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 60/031,448 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(31) 08/956,303 (32) **22 Oct/oct 1997 (22.10.1997)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04Q 7/38, 7/22

(54) METHOD AND APPARATUS FOR INTER–EXCHANGE HANDOFF TAKING INTO ACCOUNT THE SERVICE CAPABILITIES OF THE CANDIDATE CELL
PROCEDE ET DISPOSITIF PERMETTANT UNE PROCEDURE DE TRANSFERT INTER–CENTRAUX TENANT COMPTE DES POSSIBILITES DE SERVICE DE LA CELLULE CANDIDATE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S–126 25 Stockholm (SE).

(72) **CORRIVEAU, Michel**; 3535 Leonard, St. Hubert, Quebec J3Y 5M1 (CA). **HOUDE, Michel**; 1570 Filion, Saint Laurent, Quebec H4L 4E8 (CA).

(74) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)**; Patent & Trademark Dept., S–126 25 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23123** (13) A2

(21) PCT/US97/21193

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/749,627 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04Q 7/38, 7/22

(54) DYNAMICALLY CREATED A–INTERFACE WITHIN A MOBILE NETWORK
INTERFACE A CREEE DYNAMIQUEMENT DANS UN RESEAU MOBILE

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **JOENSUU, Erkki**; Kiertotie 8, FIN–02580 Siuntio (FI). **VALENTINE, Eric**; 1600 Brazos Trail, Plano, TX 75075 (US). **COYNE, Michael**; Blekholmstorget 22, Lag 2205, S–111 64 Stockholm (SE). **PELTONEN, Ari**; Hubertusstrasse 31, D–52064 Aachen (DE).

(74) **MOORE, Stanley, R.** et al. / etc.; Jenkens & Gilchrist, P.C., Suite 3200, 1445 Ross Avenue, Dallas, TX 75202 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23124** (13) A1

(21) PCT/DE97/02223

(22) **26 Sep/sep 1997 (26.09.1997)**

(25) de (26) de

(31) 196 47 668.2 (32) **19 Nov/nov 1996 (19.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04Q 9/00

(54) SLAVE STATION, MASTER STATION, BUS SYSTEM AND METHOD FOR OPERATING A BUS
STATION ASSERVIE, STATION MAITRESSE, SYSTEME DE BUS ET PROCEDE D'EXPLOITATION D'UN SYSTEME DE BUS

(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) **NITSCHKE, Werner** [DE/DE]; Rosseger Weg 14, D–71254 Ditzingen (DE). **KARL, Otto** [DE/DE]; Tonweg 8, D–71229 Leonberg (DE). **BAUER, Joachim** [DE/DE]; Ortsstrasse 59, D–71720 Oberstenfeld Prevorst (DE).

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

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(11) **WO 98/23125** (13) A1

(21) PCT/FI97/00683

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) fi (26) en

(31) 964579 (32) **15 Nov/nov 1996 (15.11.1996)** (33) FI

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04Q 11/04, H04L 12/56

(54) IMPLEMENTATION OF BUFFERING IN A PACKET–SWITCHED TELECOMMUNICATIONS NETWORK
MISE EN OEUVRE D'UN SYSTEME TAMPON DANS UN RESEAU DE TELECOMMUNICATIONS COMMUTE PAR PAQUETS

(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) **KILKKI, Kalevi** [FI/FI]; Syrjäkuja 5 D, FIN–02760 Espoo (FI).

(74) **PATENT AGENCY COMPATENT LTD.**; Teollisuuskatu 33, P.O. Box 156, FIN–00511 Helsinki (FI).

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

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(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 08/747,433 (32) **18 Nov/nov 1996 (18.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04Q 11/04

(54) ISDN TERMINAL ADAPTER USING DIGITAL SIGNAL PROCESSOR
ADAPTATEUR DE TERMINAL RNIS UTILISANT UN PROCESSEUR DE SIGNAUX NUMERIQUES

(71) **INNOMEDIA PTE LTD** [SG/SG]; 10 Science Park Road No. 03–04/05, The Alpha, Singapore 117684 (SG).

(72) **HUANG, James**; 2985 Knightsbridge Road, San Jose, CA 95132 (US).

(74) **MAJERUS, Laura, A.** et al. / etc.; Graham & James LLP, 600 Hansen Way, Palo Alto, CA 94304 (US).

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

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(11) **WO 98/23127** (13) A1

(21) PCT/US97/20362

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/752,479 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04Q 11/04

(54) SCALABLE PARALLEL PACKET ROUTER
ROUTEUR DE PAQUETS PARALLELE A ARCHITECTURE EVOLUTIVE

(71) **PLURIS, INC.** [US/US]; Suite 212, 260 Sheridan Avenue, Palo Alto, CA 95627 (US).

(72) **ANTONOV, Vadim**; 2307 Coronet Boulevard, Belmont, CA 94002 (US).

(74) **JAKOPIN, David, A.** et al. / etc.; Cushman Darby & Cushman, Intellectual Property Group of Pillsbury Madison & Sutro, 1100 New York Avenue, N.W., Washington, DC 20005 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 08/752,584 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04R

(54) MINIATURE SILICON CONDENSER MICROPHONE
MICROPHONE A CONDENSATEUR MINIATURE EN SILICIUM

(71) **KNOWLES ELECTRONICS, INC.** [US/US]; 1151 Maplewood Drive, Itasca, IL 60143 (US).

(72) **LOEPPERT, Peter, V.**; 2028 Timber Ridge Lane, Hoffman Estates, IL 60195 (US). **SCHAFER, David, E.**; 760 Elm Street, Glen Ellyn, IL 60137 (US).

(74) **MORNEAULT, Monique, A.** et al. / etc.; Wallenstein & Wagner, Ltd., 311 South Wacker Drive – 5300, Chicago, IL 60606 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23129** (13) A1

(21) PCT/US97/22081

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 08/749,766 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04R 5/00

(54) SOUND SYSTEM AND METHOD FOR CAPTURING AND REPRODUCING SOUNDS ORIGINATING FROM A PLURALITY OF SOUND SOURCES
CHAINE AUDIO ET PROCEDE D'ENREGISTREMENT ET DE REPRODUCTION DE SONS PROVENANT D'UNE PLURALITE DE SOURCES DE SONS

(71, 72) **METCALF, Randall, B.** [US/US]; 2006 Hamilton Crossing Drive, Cantonment, FL 32553 (US).

(74) **GATTO, James G.** et al. / etc.; Hunton & Williams, 1900 K Street, N.W., Washington, DC 20006 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(22) **2 Oct/oct 1997 (02.10.1997)**

(25) de (26) de

(31) 196 47 399.3 (32) **15 Nov/nov 1996 (15.11.1996)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04S 1/00, H04R 29/00

(54) HEARING–ADAPTED QUALITY ASSESSMENT OF AUDIO SIGNALS
EVALUATION DE LA QUALITE, A ADAPTATION AUDITIVE, DE SIGNAUX AUDIO

(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) **SEITZER, Dieter** [DE/DE]; Humboldtstraße 14, D–91054 Erlangen (DE). **SPORER, Thomas** [DE/DE]; Wilhelmshavener Straße 15, D–90766 Fürth (DE).

(74) **SCHOPPE, Fritz**; Postfach 71 08 67, D–81458 München (DE).

(81) AU CA CN JP KR NO RU UA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/23131** (13) A1

(21) PCT/IB97/01306

(22) **20 Oct/oct 1997 (20.10.1997)**

(25) en (26) en

(31) 96203206.6 (32) **15 Nov/nov 1996 (15.11.1996)** (33) EP

(34) NL et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H04S 5/00

(54) A MONO–STEREO CONVERSION DEVICE, AN AUDIO REPRODUCTION SYSTEM USING SUCH A DEVICE AND A MONO–STEREO CONVERSION METHOD
DISPOSITIF DE CONVERSION MONO–STEREO, SYSTEME DE REPRODUCTION AUDIO COMPORTANT CE DISPOSITIF, ET PROCEDE DE CONVERSION MONO–STEREO

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

(71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **AARTS, Ronaldus, Maria**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **TOONEN DEKKERS, Robertus, Theodorus, Johannes**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **SCHOONHEIJM, Harry, B.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

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

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(11) **WO 98/23132** (13) A1

(21) PCT/US97/19347

(22) **24 Oct/oct 1997 (24.10.1997)**

(25) en (26) en

(31) 08/754,307 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H05B 6/68, 6/74

(54) APPARATUS AND METHOD FOR MICROWAVE CURING OF RESINS IN ENGINEERED WOOD PRODUCTS
PROCEDE ET DISPOSITIF DE DURCISSAGE HYPERFREQUENCES DE RESINES DANS DU BOIS HAUTE TECHNOLOGIE

(71) **EWES ENTERPRISES, L.L.C.** [US/US]; Suite 1201, 7829 Ustick Road, Boise, ID 83704 (US).

(72) **HARRIS, George, M.**; P.O. Box 1524, Lewiston, ME 04241 (US). **ROBICHEAU, Peter**; R.R.1 Box 586a, Naples, ME 04055 (US). **GROVES, Leonard, J.**; Unit #20, 8 Smith Road, Windham, ME 04062 (US). **MUKERJEE, Deepay**; 3 Heather Loch, North Yarmouth, ME 04097 (US).

(74) **WAHL, John, R.** et al. / etc.; Holland & Hart LLP, Suite 3200, 555 17th Street, P.O. Box 8749, Denver, CO 80201–8749 (US).

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

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(11) **WO 98/23133** (13) A1

(21) PCT/US97/20965

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/754,858 (32) **22 Nov/nov 1996 (22.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H05B 41/16

(54) METHOD AND APPARATUS FOR POWERING AN ELECTRODELESS LAMP WITH REDUCED RADIO FREQUENCY INTERFERENCE
PROCEDE ET APPAREIL D'ALIMENTATION D'UNE LAMPE SANS ELECTRODE AVEC REDUCTION DE PARASITES A HAUTE FREQUENCE

(71) **FUSION LIGHTING, INC.** [US/US]; 7524 Standish Place, Rockville, MD 20855 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SIMPSON, James** [US/US]; 8 Cottonwood Court, Gaithersburg, MD 20877 (US).

(74) **STEINER, Paul, E.**; Fusion Lighting, Inc., 7524 Standish Place, Rockville, MD 20855 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23134** (13) A1

(21) PCT/GB97/03172

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) en (26) en

(31) 9624167.4 (32) **19 Nov/nov 1996 (19.11.1996)** (33) GB

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H05B 41/29

(54) LAMP DRIVER CIRCUIT AND METHOD
CIRCUIT D'ATTAQUE POUR LAMPE ET SON PROCEDE

(71) **MICRO TECH LIMITED** [GB/GB]; Nada House, Hawks Road, Gateshead, Tyne & Wear NE8 3BL (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAKIN, Richard, Anthony** [GB/GB]; Micro Tech Limited, Nada House, Hawks Road, Gateshead, Tyne & Wear NE8 3BL (GB). **GURWICZ, Isaac, David** [GB/GB]; Micro Tech Limited, Nada House, Hawks Road, Gateshead, Tyne & Wear NE8 3BL (GB).

(74) **KAZI, Ilya**; Mathys & Squire, 100 Grays Inn Road, London WC1X 8AL (GB).

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

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(11) **WO 98/23135** (13) A1

(21) PCT/US97/20730

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/753,044 (32) **19 Nov/nov 1996 (19.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H05B 41/392

(54) MAGNETIC BALLAST ADAPTER CIRCUIT
CIRCUIT D'ADAPTATION A BALLAST MAGNETIQUE

(71) **ELECTRO–MAG INTERNATIONAL, INC.** [US/US]; 29 Gray Stone Way, Laguna Niguel, CA 92677 (US).

(72) **MOISIN, Mihail, S.**; 8 Druce Street, Brookline, MA 02146 (US).

(74) **DALY, Christopher, S.** et al. / etc.; Nutter, McClennen & Fish, LLP, One International Place, Boston, MA 02110 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE 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 TJ TM TR TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23136** (13) A1

(21) PCT/GB97/03147

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 96308302.7 (32) **15 Nov/nov 1996 (15.11.1996)** (33) EP

(34) GB et al. / etc.

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H05F 3/06

(54) SURFACE STATIC REDUCTION DEVICE
DISPOSITIF SERVANT A ELIMINER L'ELECTRICITE STATIQUE DEPUIS UNE SURFACE

(71) **AMERSHAM INTERNATIONAL PLC** [GB/GB]; Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHILTON, Mark, Golder** [GB/GB]; 1 Warwick Close, Aston Clinton, Buckinghamshire HP22 5JF (GB). **MILES, Peter** [GB/GB]; Amersham International plc, Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA (GB).

(74) **PERKINS, Sarah**; Stevens, Hewlett & Perkins, 1 Serjeants' Inn, Fleet Street, London EC4Y 1LL (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23137** (13) A1

(21) PCT/IE97/00078

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) S960825 (32) **22 Nov/nov 1996 (22.11.1996)** (33) IE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H05K 3/44, 3/38

(54) A PRINTED CIRCUIT BOARD AND A METHOD FOR MANUFACTURING THE PRINTED CIRCUIT BOARD
CARTE DE CIRCUITS IMPRIMES ET SON PROCEDE DE FABRICATION

(71) **JERSEYFIELD LIMITED** [IE/IE]; Bunbeg Industrial Estate, County Donegal (IE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DAVIES, Frank, Kelley** [US/IE]; Carrickboyle, Derrybeg, Letterkenny, County Donegal (IE). **ROBITZKI, Joachim** [DE/IE]; Middle–Dore, Letterkenny, County Donegal (IE).

(74) **F.F. GORMAN & CO.**; 54 Merrion Square, Dublin 2 (IE).

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

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(11) **WO 98/23138** (13) A2

(21) PCT/EP97/06145

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) de (26) de

(31) 196 47 822.7 (32) **19 Nov/nov 1996 (19.11.1996)** (33) DE

(31) 197 37 673.8 (32) **29 Aug/Août 1997 (29.08.1997)** (33) DE

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H05K 7/18

(54) SWITCHING CABINET WITH AN ASSEMBLY PLATE
ARMOIRE DE DISTRIBUTION COMPORTANT UNE PLAQUE DE MONTAGE

(71) **RITTAL–WERK RUDOLF LOH GMBH & CO. KG** [DE/DE]; Auf dem Stützelberg, D–35745 Herborn (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **REUTER, Wolfgang** [DE/DE]; Dorfstrasse 6, D–57299 Burbach 5 (DE). **ROOT, Paul** [DE/DE]; Finkenweg 7, D–35080 Bad Endbach (DE).

(74) **FLECK, Hermann–Josef**; Markgröninger Strasse 47/1, D–71701 Schwieberdingen (DE).

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

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(11) **WO 98/23139** (13) A1

(21) PCT/US97/21683

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) en (26) en

(31) 08/752,858 (32) **21 Nov/nov 1996 (21.11.1996)** (33) US

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H05K 9/00

(54) OVER MOLDED GASKET
JOINT D'ETANCHEITE SURMOULE

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **GAMMON, John, W.**; 4913 Knightsbridge Way, Raleigh, NC 27604 (US).

(74) **MOORE, Stanley, R.** et al. / etc.; Jenkens & Gilchrist, P.C., Suite 3200, 1445 Ross Avenue, Dallas, TX 75202 (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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/23140** (13) A1

(21) PCT/NL97/00635

(22) **20 Nov/nov 1997 (20.11.1997)**

(25) nl (26) en

(31) 1004582 (32) **21 Nov/nov 1996 (21.11.1996)** (33) NL

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H05K 13/00

(54) DEVICE FOR MECHANICALLY MODELLING TERMINAL PINS OF ELECTRONIC COMPONENTS, IN PARTICULAR INTEGRATED CIRCUITS
DISPOSITIF SERVANT A EFFECTUER LE FAÇONNAGE MECANIQUE DE BROCHES TERMINALES DE COMPOSANTS ELECTRONIQUES, EN PARTICULIER, DE CIRCUITS INTEGRES

(71) **REFORM TECHNOLOGY B.V.** [NL/NL]; Industriestraat 12, NL–7041 GD 'S–Heerenberg (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **REULINK, Ferdinand, Hendrikus, Maria** [NL/NL]; Aaldershuuslaan 4, NL–7091 RE Dinxperlo (NL).

(74) **BAKKUM, R., J.**; Van Exter Polak & Charlouis B.V., P.O. Box 3241, NL–2280 GE Rijswijk (NL).

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

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(11) **WO 98/23141** (13) A1

(21) PCT/JP97/04206

(22) **19 Nov/nov 1997 (19.11.1997)**

(25) ja (26) ja

(31) 8/308058 (32) **19 Nov/nov 1996 (19.11.1996)** (33) JP

(43) 28 May/mai 1998 (28.05.1998)

(51)[6] H05K 13/04

(54) DEVICE AND METHOD FOR MOUNTING ELECTRONIC PARTS
DISPOSITIF ET PROCEDE POUR MONTER DES COMPOSANTS ELECTRONIQUES

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

(72, 75) **NAKANO, Tomoyuki** [JP/JP]; 103, Kouyou–Manshon, 854, Horinouchi–cho, Kofu–shi, Yamanashi 400 (JP). **MIMURA, Naoto** [JP/JP]; 37–7, Higashiaburakawa, Isawa–cho, Higashiyatsushiro gun, Yamanashi 406 (JP). **OBARA, Hirofumi** [JP/JP]; 201, Haitsu–Minai,

638–4, Kasai, Showa–cho, Nakakoma–gun, Yamanashi 409–38 (JP). **UCHIYAMA, Hiroshi** [JP/JP]; 1375, Kamisukiawara, Showa–cho, Nakakoma–gun, Yamanashi 409–38 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3–7, Shiromi 1–chome, Chuo–ku, Osaka–shi, Osaka 540 (JP).

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