

SECTION I

PUBLISHED INTERNATIONAL APPLICATIONS

DEMANDES INTERNATIONALES PUBLIÉES

- (11) **WO 98/52400** (13) A2
(21) PCT/GB98/02404
(22) **10 Aug/août 1998 (10.08.1998)**
(25) en (26) en
(31) 9725990.7 (32) **9 Dec/déc 1997 (09.12.1997)** (33) GB
(43) 26 Nov/nov 1998 (26.11.1998)
(51) Not classified / non classée
(54) ● VALVE
● VANNE
(71) **ALCO HI-TEK LTD.** [GB/GB]; Mission Works, Birds Royd Lane, Brighouse, West Yorkshire HD6 1LQ (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **LOMAX, Stuart, Andrew** [GB/GB]; Mission Works, Birds Royd Lane, Brighouse, West Yorkshire HD6 1LQ (GB).
(74) **BAILEY WALSH & CO.**; 5 York Place, Leeds LS1 2SD (GB).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (f), (g)
- (11) **WO 98/52401** (13) A2
(21) PCT/US98/10439
(22) **22 May/mai 1998 (22.05.1998)**
(25) en (26) en
(31) 08/862,111 (32) **22 May/mai 1997 (22.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51) Not classified / non classée
(54) ● METHOD AND DEVICE FOR CONCURRENTLY CALENDARING APPOINTMENTS
● PROCEDE ET DISPOSITIF PERMETTANT D'AGENDER SIMULTANEMENT DES RENDEZ-VOUS
(71, 72) **HARVEY, Michael, Wendell** [US/US]; 3031 North Wolfcreek Drive, Eden, UT 84310 (US).
(74) **NORTH, Vaughn, W.** et al. / etc.; Thorpe, North & Western, LLP, P.O. Box 1219, Sandy, UT 84091-1219 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- (11) **WO 98/52402** (13) A2
(21) PCT/CA98/00486
(22) **21 May/mai 1998 (21.05.1998)**
(25) en (26) en
(31) 2,205,456 (32) **21 May/mai 1997 (21.05.1997)** (33) CA
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ A01B 73/02, 73/00
(54) ● FOLDING FRAME IMPLEMENT
● MACHINE A CHASSIS PLIANT
(71) **FLEXI-COIL LTD.** [CA/CA]; 1000 - 71st Street East, Saskatoon, Saskatchewan S7K 6E2 (CA).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **FRIGGSTAD, Terrence** [CA/CA]; 505 Parklands Road, Grasswood, Saskatchewan S7T 1A5 (CA).
(74) **ASQUITH, Anthony**; 173 Westvale Drive, Waterloo, Ontario N2T 1B7 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- (11) **WO 98/52403** (13) A1
(21) PCT/NL97/00292
(22) **23 May/mai 1997 (23.05.1997)**
(25) nl (26) en
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ A01G 1/04
(54) ● METHOD AND APPARATUS FOR GROWING FUNGI
● PROCEDE ET DISPOSITIF SERVANT A CULTIVER DES CHAMPIGNONS
(71, 72) **OOSTVOGELS, Johannes, Petrus, Cornelis** [NL/NL]; Klein-Zundertseweg 28A, NL-4881 BG Zundert (NL).
(74) **BARTELD, Erik**; Arnold & Siedsma, Sweelinkplein 1, NL-2517 GK The Hague (NL).
(81) ; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (11) **WO 98/52404** (13) A1
(21) PCT/US98/10123
(22) **19 May/mai 1998 (19.05.1998)**
(25) en (26) en
(31) 08/858,276 (32) **19 May/mai 1997 (19.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ A01G 25/14
(54) ● WATERING CAN
● ARROSOIR
(71) **DYNAMIC DESIGN, INC.** [US/US]; 19-40 Hazen Street, East Elmhurst, NY 11370 (US).
(72) **KREIZEL, James**; 124 Meadowview Avenue, Hewlett, NY 11557 (US).
(74) **FARRELL, Raymond, E.** et al. / etc.; Dilworth & Barrese, 333 Earle Ovington Boulevard, Uniondale, NY 11553 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- (11) **WO 98/52405** (13) A1
(21) PCT/US98/10493
(22) **22 May/mai 1998 (22.05.1998)**
(25) en (26) en
(31) 08/862,851 (32) **23 May/mai 1997 (23.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ A01K 5/01
(54) ● ANIMAL FEEDING BOWL
● BOL D'ALIMENTATION POUR ANIMAUX
(71, 72) **PEARCE, Woodrow, W.** [US/US]; 1601 Puebla Drive, Glendale, CA 91207 (US).

(74) **WARD, Richard, J., Jr.**; Christie, Parker & Hale, LLP, P.O. Box 7068, Pasadena, CA 91109-7068 (US).

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

Published / Publiée : (a)

(11) **WO 98/52406** (13) A1

(21) PCT/US98/10386

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 08/861,885 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A01K 11/00**

- (54) ● LIGHTWEIGHT TRANSPONDER TAG FOR SMALL ANIMALS
- ETIQUETTE LEGERE A TRANSPONDEUR POUR PETITS ANIMAUX

(71) **DESTRON FEARING CORPORATION** [US/US]; 490 Villaume Avenue, South St. Paul, MN 55075 (US).

(72) **JOHNSON, George, N.**; 612 Pine Tree Trail, Stillwater, MN 55082 (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) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52407** (13) A1

(21) PCT/US98/10333

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 08/859,041 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A01K 83/00**

- (54) ● FISH HOOK AND WEED GUARD DEVICE
- HAMEÇON ET DISPOSITIF DE PROTECTION CONTRE LES MAUVAISES HERBES

(71) **WRIGHT & MCGILL CO.** [US/US]; 4245 East 46th Avenue, Denver, CO 80216-0011 (US).

(72) **JILLING, John**; 9929 Julian Court, Westminster, CO 80030 (US). **BARTELL, Joseph, E.**; 7090 West Polk Place, Littleton, CO 80123 (US).

(74) **ZINGER, David, F.** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/52408** (13) A1

(21) PCT/FR98/00986

(22) **15 May/mai 1998 (15.05.1998)**

(25) fr (26) fr

(31) 97/06141 (32) **16 May/mai 1997 (16.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A01K 85/01**

- (54) ● ODOROUS ARTIFICIAL FISHING LURE, CARTRIDGE AND ODOROUS COMPOSITIONS
- LEURRE DE PECHE ARTIFICIEL ODO-RANT, CARTOUCHE ET COMPOSITION ODO-RANTES

(71, 72) **DERAGNE, Pierre-Loïc** [FR/FR]; 7, place Raspail, F-69007 Lyon (FR).

(74) **RICHEBOURG, Michel, F.**; Cabinet Michel Richebourg, "Le Clos du Golf", 69, rue Saint-Simon, F-42000 Saint-Etienne (FR).

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

(11) **WO 98/52409** (13) A1

(21) PCT/US98/10429

(22) **21 May/mai 1998 (21.05.1998)**

(25) en (26) en

(31) 97/4453 (32) **22 May/mai 1997 (22.05.1997)** (33) ZA

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A01K 85/02, 83/06**

- (54) ● FISH-HOOK DEVICE
- DISPOSITIF D'HAMEÇON

(71, 72) **ASHER, Delmar, Lawrence** [US/US]; Route 3, Boerne, TX 78006 (US). **POLYDOROU, Basil** [ZA/ZA]; 15 Kennit Street, Knysna 6570 (ZA). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FOSTER, Vivian, Edward** [ZA/ZA]; 7 Andrew Street, Rexfords 6570 (ZA).

(74) **SALIWANCIK, David, R.** et al. / etc.; Saliwan-chik, Lloyd & Saliwan-chik, Suite A-1, 2421 N.W. 41st Street, Gainesville, FL 32606-6669 (US).

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

(11) **WO 98/52410** (13) A2

(21) PCT/IE98/00039

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) S970373 (32) **22 May/mai 1997 (22.05.1997)** (33) IE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A01N**

- (54) ● A MICROBIOCIDAL FORMULATION
- FORMULATION MICROBIOCIDE

(71) **ZUCCOTTO LIMITED** [IE/IE]; 18 Upper Fitzwilliam Street, Dublin 2 (IE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DOYLE, Michael** [IE/IE]; The Lodge, Sherlockstown, Sallins, County Kildare (IE). **MAHON, John** [IE/IE]; 32 Roseville, Naas, County Kildare (IE).

(74) **O'CONNELL, Maura**; F. R. Kelly & Co., 27 Clyde Road, Ballsbridge, Dublin 4 (IE).

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

(11) **WO 98/52411** (13) A1

(21) PCT/US98/09557

(22) **11 May/mai 1998 (11.05.1998)**

(25) en (26) en

(31) 08/859,313 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A01N 3/00, A01H 4/00, C12N 5/04**

- (54) ● CRYOPRESERVATION OF EMBRYOGENIC CALLUS
- CRYOCONSERVATION DE CALS EMBRYO-GENES

(63) US 08/859,313 (CIP)
20 May/mai 1997 (20.05.1997)

(71) **PIONEER HI-BRED INTERNATIONAL, INC.** [US/US]; 800 Capital Square, 400 Locust Street, Des Moines, IA 50309 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PETERSON, David, J.** [US/US]; 2126 Stevenson Drive, Ames, IA 50010 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52412** (13) A1

(21) PCT/US98/08387

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/858,860 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A01N 25/02, 25/04, 25/08, 25/18, 25/34, A61K 47/32**

(54) ● COMPOSITIONS FOR SUSTAINED RELEASE OF A GAS

● COMPOSITION DE GAZ A DEGAGEMENT PROLONGE

(71) **BERNARD TECHNOLOGIES, INC.** [US/US]; Suite 1710, 919 North Michigan Avenue, Chicago, IL 60611 (US). **SOUTHWEST RESEARCH INSTITUTE** [US/US]; 6220 Culebra Road, San Antonio, TX 78228-0510 (US).

(72) **WELLINGHOFF, Stephen, T.**; 6220 Culebra Road, San Antonio, TX 78228-0510 (US). **BARENBERG, Sumner, A.**; Suite 1710, 919 North Michigan Avenue, Chicago, IL 60611 (US). **KAMPA, Joel, J.**; 304 Industrial Boulevard, P.O. Box Y, Burnett, TX 78611 (US). **BARLOW, Darren, E.**; 6220 Culebra Road, San Antonio, TX 78228-0510 (US).

(74) **PETRILLO, Kathleen, M.** et al. / etc.; Senniger, Powers, Leavitt & Roedel, 16th floor, One Metropolitan Square, St. Louis, MO 63102 (US).

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

(11) **WO 98/52413** (13) A1

(21) PCT/US98/07991

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 08/858,859 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A01N 25/12, 25/14, 25/22, 25/26, A61K 9/14, 9/16, 9/50**

(54) ● SUSTAINED RELEASE BIOCIDAL POWDERS

● POUDRES BIOCIDES A LIBERATION PROLONGEE

(71) **BERNARD TECHNOLOGIES, INC.** [US/US]; Suite 1710, 919 North Michigan Avenue, Chicago, IL 60611 (US). **SOUTHWEST RESEARCH INSTITUTE** [US/US]; 6220 Culebra Road, San Antonio, TX 78228-0510 (US).

(72) **WELLINGHOFF, Stephen, T.**; 6220 Culebra Road, San Antonio, TX 78228-0510 (US). **BARENBERG, Sumner, A.**; Suite 1710, 919 North Michigan Avenue, Chicago, IL 60611 (US). **DIXON, Hong**; 6220 Culebra Road, San Antonio, TX 78228-0510 (US). **KAMPA, Joel, J.**; 304 Industrial Boulevard, P.O. Box Y, Burnett, TX 78611 (US).

(74) **PETRILLO, Kathleen, M.** et al. / etc.; Senniger, Powers, Leavitt & Roedel, 16th floor, One Metropolitan Square, St. Louis, MO 63102 (US).

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

Published / Publiée : (c)

(11) **WO 98/52414** (13) A1

(21) PCT/US98/10340

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 08/859,866 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A01N 31/06, 43/78, 47/10**

(54) ● METHOD OF CONTROLLING SPROUT FORMATION IN POTATOES BY SELECTIVE APPLICATION OF CLORPROPHAM, CARVONE, BENZOTHIAZOLE AND ETHYLENE

● PROCEDE DE REGULATION DE LA GERMINATION DES POMMES DE TERRE PAR APPLICATION SELECTIVE DE CHLORPROPHAME, DE CARVONE, DE BENZOTHIAZOLE ET D'ETHYLENE

(71) **PLATTE CHEMICAL COMPANY** [US/US]; 419 18th Street, Greeley, CO 80631 (US).

(72) **RIGGLE, Bruce, D.**; 230 Elm Street, Eaton, CO 80615 (US). **SCHAFFER, Ronald, K.**; 11254 Camas Street, Boise, ID 83709 (US).

(74) **BURTON, Carol, W.** et al. / etc.; Holland & Hart L.L.P., Suite 3200, 555 17th Street, P.O. Box 8749, Denver, CO 80201-8749 (US).

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

(11) **WO 98/52415** (13) A1

(21) PCT/US98/07636

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/859,931 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A01N 37/18, A61K 38/00, 38/28, C07K 1/00, 14/00, 17/00**

(54) ● SUBSTANTIALLY PURE ZONULIN, A PHYSIOLOGICAL MODULATOR OF MAMMALIAN TIGHT JUNCTIONS

● ZONULINE PRATIQUEMENT PURE, MODULATEUR PHYSIOLOGIQUE DES JONCTIONS SERREES MAMMALIENNES

(71) **UNIVERSITY OF MARYLAND, BALTIMORE** [US/US]; 520 West Lombard Street, Baltimore, MD 21201 (US).

(72) **FASANO, Alessio**; 3504 Char-Lil Court, Ellicott City, MD 21042 (US).

(74) **KIT, Gordon** et al. / etc.; Sughrue, Mion, Zinn, MacPeak & Seas, Suite 800, 2100 Pennsylvania Avenue, N.W., Washington, DC 20037-3202 (US).

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

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(11) **WO 98/52416** (13) A1

(21) PCT/IB98/00766

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 197 22 858.5 (32) **23 May/mai 1997 (23.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A01N 47/12 // (A01N 47/12, 61:00, 43:90, 43:86, 43:76, 35:02, 31:04, 31:02)**

(54) ● PRESERVATIVE COMPOSITIONS BASED ON IODOPROPYNL- AND FORMALDEHYDE DONOR COMPOUNDS

● COMPOSITIONS D'AGENTS CONSERVATEURS A BASE DE COMPOSES IODOPROPYNYL- ET DE COMPOSES DONNEURS DE FORMALDEHYDE

(71) **AIR LIQUIDE SANTE (INTERNATIONAL)** [FR/FR]; 10, rue Cognacq-Jay, F-75007 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEILFUSS, Wolfgang** [DE/DE]; Timmkoppel 39, D-22339 Hamburg (DE). **SIEGERT, Wolfgang** [DE/DE]; Hamburger Weg 13, D-25479 Ellerau (DE). **WEBER, Klaus** [DE/DE]; Isestrasse 88, D-20149 Hamburg (DE).

(74) **CONAN, Philippe** et al. / etc.; L'Air Liquide S.A., 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).

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

(11) **WO 98/52417** (13) A1

(21) PCT/EP98/02820

(22) **13 May/mai 1998 (13.05.1998)**

(25) de (26) de

(31) 197 21 402.9 (32) **22 May/mai 1997 (22.05.1997)** (33) DE

(31) 197 21 401.0 (32) **22 May/mai 1997 (22.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A01N 47/24, 37/50, 37/06 // (A01N 47/24, 37:50, 37:06) (A01N 37/50, 47:24, 37:06)**

(54) ● FUNGICIDAL MIXTURES

● MELANGES FUNGICIDES

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

(72, 75) **SCHELBERGER, Klaus** [AT/DE]; Traminerweg 2, D-67161 Gönheim (DE). **SCHERER, Maria** [DE/DE]; Hermann-Jürgens-Strasse 30, D-76829 Landau (DE). **SAÜTER, Hubert** [DE/DE]; Neckarpromenade 20, D-68167 Mannheim (DE). **MÜLLER, Bernd** [DE/DE]; Jean-Ganss-Strasse 21, D-67227 Frankenthal (DE). **BIRNER, Erich** [DE/DE]; Hauptstrasse 78, D-67317 Altleiningen (DE). **LEYENDECKER, Joachim** [DE/DE]; Stahlbühlring 79, D-68526 Ladenburg (DE). **AMMERMANN, Eberhard** [DE/DE]; Von-Gagern-Strasse 2, D-64646 Heppenheim (DE). **LORENZ, Gisela** [DE/DE]; Erlengweg 13, D-67434 Neustadt (DE). **STRATHMANN, Siegfried** [DE/DE]; Donnersbergstrasse 9, D-67117 Limburgerhof (DE). **SAUR, Reinhold** [DE/DE]; Königsberger Strasse 9, D-67459 Böhl-Iggelheim (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 CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/52418** (13) A1

(21) PCT/AT98/00127

(22) **14 May/mai 1998 (14.05.1998)**

(25) de (26) de

(31) 97 108 093.2 (32) **17 May/mai 1997 (17.05.1997)** (33) EP

(34) AT et al. / etc.

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A21B 3/04, 1/40**

(54) ● BAKING DEVICE AND METHOD

● DISPOSITIF ET PROCEDE DE CUISSON AU FOUR

(71, 72) **HOFER, Wolfgang** [AT/AT]; Leonfeldnerstrasse 207, A-4040 Linz (AT).

(74) **SECKLEHNER, Günter**; Pyhrnstrasse 1, A-8940 Liezen (AT).

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

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(11) **WO 98/52419** (13) A1

(21) PCT/IT98/00122

(22) **14 May/mai 1998 (14.05.1998)**

(25) en (26) en

(31) VR97A000044 (32) **23 May/mai 1997 (23.05.1997)** (33) IT

(31) VR97A000114 (32) **2 Dec/déc 1997 (02.12.1997)** (33) IT

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A21B 3/07, 1/42, B6S 17/12**

(54) ● MODULAR SYSTEM FOR CONVEYING BAKERY PRODUCTS, AND OVEN PROVIDED WITH SAID MODULAR SYSTEM

● SYSTEME MODULAIRE POUR LE TRANSPORT DE PRODUITS DE BOULANGERIE, ET FOUR POURVU D'UN TEL SYSTEME MODULAIRE

(71) **ORLANDI ENG. S.R.L.** [IT/IT]; Via Natta, 24/26, I-37026 Settimo di Pescantina (IT).

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

(72, 75) **ORLANDI, Andrea** [IT/IT]; Via Valverde, 87, I-37122 Verona (IT).

(74) **SANDRI, Sandro**; Studio Europatent dell'Ing. Sandro Sandri S.a.s., Via Locatelli, 20, I-37122 Verona (IT).

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

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(11) **WO 98/52420** (13) A1

(21) PCT/US98/10397

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 60/047,487 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(31) 08/959,583 (32) **29 Oct/oct 1997 (29.10.1997)** (33) US

(31) 09/004,361 (32) **8 Jan/jan 1998 (08.01.1998)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A22C 11/10**

(54) ● MEAT EMULSION PUMP CONTROL SYSTEM FOR MEAT ENCASING MACHINE, AND METHOD OF USE THEREOF

● SYSTEME DE COMMANDE DE POMPE A EMULSION DE PRODUITS CARNES POUR MACHINE DE REMPLISSAGE DE BOYAU PAR DES PRODUITS CARNES ET PROCEDE D'UTILISATION

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

(72) **SIMPSON, Michael, S.**; 2425 Hubbell Avenue, Des Moines, IA 50317 (US). **HAMBLIN, David**; 2425 Hubbell Avenue, Des Moines, IA 50317 (US). **HERGOTT, Steven, P.**; 2425 Hubbell Avenue, Des Moines, IA 50317 (US). **VELDKAMP, Brent, M.**; 2425 Hubbell Avenue, Des Moines, IA 50317 (US).

(74) **ZARLEY, Donald, H.**; Zarley, McKee, Thomte, Voorhees & Sease, Suite 3200, 801 Grand Avenue, Des Moines, IA 50309-2721 (US).

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

(11) **WO 98/52421** (13) A1

(21) PCT/AU98/00357

(22) **18 May/mai 1998 (18.05.1998)**

(25) en (26) en

(31) PO 6853 (32) **16 May/mai 1997 (16.05.1997)** (33) AU

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A23B 4/027, 4/20, 7/005, 7/10, 9/02, 9/26, 9/30**

(54) ● METHOD AND APPARATUS FOR PRESERVING FOOD

● PROCEDE ET APPAREIL POUR CONSERVER LES ALIMENTS

(71) **FRESHKEPT FOODS PTY. LTD.** [AU/AU]; Adrichem Jennings & Co., 5 Contingent Street, Trafalgar, VIC 3824 (AU).

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

(72, 75) **GROGAN, Paul, Francis** [AU/AU]; Storrington, Peterson Road, Ellinbank, VIC 3820 (AU).

(74) **PHILLIPS ORMONDE & FITZPATRICK**; 367 Collins Street, Melbourne, VIC 3000 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52422** (13) A1

(21) PCT/AU98/00363

(22) **18 May/mai 1998 (18.05.1998)**

(25) en (26) en

(31) PO 6853 (32) **16 May/mai 1997 (16.05.1997)** (33) AU

(31) PO 7023 (32) **28 May/mai 1997 (28.05.1997)** (33) AU

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A23B 4/027, 4/20, 7/005, 7/10, 9/02, 9/26, 9/30**

(54) ● METHOD AND APPARATUS FOR PRESERVING FOOD

● PROCEDE ET APPAREIL POUR LA CONSERVATION DES ALIMENTS

(71) **FRESHKEPT TECHNOLOGY PTY. LTD.** [AU/AU]; 5 Mason Square, Warragul, VIC 3820 (AU). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAN, John** [AU/AU]; (AU). **GROGAN, Paul** [AU/AU]; 5 Mason Square, Warragul, VIC 3820 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52423** (13) A2

(21) PCT/EP98/03227

(22) **25 May/mai 1998 (25.05.1998)**

(25) en (26) en

(31) 97201556.4 (32) **23 May/mai 1997 (23.05.1997)** (33) EP

(34) AT et al. / etc.

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A23B 7/00**

(54) ● A METHOD FOR FRUIT PROCESSING

● PROCEDE DE TRAITEMENT DE FRUITS

- (71) **GIST-BROCADES B.V.** [NL/NL]; Wateringseweg 1, P.O. Box 1, NL-2600 MA Delft (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **COUTEL, Yves, André, Gérard** [FR/FR]; 56, rue Calmette Guérin, F-59710 Ennevelin (FR).
DALE, Rodney, Hugh, Sharpe [GB/GB]; The Chestnut, Thorns Cross, Bovey Tracey, Devon TQ13 9DW (GB).
- (74) **MATULEWICZ, Emil, Rudolf, Antonius** et al. / etc.; Gist-Brocades B.V., Patents and Trademarks Dept., Wateringseweg 1, P.O. Box 1, NL-2600 MA Delft (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52424** (13) A1

(21) PCT/US98/10662

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 08/861,583 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A23G 1/100, A23K 1/18, A01K 15/02, 29/00, B65D 33/24, A45C 1/00, 13/06**

- (54) ● CHEW AND PLAY TOY FOR ANIMALS AND A TREAT CONTAINER
● JOUET A MACHER POUR ANIMAUX ET CONTENEUR DE FRIANDISE

(71, 72) **LINDGREN, Tony** [US/US]; 1408 25th Avenue, San Francisco, CA 94122 (US).

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

(11) **WO 98/52425** (13) A1

(21) PCT/EP98/02122

(22) **11 Apr/avr 1998 (11.04.1998)**

(25) de (26) de

(31) 197 20 844.4 (32) **17 May/mai 1997 (17.05.1997)** (33) DE

(31) 197 32 036.8 (32) **25 Jul/juili 1997 (25.07.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A23G 1/21, 3/02**

- (54) ● METHOD FOR PRODUCING CONSUMABLE ITEMS
● PROCEDE POUR LA FABRICATION DE BIENS DE CONSOMMATION

(71) **KMB PRODUKTIONS AG** [CH/CH]; Marksteinstrasse 5, CH-8552 Felben (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KNOBEL, Josef** [CH/CH]; Im Grund 3, CH-5586 Wigoltingen (CH).

(74) **WEISS, Peter**; Zeppelinstrasse 4, Postfach 12 50, D-78229 Engen (DE).

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

(11) **WO 98/52426** (13) A1

(21) PCT/DE98/00865

(22) **24 Mar/mar 1998 (24.03.1998)**

(25) de (26) de

(31) 197 21 079.1 (32) **20 May/mai 1997 (20.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A23J 3/14**

- (54) ● METHOD AND DEVICE FOR CHANGING THE FUNCTIONAL FEATURES, WITH NO ALTERATION THEREOF, OF A PROTEIN PREPARATION
● PROCEDE ET DISPOSITIF DE MODIFICATION, SANS RISQUE D'ALTERATION, DES PROPRIETES FONCTIONNELLES D'UNE PREPARATION PROTEINIQUE

(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) **LUCK, Thomas** [DE/DE]; Meggendorfstrasse 54a, D-80992 München (DE).
PFEIFER, Thomas [DE/DE]; Arcisstrasse 40, D-80799 München (DE).
WÄSCHE, Andreas [DE/DE]; Freisinger Strasse 12, D-85416 Langenbach (DE).

(74) **RÖSLER, Uwe**; Anwaltskanzlei München – Rösler, Wilhelm-Mayr-Strasse 11, D-80689 München (DE).

(81) CA CN JP 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 98/52427** (13) A1

(21) PCT/US98/09880

(22) **14 May/mai 1998 (14.05.1998)**

(25) en (26) en

(31) 08/861,862 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A23L 1/226, 1/236**

- (54) ● IMPROVED LECITHIN FORM AND METHODS FOR USING SAME
● FORME AMELIOREE DE LECITHINE ET SES PROCEDES D'UTILISATION

(71) **WM. WRIGLEY JR. COMPANY** [US/US]; 410 North Michigan Avenue, Chicago, IL 60611 (US).

(72) **HARTMAN, Scott, E.**; 135 Gary Drive, Hamilton Square, NJ 08690 (US).

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

(11) **WO 98/52428** (13) A2

(21) PCT/US98/10316

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 60/047,176 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A23L 1/308**

- (54) ● A FLOWABLE COMPOSITION AND A PROCESS FOR MAKING THE FLOWABLE COMPOSITION
● COMPOSITION FLUIDE ET SON PROCEDE D'OBTENTION

(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) **VOLKER, Alan, David** [US/US]; 8337 Wadmiral Drive, North Bend, OH 45052 (US).
HOWIE, John, Keeney [US/US]; 5958 Olive Branch Road, Oregonia, OH 45054 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52429** (13) A2

(21) PCT/US98/10325

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 60/047,176 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A23L 1/308**

- (54) ● A FLOWABLE NONDIGESTIBLE OIL AND PROCESS FOR MAKING
● HUILE FLUIDE NON DIGESTIBLE ET PROCEDE DE FABRICATION

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VOLKER, Alan, David** [US/US]; 8337 Wadmiral Drive, North Bend, OH 45052 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52430** (13) A1

(21) PCT/US98/08511

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/863,076 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A41B 3/08**

(54) ● JACKET AND INTERCHANGEABLE LAPEL
● VESTON ET REVERS AMOVIBLE

(71) **CHROMALLOY MEN'S APPAREL GROUP, INC.** [US/US]; 3 University Plaza, Hackensack, NJ 07601 (US).

(72) **BENNETT, Robert**; 312 E. Linden Avenue, Englewood, NJ 07631 (US). **GALANTE, John**; 1061 Broadlands, Watkinsville, GA 30677 (US).

(74) **BITTMAN, Mitchell, D.**; Sequa Corporation, 3 University Plaza, Hackensack, NJ 07601 (US).

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

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(11) **WO 98/52431** (13) A1

(21) PCT/IB98/00769

(22) **19 May/mai 1998 (19.05.1998)**

(25) fr (26) fr

(31) 1195/97 (32) **22 May/mai 1997 (22.05.1997)** (33) CH

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A41B 13/10**

(54) ● METHOD FOR MAKING DISPOSABLE BIBS AND RESULTING BIBS

● PROCEDE DE FABRICATION DE BAVETTES JETABLES ET BAVETTES AINSI OBTENUES

(71, 72) **LAMB, Christopher** [CH/CH]; 26, chemin des Tattes, CH-1222 Vesenzaz (CH). **RIS, Antoine** [CH/CH]; 4, place de l'Etrier, CH-1224 Chêne-Bougeries (CH). **RIS, Natalie** [CH/CH]; 4, place de l'Etrier, CH-1224 Chêne-Bougeries (CH).

(74) **MICHELI & CIE**; 122, rue de Genève, Case postale 61, CH-1226 Thônex (CH).

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

(11) **WO 98/52432** (13) A1

(21) PCT/AU98/00372

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) PO 6904 (32) **20 May/mai 1997 (20.05.1997)** (33) AU

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A41D 1/10, D06F 59/02, 73/00, 87/00**

(54) ● A METHOD FOR IMPROVING THE STABILITY OF THE SHAPE OF TROUSERS

● PROCEDE POUR AMELIORER LA STABILITE DE LA FORME D'UN PANTALON

(71) **COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION** [AU/AU]; Limestone Avenue, Campbell, ACT 2601 (AU).

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

(72, 75) **DE BOOS, Allan, Gibson** [AU/AU]; 23 Nantes Street, Newton, VIC 3220 (AU). **WEMYSS, Andrew, Morgan** [AU/AU]; 37 Fairbrae Avenue, Belmont, VIC 3216 (AU). **FINCHER, Keith, William** [GB/AU]; 237 Jetty Road, Drysdale, VIC 3222 (AU).

(74) **LESLIE, Keith** et al. / etc.; Davies Collison Cave, 1 Little Collins Street, Melbourne, VIC 3000 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52433** (13) A1

(21) PCT/ES98/00140

(22) **18 May/mai 1998 (18.05.1998)**

(25) es (26) es

(31) U 9701375 (32) **19 May/mai 1997 (19.05.1997)** (33) ES

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A41D 13/00**

(54) ● INTELLIGENT SYSTEM FOR BODY PROTECTION APPLICABLE TO MOTORCYCLE RIDERS AND METHOD FOR ITS IMPLEMENTATION

● SYSTEME INTELLIGENT DE PROTECTION CORPORELLE DESTINE AUX MOTOCYCLISTES ET PROCEDE DE MISE EN OEUVRE

(71, 72) **NUÑEZ MOYA, Pedro** [ES/ES]; Calle Neto, 10-C, Urbanizació Mas d'en Serra, E-08810 Sant Pere de Ribes (ES).

(74) **MANRESA VAL, Manuel**; Girona, 34, E-08010 Barcelona (ES).

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

(11) **WO 98/52434** (13) A1

(21) PCT/CH98/00132

(22) **8 Apr/avr 1998 (08.04.1998)**

(25) de (26) de

(31) 1208/97 (32) **23 May/mai 1997 (23.05.1997)** (33) CH

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A41D 23/00, 27/18**

(54) ● NECK AND CHEST PROTECTOR

● PROTECTION POUR LE COU ET LA POITRINE

(71, 72) **RYTIR, Lubomir** [CH/CH]; Gniststrasse 1, CH-8494 Bauma (CH).

(74) **ABATRON-PATENTBÜRO AG**; Altstetterstrasse 224, CH-8048 Zürich (CH).

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

(11) **WO 98/52435** (13) A1

(21) PCT/US98/03080

(22) **18 Feb/fév 1998 (18.02.1998)**

(25) en (26) en

(31) 08/802,423 (32) **18 Feb/fév 1997 (18.02.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A43B 7/14, 7/22**

(54) ● ADJUSTABLE ORTHOTICS

● ORTHESE REGLABLE

(71, 72) **MCROSKEY, Guy** [US/US]; 4135 Skyline Road, Carlsbad, CA 92008 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK 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 98/52436** (13) A1

(21) PCT/FR98/00919

(22) **7 May/mai 1998 (07.05.1998)**

(25) fr (26) fr

(31) 97/06275 (32) **16 May/mai 1997 (16.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A43D 1/02**

(54) ● DEVICE FOR DETERMINING BY VISUAL REFERENCE THE SIZE OF A SHOE BASED ON THE FOOT'S SHAPE

● DISPOSITIF DE DETERMINATION PAR REPERAGE VISUEL DE LA POINTURE D'UNE CHAUSSURE EN FONCTION DE LA CONFIGURATION DU PIED

(71) **DECATHLON** [FR/FR]; 4, boulevard de Mons, F-59650 Villeneuve d'Ascq (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FREYCHAT, Philippe** [FR/FR]; 14, rue du Sergent Maginot, F-59700 Marcq-en-Baroeul (FR).

(74) **HENNION, Jean-Claude**; Cabinet Beau de Loménie, 37, rue du Vieux Faubourg, F-59800 Lille (FR).

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

(11) **WO 98/52437** (13) A1

(21) PCT/AU98/00378

(22) **21 May/mai 1998 (21.05.1998)**

(25) en (26) en

(31) 23596/97 (32) **21 May/mai 1997 (21.05.1997)** (33) AU

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A44B 11/00, A47D 15/00, B60R 22/10**

(54) ● BUCKLE SHIELDING MEANS

- MOYEN DE PROTECTION DE BOUCLE
- (71, 72) **QUIGLEY, Donna, Elaine** [AU/AU]; 7/69 Ashmore Road, Ernest, QLD 4214 (AU). **KENT, Cameron, Michael** [AU/AU]; 5 Welch's Road, Wongawallan, QLD 4210 (AU).
- (74) **PIZZEYS PATENT & TRADEMARK ATTORNEYS**; Level 6, 444 Queen Street, Brisbane, QLD 4000 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/52438** (13) A1
(21) PCT/US98/09271
(22) **6 May/mai 1998 (06.05.1998)**
(25) en (26) en
(31) 08/859,806 (32) **19 May/mai 1997 (19.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **A44B 19/16**
(54) • SLIDER ZIPPER RECLOSABLE FASTENER
• DISPOSITIF DE FERMETURE PAR PRESION ET GLISSIERE A CURSEUR
- (71) **KCL CORPORATION** [US/US]; Hodell & Prospect Streets, Shelbyville, IN 46176 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **O'CONNOR, Thomas, P.** [US/US]; 379 W. Broadway, Shelbyville, IN 46176 (US). **BURKE, James, W.** [US/US]; 101 Western Ridge Road, Cleves, OH 45002 (US).
- (74) **EMHARDT, C., David** et al. / etc.; Woodard, Emhardt, Naughton, Moriarty & McNett, Bank One Ceter/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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/52439** (13) A1
(21) PCT/CA98/00338
(22) **9 Apr/avr 1998 (09.04.1998)**
(25) en (26) en
(31) 2,205,607 (32) **16 May/mai 1997 (16.05.1997)** (33) CA
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **A45C 7/00**
(54) • SPORTS BAG
• SAC DE SPORT
- (71, 72) **FOURNIER, Marc** [CA/CA]; 290 Labine Street, Azilda, Ontario P0M 1B0 (CA).
- (74) **WALTER, Robert, H.**; G. Ronald Bell & Associates, P.O. Box 2450, Station D, Ottawa, Ontario K1P 5W6 (CA).
- (81) AL AM AT AU AZ BA BB BG BR BY CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/52440** (13) A1
(21) PCT/EP97/02534
(22) **16 May/mai 1997 (16.05.1997)**
(25) de (26) de
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **A45D 34/04**
(54) • APPLICATOR
• DISPOSITIF APPLICATEUR
- (71) **SCHWAN-STABILO COSMETICS GMBH & CO.** [DE/DE]; Schwannweg 1, D-90562 Heroldsberg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GRIEBEL, Ulrich** [DE/DE]; Lenzstrasse 2a, D-90518 Altdorf (DE). **WEISS, Willy** [DE/DE]; Austrasse 14, D-90518 Altdorf (DE). **RÖDER, Georg** [DE/DE]; Bechtoldstrasse 26, D-91126 Schwabach (DE).
- (74) **LEINWEBER + ZIMMERMANN**; Rosental 7, D-80331 München (DE).
- (81) BR JP MX US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/52441** (13) A1
(21) PCT/US98/10540
(22) **22 May/mai 1998 (22.05.1998)**
(25) en (26) en
(31) 08/862,675 (32) **23 May/mai 1997 (23.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **A47C 17/02, 17/00**
(54) • COMBINATION ITEM OF FURNITURE AND FOLDABLE SLEEPER BED
• ENSEMBLE COMBINE OBJET D'AMEUBLEMENT ET LIT PLIANT
- (71) **L & P PROPERTY MANAGEMENT COMPANY** [US/US]; 4095 Firestone Boulevard, South Gate, CA 90280 (US).
- (72) **SUTHERLAND, Mark**; 85A Rose Branch Drive, Richmond Hill, Ontario 24S 1J5 (CA). **WIESZ, Peter**; 61 Harmony Hill Crescent, Richmond Hill, Ontario L4C 824 (CA).
- (74) **POFFENBERGER, John, D.** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/52442** (13) A1
(21) PCT/CH98/00171
(22) **28 Apr/avr 1998 (28.04.1998)**
(25) de (26) de
(31) 1165/97 (32) **20 May/mai 1997 (20.05.1997)** (33) CH
(31) 1287/97 (32) **30 May/mai 1997 (30.05.1997)** (33) CH
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **A47C 23/06**
(54) • BED BASE
• BASE DE LIT
- (71, 72) **MEILL, Peter** [CH/CH]; Eggenstrasse 7, CH-5615 Fahrwangen (CH).
- (72, 75) **PFISTER, Adolf** [CH/CH]; Talbachstrasse 24, CH-5722 Gränichen (CH).
- (74) **PATENTANWALTSBÜRO FELDMANN AG**; Kanalstrasse 17, CH-8152 Glatbrugg (CH).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/52443** (13) A2
(21) PCT/GB98/01475
(22) **21 May/mai 1998 (21.05.1998)**
(25) en (26) en
(31) 9710683.5 (32) **23 May/mai 1997 (23.05.1997)** (33) GB
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **A47C 31/10**
(54) • CLOSURE-ARRANGEMENTS FOR LOOSE-COVERS
• DISPOSITIFS DE FERMETURE DE HOUSSES
- (71, 72) **BLACK, Craig, Vincent** [GB/GB]; 10 Melford Bridge Road, Thetford, Norfolk IP24 2HH (GB).
- (74) **SANDERSON, Laurence, Andrew** et al. / etc.; Sanderson & Co., 34 East Stockwell Street, Colchester, Essex CO1 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/52444** (13) A1
(21) PCT/US98/10360
(22) **19 May/mai 1998 (19.05.1998)**
(25) en (26) en
(31) 08/858,746 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A47F 5/00, A47B 96/06**

(54) ● DESKTOP SUPPORT STRUCTURE

● STRUCTURE DE SUPPORT POUR BUREAU

(71) **CUSTOM PLASTICS, INC.** [US/US]; 1940 Lunt Avenue, Elk Grove Village, IL 60007 (US).

(72) **TISBO, Peter, M.**; 943 Lakewood Drive, Barrington, IL 60010 (US).

(74) **SLAVIN, Michael, A.**; McHale & Slavin, P.A., Suite 402, 4440 PGA Boulevard, Palm Beach Gardens, FL 33410 (US).

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

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(11) **WO 98/52445** (13) A1

(21) PCT/US98/10629

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 08/861,796 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A47H 1/16**

(54) ● HOLDER FOR MUSICAL INSTRUMENT, OR THE LIKE

● SUPPORT POUR INSTRUMENT DE MUSIQUE OU ANALOGUE

(63) US 08/861,796 (CON)
22 May/mai 1997 (22.05.1997)

(71) **BREEZY RIDGE INSTRUMENTS, LTD.** [US/US]; P.O. Box 295, Center Valley, PA 18034 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PEARSE, John** [GB/GB]; 4787 Route 100, New Tripoli, PA 18066 (US).

(74) **SYNNESTVEDT, John, T.** et al. / etc.; Synnestedt & Lechner LLP, 2600 Aramark Tower, 1101 Market Street, Philadelphia, PA 19107-2950 (US).

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

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(11) **WO 98/52446** (13) A1

(21) PCT/AU98/00361

(22) **18 May/mai 1998 (18.05.1998)**

(25) en (26) en

(31) PO6871 (32) **19 May/mai 1997 (19.05.1997)** (33) AU

(31) PP1522 (32) **27 Jan/jan 1998 (27.01.1998)** (33) AU

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A47J 27/00, B65D 81/34, A23L 1/025**

(54) ● MICROWAVE BROWNING OF VEGETABLES

● BRUNISSEMENT DE LEGUMES AUX MICRO-ONDES

(71) **COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION** [AU/AU]; Limestone Avenue, Campbell, ACT 2612 (AU).

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(72, 75) **MORRIS, Stephen** [AU/AU]; Food Science Australia, 16 Julius Avenue, North Ryde, NSW 2113 (AU). **STEPHENS, Barbara** [AU/AU]; Food Science Australia, 16 Julius Avenue, North Ryde, NSW 2113 (AU).

(74) **GRIFFITH HACK**; G.P.O. Box 4164, Sydney, NSW 2001 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52447** (13) A1

(21) PCT/GB98/01439

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 9710096.0 (32) **19 May/mai 1997 (19.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A47J 27/21**

(54) ● ELECTRICAL HEATING ELEMENT

● ELEMENT DE CHAUFFAGE ELECTRIQUE

(71) **OTTER CONTROLS LIMITED** [GB/GB]; Hardwick Square South, Buxton, Derbyshire SK17 6LA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **O'NEILL, Robert, Andrew** [GB/GB]; "Morcot", Alexandra Road, Buxton, Derbyshire SK17 9NQ (GB). **HADFIELD, Robert, Henry** [GB/GB]; 29 Leigh Avenue, Marple, Cheshire SK6 6DF (GB).

(74) **MILHENCH, Howard, L.** 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 GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/52448** (13) A1

(21) PCT/CA98/00493

(22) **15 May/mai 1998 (15.05.1998)**

(25) en (26) en

(31) 2,205,627 (32) **16 May/mai 1997 (16.05.1997)** (33) CA

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A47J 31/60, 31/32**

(54) ● BEVERAGE BREWER CHAMBER ASSEMBLY

● ENSEMBLE RECIPIENT A INFUSION POUR BOISSONS

(71, 72) **MACKINNON, Timothy, S.** [CA/CA]; 970 Senecal, Brossard, Quebec J4X 1L2 (CA).

(74) **KOSIE, Ronald, S.**; Brouillette Kosie, 25ème étage, 1100, boulevard René-Lévesque Ouest, Montréal, Québec H3B 5C9 (CA).

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

(11) **WO 98/52449** (13) A1

(21) PCT/DK98/00052

(22) **17 Feb/fév 1998 (17.02.1998)**

(25) en (26) en

(31) 0571/97 (32) **16 May/mai 1997 (16.05.1997)** (33) DK

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A47J 36/38, 37/04, F24C 15/20**

(54) ● APPARATUS FOR A HEAT TREATMENT OF A PARTICULAR FOOD PRODUCT

● APPAREIL DESTINE AU TRAITEMENT THERMIQUE D'UNE DENREE ALIMENTAIRE SPECIFIQUE

(71) **PLF INTERNATIONAL A/S** [DK/DK]; Det Gule Pakhus, Havnepladsen 3B, DK-5700 Svendborg (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HANSEN, Ejner, Bjørn** [DK/DK]; Pederstrupvej 9, DK-5210 Odense NV (DK).

(74) **HOLME, Edvard**; Holme Patent A/S, Vesterbrogade 20, DK-1620 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (a)

(11) **WO 98/52450** (13) A2

(21) PCT/DE98/01407

(22) **19 May/mai 1998 (19.05.1998)**

(25) de (26) de

(31) 197 21 948.9 (32) **21 May/mai 1997 (21.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A47J 37/00**

(54) ● MOBILE GRILL

● APPAREIL A GRILLER MOBILE

(71, 72) **ROHLOFF, Bertram** [DE/DE]; Friedenstrasse 65, D-10249 Berlin (DE).

(81) CZ HU JP NO PL RU UA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/52451** (13) A1
 (21) PCT/FR98/00970
 (22) **15 May/mai 1998 (15.05.1998)**
 (25) fr (26) fr
 (31) 97/06031 (32) **16 May/mai 1997 (16.05.1997)** (33) FR
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A47J 37/08**
 (54) ● ELECTRICAL APPLIANCE FOR THERMAL CONDITIONING OF FOODS
 ● APPAREIL ELECTRIQUE DE CONDITIONNEMENT THERMIQUE DES ALIMENTS
 (71) **ROBOT-COUCPE (S.N.C.)** [FR/FR]; 12, avenue du Maréchal Leclerc, F-71300 Montceau-les-Mines (FR).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **de JENLIS, Pascal** [FR/FR]; 48 bis, avenue Belmontet, F-92210 Saint Cloud (FR).
 (74) **VIARD, Jean**; Cabinet Viard, 28 bis, avenue Mozart, F-75016 Paris (FR).
 (81) BR CN DE GB JP MX US.

- (11) **WO 98/52452** (13) A1
 (21) PCT/DE98/01398
 (22) **21 May/mai 1998 (21.05.1998)**
 (25) de (26) de
 (31) 197 21 373.1 (32) **22 May/mai 1997 (22.05.1997)** (33) DE
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A47K 3/22**
 (54) ● CABIN FOR APPLYING A SUBSTANCE TO HUMAN BEINGS
 ● CABINE POUR L'APPLICATION D'UNE SUBSTANCE SUR DES PERSONNES
 (71, 72) **SIEGLE, Wolfgang** [DE/DE]; St.-Urban-Strasse 5, D-67550 Worms (DE).
 (74) **JENDRICKE, Susann**; Renzstrasse 5, D-67547 Worms (DE).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/52453** (13) A1
 (21) PCT/US98/10162
 (22) **18 May/mai 1998 (18.05.1998)**
 (25) en (26) en
 (31) 97108388.6 (32) **23 May/mai 1997 (23.05.1997)** (33) EP
 (34) BE et al. / etc.
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A47K 10/24**
 (54) ● FOLDING AND STACKING CONFIGURATION FOR WET WIPES

- CONFIGURATION DE PLIAGE ET D'EMPILEMENT DE LINGETTES HUMIDES
 (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) **HILL, Simon, David, Julian** [GB/DE]; Alwinenstrasse 13, D-65189 Wiesbaden (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52454** (13) A1
 (21) PCT/US98/10603
 (22) **26 May/mai 1998 (26.05.1998)**
 (25) en (26) en
 (31) 97108388.6 (32) **23 May/mai 1997 (23.05.1997)** (33) EP
 (34) BE et al. / etc.
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A47K 10/42**
 (54) ● FOLDING AND STACKING CONFIGURATION FOR WET WIPES
 ● CONFIGURATION DE PLIAGE ET D'EMPILEMENT POUR LINGETTES HUMIDES
 (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) **HILL, Simon, David, Julien** [GB/DE]; Alwinenstrasse 13, D-65189 Wiesbaden (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52455** (13) A1
 (21) PCT/US97/09358
 (22) **21 May/mai 1997 (21.05.1997)**
 (25) en (26) en
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A47K 11/12**
 (54) ● PORTABLE URINE HOLDING SYSTEM
 ● SYSTEME PORTATIF POUR RECUEILLIR DE L'URINE

- (71, 72) **GARLOCK, Larry** [US/US]; 782 East 1050 North, Bountiful, UT 84010 (US).
 (74) **BATEMAN, Randall, B.** et al. / etc.; Thorpe, North & Western, L.L.P., Suite 200, 9035 South 700 East, Sandy, UT 84070 (US).
 (81) 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).

- (11) **WO 98/52456** (13) A1
 (21) PCT/AU98/00354
 (22) **15 May/mai 1998 (15.05.1998)**
 (25) en (26) en
 (31) PO 6811 (32) **16 May/mai 1997 (16.05.1997)** (33) AU
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A47L 5/26, E01H 1/05**
 (54) ● AN APPARATUS FOR CLEANING SYNTHETIC GRASS
 ● APPAREIL POUR NETTOYER LE GAZON SYNTHETIQUE
 (71) **SYN-GRASS RESOURCES PTY. LTD.** [AU/AU]; Riverside Centre, Level 20, 123 Eagle Street, Brisbane, QLD 4000 (AU).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **ALLAWAY, Allan, William** [AU/AU]; P.O. Box 49, Underwood, QLD 4119 (AU).
 (74) **GRIFFITH HACK**; G.P.O. Box 3125, Brisbane, QLD 4001 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52457** (13) A1
 (21) PCT/EP98/02898
 (22) **16 May/mai 1998 (16.05.1998)**
 (25) de (26) de
 (31) 297 08 695.2 (32) **16 May/mai 1997 (16.05.1997)** (33) DE
 (31) 197 52 862.7 (32) **28 Nov/nov 1997 (28.11.1997)** (33) DE
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A47L 9/14**
 (54) ● REUSEABLE UNIVERSAL VACUUM CLEANER BAG
 ● SAC UNIVERSEL REUTILISABLE POUR ASPIRATEUR
 (71, 72) **HOFFMANN, Konstantin, Moessis** [DE/DE]; Harzweg 11, D-63457 Hanau (DE).
 (81) CN CZ JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/52458** (13) A1
 (21) PCT/US98/10362
 (22) **20 May/mai 1998 (20.05.1998)**
 (25) en (26) en
 (31) 60/047,619 (32) **23 May/mai 1997 (23.05.1997)** (33) US
 (31) 60/055,330 (32) **12 Aug/août 1997 (12.08.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A47L 13/16, 13/20, D04H 13/00, A47L 13/17, 13/19**

- (54) ● THREE-DIMENSIONAL STRUCTURES USEFUL AS CLEANING SHEETS
 ● STRUCTURES TRIDIMENSIONNELLES UTILES EN TANT QUE TEXTILES D'ENTRETIEN

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

(72) **FERESHTEHKHOU, Saeed**; 7336 Sanderson Place, Cincinnati, OH 45243 (US). **RUSO, Paul, John**; 9667 Tulip Tree Court, Loveland, OH 45140 (US). **STRICKLAND, Wilbur, Cecil, Jr.**; 5910 Sovereign Drive, Cincinnati, OH 45241 (US). **POLICICCHIO, Nicola, John**; 4976 Laurelwood Court, Mason, OH 45040 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52459** (13) A1
 (21) PCT/US98/10363
 (22) **20 May/mai 1998 (20.05.1998)**
 (25) en (26) en
 (31) 60/047,619 (32) **23 May/mai 1997 (23.05.1997)** (33) US
 (31) 60/055,330 (32) **12 Aug/août 1997 (12.08.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A47L 13/16, 13/20, 13/17, D04H 13/00, 1/46**

- (54) ● STRUCTURES USEFUL AS CLEANING SHEETS
 ● STRUCTURES UTILES EN TANT QUE TEXTILES D'ENTRETIEN

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

(72) **FERESHTEHKHOU, Saeed**; 7336 Sanderson Place, Cincinnati, OH 45243 (US). **RUSO, Paul, John**; 9667 Tulip Tree Court, Loveland, OH 45140 (US). **STRICKLAND, Wilbur, Cecil, Jr.**; 5910 Sovereign Drive, Cincinnati, OH 45241 (US). **POLICICCHIO, Nicola, John**; 4976 Laurelwood Court, Mason, OH 45040 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/52460** (13) A1

(21) PCT/GB98/01524

(22) **26 May/mai 1998 (26.05.1998)**

(25) en (26) en

(31) 9710561.3 (32) **23 May/mai 1997 (23.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61B 5/00**

- (54) ● NON-INVASIVE DIAGNOSTIC METHOD AND APPARATUS
 ● METHODE ET APPAREIL DE DIAGNOSTIC NON EFFRACTIF

(71) **MEDICAL LASER TECHNOLOGIES LIMITED** [GB/GB]; Unit 4, Belleknowes Industrial Estate, Inverkeithing, Fife KY11 1HY (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COLLES, Michael, John** [GB/GB]; Bogleknowe, Hartree by Biggar, Lanarkshire ML12 6JJ (GB).

(74) **MURGITROYD & COMPANY**; 373 Scotland Street, Glasgow G5 8QA (GB).

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

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(11) **WO 98/52461** (13) A1

(21) PCT/US98/10595

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 60/047,263 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61B 5/00**

- (54) ● CARDIAC MRI WITH AN INTERNAL RECEIVING COIL AND AN EXTERNAL RECEIVING COIL
 ● PROCEDE D'IMAGERIE CARDIAQUE PAR IRM METTANT EN OEUVRE UNE BOBINE RECEPTRICE INTERNE ET UNE BOBINE RECEPTRICE EXTERNE

(71) **CARDIAC M.R.I., INC.** [US/US]; 6800 Jericho Turnpike, Syosset, NY 11791 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MINKOFF, Lawrence, A.** [US/US]; 8 Danton Lane South, Lattigtown, NY 11560 (US). **FUSTER, Valentin** [US/US]; Apartment 11D, 14 E. 75th Street, New York, NY 10021 (US).

(74) **SZCZECINA, Eugene, L., Jr.** et al. / etc.; Darby & Darby P.C., 805 Third Avenue, New York, NY 10022-7513 (US).

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

(11) **WO 98/52462** (13) A1

(21) PCT/US97/09949

(22) **6 Jun/juin 1997 (06.06.1997)**

(25) en (26) en

(31) 08/859,653 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61B 5/02, 7/02, 7/04**

- (54) ● SINGLE USE INDICATOR FOR STETHOSCOPIES
 ● INDICATEUR D'UTILISATION UNIQUE POUR STETHOSCOPIES

(71, 72) **HENWOOD, Peter, S., W.** [GB/GB]; 72 New Bond Street, London W1Y 9DD (GB). **KROLL, Michael, I.** [US/US]; 171 Stillwell Lane, Syosset, NY 11791 (US).

(74) **KROLL, Michael, I.**; 171 Stillwell Lane, Syosset, NY 11791 (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); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/52463** (13) A1

(21) PCT/US98/10258

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 60/047,275 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(31) 60/047,253 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(31) 60/047,254 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61B 5/0402**

- (54) ● ECG NOISE DETECTION SYSTEM
 ● SYSTEME DE DETECTION DU BRUIT D'UN ECG

(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) **DEPINTO, Victor, M.** [US/US]; P.O. Box 407, Kirkland, WA 98083 (US).

(74) **ALLISON, Richard, D.**; Quinton Instrument Company, 3303 Monte Villa Parkway, Bothell, WA 98021 (US) et al. / etc.

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

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- (11) **WO 98/52464** (13) A1
 (21) PCT/US98/10491
 (22) **22 May/mai 1998 (22.05.1998)**
 (25) en (26) en
 (31) 60/047,604 (32) **23 May/mai 1997 (23.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A61B 5/05**
 (54) ● ELECTROMAGNETICAL IMAGING AND THERAPEUTIC (EMIT) SYSTEMS
 ● SYSTEME DE TYPE EMIT D'IMAGERIE ELECTROMAGNETIQUE ET SYSTEME THERAPEUTIQUE
 (71) **THE CAROLINAS HEART INSTITUTE** [US/US]; 1000 Blythe Boulevard, Charlotte, NC 29232 (US).
 (72) **SVENSON, Robert, H.**; 1200 Queens Road West, Charlotte, NC 28207 (US). **SEMENOV, Serguei Y.**; Ramenki Street, 701-11-3, Moscow, 117607 (RU). **BARANOV, Vladimir Y.**; Marshal Vasilievsky Street, 7-1-2, Moscow, 123098 (RU).
 (74) **KEOUGH, Steven, J.** et al. / etc.; Patterson & Keough, P.A., 1200 Rand Tower, 527 Marquette Avenue South, Minneapolis, MN 55402 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52465** (13) A1
 (21) PCT/US98/10623
 (22) **22 May/mai 1998 (22.05.1998)**
 (25) en (26) en
 (31) 60/047,526 (32) **23 May/mai 1997 (23.05.1997)** (33) US
 (31) 60/054,124 (32) **28 Jul/juil 1997 (28.07.1997)** (33) US
 (31) 60/062,518 (32) **17 Oct/oct 1997 (17.10.1997)** (33) US
 (31) 60/074,474 (32) **12 Feb/fév 1998 (12.02.1998)** (33) US
 (31) 60/075,324 (32) **20 Feb/fév 1998 (20.02.1998)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A61B 5/055**
 (54) ● MRI-GUIDED THERAPEUTIC UNIT AND METHODS

● UNITE THERAPEUTIQUE GUIDEE PAR IMAGERIE PAR RESONANCE MAGNETIQUE (IRM) ET PROCEDE ASSOCIE

- (71) **TRANSURGICAL, INC.** [US/US]; Suite #2, 220 Belle Meade Road, Setauket, NY 11733 (US).
 (72) **ACKER, David, E.**; 27 Tavern Way, Setauket, NY 11733 (US). **WAGSHUL, Mark**; 45 Oxbow Road, Patchogue, NY 11772 (US).
 (74) **MILLET, Marcus, J.** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52466** (13) A1
 (21) PCT/US98/10405
 (22) **20 May/mai 1998 (20.05.1998)**
 (25) en (26) en
 (31) 60/047,307 (32) **21 May/mai 1997 (21.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A61B 5/11, 5/22**
 (54) ● NON-INVASIVE SENSING OF A PHYSICAL PARAMETER
 ● DETECTION NON INVASIVE D'UN PARAMETRE PHYSIQUE
 (71) **LUCENT MEDICAL SYSTEMS, INC.** [US/US]; Suite 250, 135 Lake Street South, Kirkland, WA 98033 (US).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **SOMOGYI, Christopher, P.** [US/US]; 14058 220th Avenue Northeast, Woodinville, WA 98072 (US). **GOLDEN, Robert, N.** [US/US]; 12117 Northeast 66th Street, Kirkland, WA 98033 (US).
 (74) **HERMANN, Karl, R.** et al. / etc.; Seed and Berry LLP, 6300 Columbia Center, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52467** (13) A1
 (21) PCT/AU98/00358
 (22) **18 May/mai 1998 (18.05.1998)**
 (25) en (26) en
 (31) PO 6855 (32) **16 May/mai 1997 (16.05.1997)** (33) AU
 (31) PO 8204 (32) **24 Jul/juil 1997 (24.07.1997)** (33) AU
 (31) PP 0956 (32) **16 Dec/déc 1997 (16.12.1997)** (33) AU

- (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A61B 5/113, 5/08**
 (54) ● RESPIRATORY-ANALYSIS SYSTEMS
 ● SYSTEMES D'ANALYSE RESPIRATOIRE
 (71) **RESMED LIMITED** [AU/AU]; 82 Waterloo Road, North Ryde, NSW 2113 (AU).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **BRYDON, John, William, Ernest** [AU/AU]; 37/10 Carr Street, Waverton, NSW 2060 (AU).
 (74) **SPRUSON & FERGUSON**; G.P.O. Box 3898, Sydney, NSW 2001 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52468** (13) A2
 (21) PCT/IB98/00655
 (22) **30 Apr/avr 1998 (30.04.1998)**
 (25) en (26) en
 (31) 97201544.0 (32) **23 May/mai 1997 (23.05.1997)** (33) EP
 (34) NL et al. / etc.
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A61B 6/00**
 (54) ● X-RAY EXAMINATION APPARATUS INCLUDING A FILTER
 ● APPAREIL D'EXAMEN AUX RAYONS X COMPRENANT UN FILTRE
 (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
 (71) **PHILIPS AB** [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).
 (only for / seulement pour SE)
 (72) **WELTERS, Wilhelmus, Jacobus, Johannes**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **YOUNG, Edward, Willem, Albert**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
 (74) **COHEN, Julius, S.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).
 (81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/52469** (13) A1
 (21) PCT/US98/10012
 (22) **18 May/mai 1998 (18.05.1998)**
 (25) en (26) en
 (31) 08/859,579 (32) **20 May/mai 1997 (20.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A61B 6/00**
 (54) ● NON-INVASIVE CONTINUOUS BLOOD GLUCOSE MONITORING
 ● GLYCOMETRIE CONTINUE NON INVASIVE

(71, 72) **BUCHERT, Janusz, M.** [PL/US]; 180 Cabrini Boulevard #79, New York, NY 10033 (US).

(81) AU BR CA CN CZ HU IL JP KR MX NO NZ PL SG SK TR UA; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/52470** (13) A1

(21) PCT/GB98/01508

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 9710650.4 (32) **22 May/mai 1997 (22.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61B 10/00, 5/103, A45D 34/04**

(54) ● HAIR CARE KIT
● KIT DE SOIN CAPILLAIRE

(71, 72) **ROWE, Geoffrey** [GB/GB]; 156 Fishpool Street, St. Albans, Herts AL3 4RZ (GB).

(74) **AUSTIN, Hedley, William;** Urquhart-Dykes & Lord, Alexandra House, Alexandra Road, Swansea SA1 5ED (GB).

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

(11) **WO 98/52471** (13) A1

(21) PCT/EP98/03047

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 08/861,930 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61B 17/04**

(54) ● INSTALLATION TOOL FOR SUTURE ANCHOR
● OUTIL DE MISE EN PLACE D'ANCRAGE DE SUTURE

(71) **BIONX IMPLANTS OY** [FI/FI]; Runeberginkatu 3 A1, FIN-33710 Tampere (FI).

(72) **TORMALA, Pertti;** Nestori Sarrin Katu 1, FIN-33720 Tampere (FI). **PIRHONEN, Eija;** Saltakatu 17 AS. 1, FIN-33100 Tampere (FI).

(74) **BOULT WADE TENNANT;** 27 Furnival Street, London EC4A 1PQ (GB).

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

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(11) **WO 98/52472** (13) A1

(21) PCT/US98/08992

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 08/858,890 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61B 17/04**

(54) ● APPARATUS AND METHOD FOR CLOSING A VASCULAR PERFORATION AFTER PERCUTANEOUS PUNCTURE OF A BLOOD VESSEL IN A LIVING SUBJECT

● DISPOSITIF ET PROCEDE SERVANT A FERMET UNE PERFORATION VASCULAIRE APRES UNE PONCTION PERCUTANEE DANS UN VAISSEAU SANGUIN DE SUJET VIVANT

(71) **BETH ISRAEL DEACONESS MEDICAL CENTER** [US/US]; 330 Brookline Avenue, Boston, MA 02215 (US).

(71, 72) **DUCKSOO, Kim** [US/US]; 9 Cedarhill Road, Dover, MA 02030 (US).

(74) **PRASHKER, David;** David Prashker, P.C., 417 Washington Street, Brookline, MA 02146 (US).

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

(11) **WO 98/52473** (13) A1

(21) PCT/US98/10478

(22) **21 May/mai 1998 (21.05.1998)**

(25) en (26) en

(31) 859,887 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61B 17/04**

(54) ● SURGICAL METHODS USING ONE-WAY SUTURE
● PROCEDES CHIRURGICAUX EMPLOYANT DES SUTURES UNIDIRECTIONNELLES

(71, 72) **BUNCKE, Harry, J.** [US/US]; 1565 Kingswood Drive, Hillsborough, CA 94010 (US).

(74) **FREIBURGER, Thomas, M.;** 25th floor, 650 California Street, San Francisco, CA 94108 (US).

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

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(11) **WO 98/52474** (13) A1

(21) PCT/US98/07766

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 08/861,584 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61B 17/11**

(54) ● ANASTOMOSIS SYSTEM AND METHOD OF USE
● SYSTEME D'ANASTOMOSE ET TECHNIQUE D'UTILISATION

(71) **KENSEY NASH CORPORATION** [US/US]; Marsh Creek Corporate Center, Suite 204, 55 E. Uwchlan Avenue, Exton, PA 19341 (US).

(72) **NASH, John, E.;** 145 Oak Street, Downingtown, PA 19335 (US). **EVANS, Douglas, G.;** 202 Fostail Lane, Downingtown, PA 19355 (US).

(74) **STEIN, Barry, A.;** Caesar, Rivise, Bernstein, Cohen & Pokotilow, Ltd., 7 Penn Center, 12th floor, 1635 Market Street, Philadelphia, PA 19103-2212 (US).

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

(11) **WO 98/52475** (13) A1

(21) PCT/US98/10245

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 60/046,972 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(31) 09/036,125 (32) **6 Mar/mar 1998 (06.03.1998)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61B 17/11**

(54) ● DEVICE FOR FACILITATING END-TO-SIDE ANASTOMOSIS PROCEDURE

● DISPOSITIF PERMETTANT DE FACILITER LES PROCEDURES D'ANASTOMOSE TERMINO-LATERALE

(71) **CARDIO MEDICAL SOLUTIONS** [US/US]; 17080 Newhope Street, Fountain Valley, CA 92708 (US).

(72) **NOBLES, Anthony, A.;** 8686 Tern Avenue, Fountain Valley, CA 92708 (US). **BALADI, Naomi, A.;** 21 Woodleaf Avenue, Redwood City, CA 94061 (US).

(74) **SIMPSON, Andrew, H.;** Knobbe, Martens, Olson and Bear, LLP, 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/52476** (13) A1

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(22) **18 May/mai 1998 (18.05.1998)**

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(31) 60/046,977 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61B 17/12, A61M 25/10**

(54) ● DEVICE FOR PARTIALLY OCCLUDING BLOOD VESSELS

● DISPOSITIF DESTINE A OBSTRUER PARTIELLEMENT DES VAISSEAUX SANGUINS

(71) **CASTLE PROFESSIONAL SERVICES, INC.** [US/US]; 17080 Newhope Street, Fountain Valley, CA 92708 (US).

(72) **NOBLES, Anthony, A.;** 18602 Quarterhorse Lane, Huntington Beach, CA 92648 (US).

(74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson and Bear, LLP, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660-8016 (US).

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

(11) **WO 98/52477** (13) A1

(21) PCT/SE98/00957

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 9701935-0 (32) **23 May/mai 1997 (23.05.1997)** (33) SE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61B 17/132**

(54) ● DEVICE FOR PERFORMING HEMOSTASIS
● DISPOSITIF PERMETTANT DE REALISER UNE HEMOSTASIE

(71) **RADI MEDICAL SYSTEMS AB** [SE/SE]; Palmbladsgatan 10, S-754 50 Uppsala (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EGNELÖV, Per** [SE/SE]; Nannas väg 6, S-754 40 Uppsala (SE). **ÅKERFELDT, Dan** [SE/SE]; Nyvla, S-755 92 Uppsala (SE).

(74) **LINDGREN, Anders** et al. / etc.; Dr. Ludvig Brann Patentbyrå AB, P.O. Box 17192, S-104 62 Stockholm (SE).

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

(11) **WO 98/52478** (13) A1

(21) PCT/US98/10089

(22) **15 May/mai 1998 (15.05.1998)**

(25) en (26) en

(31) 08/858,247 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(31) 60/047,022 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61B 17/22, A61M 1/00**

(54) ● COOLING SYSTEM FOR ULTRASOUND DEVICE
● SYSTEME DE REFROIDISSEMENT POUR DISPOSITIF A ULTRASON

(71) **ANGIOSONICS, INC.** [US/US]; Suite 207, 2200 Gateway Centre Boulevard, Morrisville, NC 27560 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAYLOR, Warren** [US/US]; 106 Prince Albert Lane, Cary, NC 27511 (US). **MANHARD, Jack** [US/US]; 6 Darian Way, Durham, NC 27713 (US). **FOSHEE, David** [US/US]; 4601 Thane Court, Apex, NC 27502 (US).

(74) **POKITLOW, Steven, B.** et al. / etc.; Stroock & Stroock & Lavan LLP, 180 Maiden Lane, New York, NY 10038 (US).

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

(11) **WO 98/52479** (13) A1

(21) PCT/US98/07541

(22) **15 Apr/avr 1998 (15.04.1998)**

(25) en (26) en

(31) 60/047,484 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(31) 09/050,150 (32) **30 Mar/mar 1998 (30.03.1998)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61B 17/36**

(54) ● METHOD AND APPARATUS FOR CRYOGENIC SPRAY ABLATION OF GASTROINTESTINAL MUCOSA

● PROCEDE ET APPAREIL D'ABLATION PAR ATOMISATION CRYOGENIQUE DE LA MUCQUEUSE GASTRO-INTESTINALE

(71) **FIBER-TECH MEDICAL, INC.** [US/US]; Suite K, 5020 Campbell Boulevard, Baltimore, MD 21236 (US).

(71, 72) **JOHNSTON, Mark, H.** [US/US]; 16629 Cutlass Drive, Rockdrive, MD 20853 (US).

(72) **CARTLEDGE, Jennifer, B.**; 322 Micasa Drive, Pendleton, SC 29670 (US).

(74) **GAMSON, Robert, M.**; Bloom & Kreten, Suite 905, 401 Washington Avenue, Towson, MD 21204 (US).

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

(11) **WO 98/52480** (13) A1

(21) PCT/US98/10010

(22) **18 May/mai 1998 (18.05.1998)**

(25) en (26) en

(31) 08/858,414 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61B 17/39**

(54) ● APPARATUS AND METHOD FOR TREATING TISSUE WITH MULTIPLE ELECTRODES

● APPAREIL ET PROCEDE DE TRAITEMENT DE TISSUS A L'AIDE DE PLUSIEURS ELECTRODES

(71) **RADIOTHERAPEUTICS CORPORATION** [US/US]; Suite 1408, 2685 Marine Way, Mountain View, CA 94043 (US).

(72) **NICHOLS, Colin, J.**; 37750 Second Street, Fremont, CA 94536 (US).

(74) **HESLIN, James, M.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111-3834 (US).

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

(11) **WO 98/52481** (13) A1

(21) PCT/GB98/01523

(22) **26 May/mai 1998 (26.05.1998)**

(25) en (26) en

(31) 9710562.1 (32) **23 May/mai 1997 (23.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61B 17/41**

(54) ● APPARATUS AND METHOD FOR DELIVERY OF LIGHT TO SKIN

● APPAREIL ET PROCEDE D'APPLICATION DE LUMIERE SUR LA PEAU

(71) **MEDICAL LASER TECHNOLOGIES LIMITED** [GB/GB]; Unit 4, Belleknowes Industrial Estate, Inverkeithing, Fife KY11 1HY (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COLLES, Michael, John** [GB/GB]; Bogleknowe, Hartree by Biggar, Lanarkshire ML12 6JJ (GB).

(74) **MURGITROYD & COMPANY**; 373 Scotland Street, Glasgow G5 8QA (GB).

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

(11) **WO 98/52482** (13) A1

(21) PCT/CH97/00236

(22) **16 Jun/juin 1997 (16.06.1997)**

(25) de (26) de

(31) 197 20 782.0 (32) **17 May/mai 1997 (17.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61B 17/70**

(54) ● DEVICE FOR CONNECTING A LONGITUDINAL SUPPORT WITH A PEDICLE SCREW

● DISPOSITIF POUR RELIER UN SUPPORT LONGITUDINAL AVEC UNE VIS PEDONCULAIRE

(71) **SYNTHE AG CHUR** [CH/CH]; Grabenstrasse 15, CH-7002 Chur (CH).
(for all designated States except / pour tous les États désignés sauf CA US)

(71) **SYNTHE (U.S.A.)** [US/US]; 1690 Russell Road, P.O. Box 1766, Paoli, PA 19301-1222 (US).
(only for / seulement pour CA)

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

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

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

(11) **WO 98/52483** (13) A1
 (21) PCT/FR98/00979
 (22) **15 May/mai 1998 (15.05.1998)**
 (25) fr (26) fr
 (31) 97/06027 (32) **16 May/mai 1997 (16.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61B 17/70**

(54) ● IMPLANT FOR OSTEOSYNTHESIS DEVICE WITH HOOK
 ● IMPLANT POUR DISPOSITIF D'OSTEOSYNTHESE, DU TYPE A CROCHET

(71) **SCIENT'X** [FR/FR]; 6, avenue de Segur, F-75007 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALBY, Albert** [FR/FR]; 3, rue Verdi, F-75116 Paris (FR).

(74) **THIBAULT, Jean-Marc**; Cabinet Beau de Loménie, 51, avenue Jean Jaurès, Boîte postale 7073, F-69301 Lyon 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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 (31) 1162/97 (32) **20 May/mai 1997 (20.05.1997)** (33) CH

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61B 19/00, G02B 7/00, F16M 11/04**

(54) ● STAND, ESPECIALLY FOR AN OPERATION MICROSCOPE
 ● SUPPORT, NOTAMMENT POUR MICROSCOPE D'OPERATION

(71) **LEICA MIKROSKOPIE SYSTEME AG** [CH/CH]; Heinrich-Wild-Strasse, CH-9435 Heerbrugg (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHÜPBACH, Rolf** [CH/CH]; Stockstrasse 9, CH-9444 Diepoldsau (CH).

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

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(11) **WO 98/52485** (13) A1
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 (25) en (26) en
 (31) 08/859,380 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61B 19/00**

(54) ● ENERGY GUIDED APPARATUS AND METHOD

● APPAREIL GUIDE PAR FAISCEAU D'ENERGIE ET TECHNIQUE AFFERENTE

(71) **MINRAD INC.** [US/US]; 6576 East Quaker Street, Orchard Park, NY 14127 (US).

(72) **McNEIRNEY, John, C.**; 405 Dix-Lee-On Drive, Fairburn, GA 30213 (US). **LANDI, Michael, K.**; 85 Argonne Drive, Kenmore, NY 14217 (US).

(74) **JOHNSON, Christine** et al. / etc.; Hodgson, Russ, Andrews, Woods & Goodyear, 1800 One M & T Plaza, Buffalo, NY 14203-2391 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB 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 98/52486** (13) A1
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 (31) 08/858,615 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61C 5/08**

(54) ● FLEXIBLE POST IN A DENTAL POST AND CORE SYSTEM
 ● TENON SOUPLE DANS UN SYSTEME A TENON ET NOYAU ENDODONTIQUES

(71) **TRU-FLEX POST SYSTEMS, INC.** [US/US]; 210 Circle Road, Muttontown, NY 11791 (US).

(72) **SICURELLI, Robert, Jr.**; 210 Circle Road, Muttontown, NY 11791 (US). **MASYR, Samuel**; 415 Bay Ridge Parkway, Brooklyn, NY 11209 (US).

(74) **WALKER, Alfred, M.**; 225 Old Country Road, Melville, NY 11747 (US).

(81) AL AM AT AU AZ BA 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).

(11) **WO 98/52487** (13) A1
 (21) PCT/EP98/02904
 (22) **18 May/mai 1998 (18.05.1998)**
 (25) de (26) de
 (31) 1218/97 (32) **24 May/mai 1997 (24.05.1997)** (33) CH

(31) 1221/97 (32) **24 May/mai 1997 (24.05.1997)** (33) CH

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61C 8/00**

(54) ● SUPPORT FOR SUSTAINING AND/OR FORMING A DENTAL PROSTHESIS

● SUPPORT POUR MAINTENIR ET/OU FORMER UNE PROTHESE DENTAIRE

(71) **FRIATEC AKTIENGESELLSCHAFT** [DE/DE]; Steinzeugstrasse 50, D-68229 Mannheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUTTER, Franz** [CH/CH]; Bennwilerstrasse 42, CH-4435 Niederdorf (CH).

(74) **REBLE, KLOSE & SCHMITT**; Patente + Marken, Postfach 12 15 19, D-68066 Mannheim (DE).

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

(11) **WO 98/52488** (13) A1

(21) PCT/EP98/02905

(22) **18 May/mai 1998 (18.05.1998)**

(25) de (26) de

(31) 1219/97 (32) **24 May/mai 1997 (24.05.1997)** (33) CH

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61C 8/00**

(54) ● DENTAL IMPLANT AND DEVICE WITH A DENTAL IMPLANT

● IMPLANT DENTAIRE ET DISPOSITIF MUNI D'UN IMPLANT DENTAIRE

(71) **FRIATEC AKTIENGESELLSCHAFT** [DE/DE]; Steinzeugstrasse 50, D-68229 Mannheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUTTER, Franz** [CH/CH]; Bennwilerstrasse 42, CH-4435 Niederdorf (CH).

(74) **REBLE, KLOSE & SCHMITT**; Patente + Marken, Postfach 12 15 19, D-68066 Mannheim (DE).

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

(11) **WO 98/52489** (13) A1

(21) PCT/EP98/02955

(22) **20 May/mai 1998 (20.05.1998)**

(25) de (26) de

(31) 197 21 192.5 (32) **21 May/mai 1997 (21.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61C 8/00, A61F 2/28, A61B 17/80, A61L 31/00**

(54) ● BIOCOMPATIBLE BARRIER MEMBRANE
 ● MEMBRANE BARRIERE BIOCAMPATIBLE

(71, 72) **RISTIC, Dusan** [DE/DE]; Mittelstrasse 7, D-45549 Sprockhövel (DE).

(74) **MEINKE, DABRINGHAUS UND PARTNER**; Westenhellweg 67, D-44137 Dortmund (DE).

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

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(11) **WO 98/52490** (13) A1

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(31) 1220/97 (32) **24 May/mai 1997 (24.05.1997)** (33) CH

(31) 1222/97 (32) **24 May/mai 1997** (33) CH
(24.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61C 8/00, 13/265, 9/00**

(54) ● DEVICE FOR FORMING A DENTAL PROSTHESIS
● DISPOSITIF POUR REALISER UNE PROTHESE DENTAIRE

(71) **FRIATEC AKTIENGESELLSCHAFT** [DE/DE]; Steinzeugstrasse 50, D-68229 Mannheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUTTER, Franz** [CH/CH]; Bennwilerstrasse 42, CH-4435 Niederdorf (CH).

(74) **REBLE, KLOSE & SCHMITT**; Patente + Marken, Postfach 12 15 19, D-68066 Mannheim (DE).

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

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(22) **2 May/mai 1998 (02.05.1998)**

(25) de (26) de

(31) 197 22 989.1 (32) **25 May/mai 1997** (33) DE
(25.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61C 9/00**

(54) ● MOLD FOR PRODUCING A MODEL OF A TOOTH
● MOULE POUR LA PRODUCTION D'UN MOLELE DENTAIRE

(71, 72) **HAHN, Rainer** [DE/DE]; Schwabstrasse 11, D-72074 Tübingen (DE).

(74) **OSTERTAG, Ulrich** et al. / etc.; Eibenweg 10, D-70597 Stuttgart (DE).

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

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(11) **WO 98/52492** (13) A1

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(22) **14 May/mai 1998 (14.05.1998)**

(25) da (26) en

(31) 0572/97 (32) **16 May/mai 1997** (33) DK
(16.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61C 15/04**

(54) ● A DENTAL FLOSS PACKAGE
● EMBALLAGE DE FIL DENTAIRE

(71, 72) **WOLLESEN, Francis, Morten** [DK/DK]; Herluf Trollesgade 9, 5.th, DK-1052 Copenhagen K (DK).

(74) **HOLME, Edvard**; Holme Patent a/s, Vesterbrogade 20, 1620 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52493** (13) A1

(21) PCT/IL98/00219

(22) **14 May/mai 1998 (14.05.1998)**

(25) en (26) en

(31) 120892 (32) **22 May/mai 1997** (33) IL
(22.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61C 19/05**

(54) ● METHOD FOR OBTAINING A DENTAL OCCLUSION MAP
● PROCEDE D'OBTENSION D'UNE CARTE DES OCCLUSIONS DENTAIRES

(71) **CADENT LTD.** [IL/IL]; Hamelacha Street 14, 60372 Or Yehuda (IL).
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(72, 75) **KOPELMAN, Avi** [IL/IL]; Ido Street 8, 52233 Ramat-Chen (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52494** (13) A1

(21) PCT/US98/10440

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 08/862,200 (32) **23 May/mai 1997** (33) US
(23.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61F 2/04**

(54) ● A MODULAR PROSTHETIC CONDUIT AND METHOD OF SURGICAL IMPLANTATION
● CONDUIT PROTHETIQUE MODULAIRE ET PROCEDE D'IMPLANTATION CHIRURGI-CALE

(71, 72) **GRIFFITH, Donald, P.** [US/US]; 5696 Longmont Drive, Houston, TX 77056 (US).

(74) **REDANO, Richard, T.**; Rosenblatt & Redano, P.C., Suite 500, One Greenway Plaza, Houston, TX 77046 (US).

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

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(11) **WO 98/52495** (13) A1

(21) PCT/GB98/01418

(22) **15 May/mai 1998 (15.05.1998)**

(25) en (26) en

(31) 9709967.5 (32) **17 May/mai 1997** (33) GB
(17.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61F 2/06**

(54) ● VASCULAR PROSTHESIS
● PROTHESE VASCULAIRE

(71, 72) **HARRIS, Peter, Lyon** [GB/GB]; 17 Middlefield Road, Liverpool, Merseyside L18 3JR (GB).
HOW, Thien, Voon [GB/GB]; 19 Ince Road, Liverpool, Merseyside L23 4UE (GB).

(74) **ROYSTONS**; Tower Building, Water Street, Liverpool, Merseyside L3 1BA (GB).

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

(11) **WO 98/52496** (13) A1

(21) PCT/GB98/01440

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 9710366.7 (32) **20 May/mai 1997** (33) GB
(20.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61F 2/06**

(54) ● STENT DEPLOYMENT DEVICE
● DISPOSITIF DE DEPLOIEMENT D'UN TUTEUR

(71) **BIOCOMPATIBLES LIMITED** [GB/GB]; Frensham House, Farnham Business Park, Weydon Lane, Farnham, Surrey GU9 8QL (GB).
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(72, 75) **LAW, Brian, Robert** [GB/GB]; 11 Meadhurst Road, Leicester LE3 6FR (GB).
BARTLETT, Jeremy [GB/GB]; Biocompatibles Ltd., Frensham House, Farnham Business Park, Weydon Lane, Farnham, Surrey GU9 8QL (GB).
WOODROFFE, Matthew, John [GB/GB]; Biocompatibles Ltd., Frensham House, Farnham Business Park, Weydon Lane, Farnham, Surrey GU9 8QL (GB).
STRATFORD, Peter, William [GB/GB]; Biocompatibles Ltd., Frensham House, Farnham Business Park, Weydon Lane, Farnham, Surrey GU9 8QL (GB).
TARIAH, Ibim [GB/GB]; Biocompatibles Ltd., Frensham House, Farnham Business Park, Weydon Lane, Farnham, Surrey GU9 8QL (GB).
TAYLOR, Alistair, Stewart [GB/GB]; Biocompatibles Ltd., Frensham House, Farnham Business Park, Weydon Lane, Farnham, Surrey GU9 8QL (GB).
YIANNI, Yiannakis, Petrou [GB/GB]; Biocompatibles Ltd., 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52497** (13) A2

(21) PCT/US98/10415

(22) **21 May/mai 1998 (21.05.1998)**

(25) en (26) en

(31) 861,798 (32) **22 May/mai 1997** (33) US
(22.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61F 2/06**

- (54) ● VARIABLE EXPANSION FORCE STENT
● EXTENSEUR A FORCE D'EXPANSION VARIABLE

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

(72) **ST. GERMAIN, Jon, P.**; 18896 146th Street Northwest, Elk River, MN 55330 (US).

(74) **SEAGER, Glenn, M.** et al. / etc.; Crompton, Seager & Tufte, LLC, Suite 895, 331 Second Avenue South, Minneapolis, MN 55401 (US).

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

(11) **WO 98/52498** (13) A1

(21) PCT/DE98/01402

(22) **22 May/mai 1998 (22.05.1998)**

(25) de (26) de

(31) 197 21 661.7 (32) **23 May/mai 1997 (23.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61F 2/28, 2/30, A61L 27/00**

- (54) ● REPLACEMENT STRUCTURES FOR BONES AND CARTILAGE
● STRUCTURES POUR LE REMPLACEMENT DE L'OS OU DU CARTILAGE

(71, 72) **JANSSON, Volkmar** [DE/DE]; Frauwiesenberg 1a, D-82205 Gilching (DE). **ZIMMER, Markus** [DE/DE]; Reutbergstrasse 27, D-83666 Waakirchen (DE).

(74) **HAFT, VON PUTTKAMER, BERNGRUBER, CZYBULKA**; Franziskanerstrasse 38, D-81669 München (DE).

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

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(11) **WO 98/52499** (13) A1

(21) PCT/US98/10354

(22) **21 May/mai 1998 (21.05.1998)**

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(31) 08/861,094 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61F 2/38**

- (54) ● TRIAL FEMORAL PROSTHESIS FOR USE IN KNEE JOINT REPLACEMENT SURGERY
● PROTHESE FEMORALE D'ESSAI POUR CHIRURGIE DE REMPLACEMENT DE L'ARTICULATION DU GENOU

(71) **SMITH & NEPHEW, INC.** [US/US]; 1450 Brooks Road, Memphis, TN 38116 (US).

(72) **WHITESIDE, Leo, A.**; 3165 McKelvey Road, Bridgeton, MO 63044 (US). **BLAIN, Jason, D.**; Apartment 3511, 73373 Country Club Drive, Palm Desert, CA 92260 (US). **CARLS, Thomas, A.**; 4992 Princeton, Memphis, TN 38117 (US). **JOHNSON, Chris, E.**; 5030 Woodlark Avenue, Memphis, TN 38117 (US). **MELKENT, Anthony, J.**; 3203 Cowden, Memphis, TN 38111 (US). **WHEELER, Paul**; 6496 Brokenhickory Cove, Walls, MS 38680 (US).

(74) **KRIEGER, Paul, E.**; Fulbright & Jaworski L.L.P, Suite 1500, 1301 McKinney, Houston, TX 77010-3095 (US) et al. / etc.

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

(11) **WO 98/52500** (13) A1

(21) PCT/US98/10596

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 08/859,071 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61F 5/00**

- (54) ● LUMBOSACRAL SUPPORT BELTS AND METHOD
● CEINTURES DE SOUTIEN POUR LA REGION LOMBO-SACREE ET PROCEDE ASSOCIE

(71) **CORE PRODUCTS INTERNATIONAL, INC.** [US/US]; 808 Prospect Avenue, Osceola, WI 54020 (US).

(72) **MATTISON, Philip, H.**; 8540 215th Street North, Forest Lake, MN 55025 (US). **MATTISON, Douglas, W.**; 20855 Georgia Avenue North, Forest Lake, MN 55025 (US).

(74) **SIVERTSON, Wayne, A.** et al. / etc.; Nawrocki, Rooney & Sivertson, P.A., Suite 401, Broadway Place East, 3433 Broadway Street Northeast, Minneapolis, MN 55413-3009 (US).

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

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(11) **WO 98/52501** (13) A1

(21) PCT/US98/10242

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(31) 08/858,133 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61F 7/12**

- (54) ● DISPOSABLE BLADDER FOR INTRAUTERINE USE
● VESSIE JETABLE POUR UTILISATION INTRA-UTERINE

(71) **GYNELAB PRODUCTS, INC.** [US/US]; 36 Nashua Way, Ocala, FL 34482 (US).

(72) **SAADAT, Vahid**; 524 South Cascade Terrace, Sunnyvale, CA 94087 (US). **BOLDUC, Lee, R.**; 36 Nasua Way, Ocala, FL 34482 (US).

(74) **CEPURITIS, Talivaldis** et al. / etc.; Olson & Hierl, Ltd., 36th floor, 20 N. Wacker Drive, Chicago, IL 60606 (US).

(81) AU BR CA CN DK FI JP MX NO; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/52502** (13) A1

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(31) 08/858,383 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61F 9/007, A61B 10/00**

- (54) ● VITREOUS REMOVING APPARATUS
● APPAREIL D'EXTRACTION DU CORPUS VITRE

(71) **DUTCH OPHTHALMIC RESEARCH CENTER INTERNATIONAL B.V.** [NL/NL]; Oude Singel 2, NL-3211 BA Geervliet (NL).

(72) **VIJFVINKEL, Gerrit, Jan**; Oude Singel 2, NL-3211 BA Geervliet (NL).

(74) **HOLDCROFT, James, Gerald**; 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/52503** (13) A1

(21) PCT/US98/10359

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(31) 08/861,724 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61F 11/00**

- (54) ● EAR PHONE ASSEMBLY FOR USE WITH A HEARING SCREENER
● ENSEMBLE D'ECOUTEURS POUR DISPOSITIF DE DEPISTAGE DE LA SURDITE

(71) **NATUS MEDICAL, INC.** [US/US]; 1501 Industrial Road, San Carlos, CA 94070 (US).

(72) **SHEEHAN, Neil, J.**; Apartment 231, 2850 Middlefield Road, Palo Alto, CA 94306 (US). **STONE, Robert, T.**; 869 Cumberland Drive, Sunnyvale, CA 94087 (US).

(74) **ISACKSON, Robert, M.**; Orrick, Herrington & Sutcliffe LLP, 666 Fifth Avenue, New York, NY 10103 (US).

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

(11) **WO 98/52504** (13) A1

(21) PCT/US98/10393

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 08/861,725 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61F 11/00**

- (54) ● DISPOSABLE ELEMENT FOR USE WITH A HEARING SCREENER

- ELEMENT JETABLE UTILISE DANS UN DISPOSITIF DE DEPISTAGE AUDITIF
- (71) **NATUS MEDICAL, INC.** [US/US]; 1501 Industrial Road, San Carlos, CA 94070 (US).
- (72) **SHEEHAN, Neil, J.**; Apartment 231, 2850 Middlefield Road, Palo Alto, CA 94306 (US). **STONE, Robert, T.**; 869 Cumberland Drive, Sunnyvale, CA 94087 (US).
- (74) **ISACKSON, Robert, M.**; Orrick, Herrington & Sutcliffe LLP, 666 Fifth Avenue, New York, NY 10103 (US).
- (81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/52505** (13) A1
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(22) **14 May/mai 1998 (14.05.1998)**
(25) sv (26) en
(31) 9701869-1 (32) **20 May/mai 1997 (20.05.1997)** (33) SE
(43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **A61F 13/15, B29C 65/08, B32B 31/20**
- (54) ● AN ABSORBENT MULTILAYER MATERIAL AND A METHOD AND ARRANGEMENT FOR ITS MANUFACTURE
● MATERIAU MULTICOUCHE ABSORBANT, PROCEDE ET DISPOSITIF DE PRODUCTION DE CE MATERIAU
- (71) **MÖLNLYCKE HEALTH CARE AB** [SE/SE]; S-405 03 Göteborg (SE).
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- (72, 75) **JOHANNISON, Ulf** [SE/SE]; Eskilbyvägen 35, S-438 93 Landvetter (SE).
- (74) **HYLTNER, Jan-Olof** et al. / etc.; Noréns Patentbyrå AB, P.O. Box 10198, S-100 55 Stockholm (SE).
- (81) CA CN JP PL RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/52506** (13) A1
(21) PCT/US97/19115
(22) **20 Oct/oct 1997 (20.10.1997)**
(25) en (26) en
(31) 08/862,458 (32) **23 May/mai 1997 (23.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **A61F 13/15**
- (54) ● PERSONAL CARE ARTICLE WITH APERTURE ALIGNED FOR RECEIVING FECAL MATERIAL
● ARTICLE D'HYGIENE PERSONNELLE A OUVERTURE ALIGNEE POUR LA RECEPTION DES MATIERES FECALES
- (71) **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 North Lake Street, Neenah, WI 54956 (US).
- (72) **VOGT, Robert, Eugene**; 1121 Gay Drive, Neenah, WI 54956 (US). **SERBIAK, Paul, John**; 912 N. Cambridge Drive, Appleton, WI 54915 (US). **SAUER, Barbara, Oakley**; 8897 South Road, Fremont, WI 54940 (US).

- (74) **TUMM, Brian, R.**; Wilhelm Law Service SC, 3rd floor, 100 W. Lawrence Street, Appleton, WI 54911 (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 UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52507** (13) A1
(21) PCT/US98/10433
(22) **21 May/mai 1998 (21.05.1998)**
(25) en (26) en
(31) 60/047,440 (32) **22 May/mai 1997 (22.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **A61F 13/15, B32B 5/26, D04H 13/00**
- (54) ● COMPOSITE FABRIC FOR COVERSTOCK HAVING SEPARATE LIQUID IMPERVIOUS AND IMPERVIOUS REGIONS
● TISSU COMPOSITE POUR COUVERTURE COMPARTANT DES ZONES SEPARÉES PERMEABLES ET IMPERMEABLES AUX LIQUIDES
- (71) **BBA NONWOVENS SIMPSONVILLE, INC.** [US/US]; 840 S.E. Main Street, Simpsonville, SC 29681 (US).
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- (72, 75) **THOMAS, Harold, Edward** [US/US]; 5 St. Halaina Place, Greer, SC 29650 (US). **REEDER, James, O.** [US/US]; 19 Altarest Drive, Greenville, SC 29605 (US).
- (74) **LINKER, Raymond, O., Jr.** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52508** (13) A1
(21) PCT/JP98/02183
(22) **18 May/mai 1998 (18.05.1998)**
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(31) 9/128541 (32) **19 May/mai 1997 (19.05.1997)** (33) JP
(43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **A61G 5/04**
- (54) ● WHEEL CHAIR WITH AUXILIARY POWER
● FAUTEUIL ROULANT A ENERGIE AUXILIAIRE

- (71) **YAMAHA HATSUDOKI KABUSHIKI KAISHA** [JP/JP]; 2500, Shingai, Iwata-shi, Shizuoka 438-8501 (JP).
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- (72, 75) **OGATA, Hiroaki** [JP/JP]; Yamaha Hatsudoki Kabushiki Kaisha, 2500, Shingai, Iwata-shi, Shizuoka 438-8501 (JP). **TOKURA, Kenji** [JP/JP]; Yamaha Hatsudoki Kabushiki Kaisha, 2500, Shingai, Iwata-shi, Shizuoka 438-8501 (JP).
- (74) **YAMASHITA, Ryoichi**; Room 209, Ale Plaza Toyamada, 1-5, Toyama 1-chome, Shinjuku-ku, Tokyo 162-0052 (JP).
- (81) US; EP (CY DE DK FR GB NL SE).

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- (11) **WO 98/52509** (13) A1
(21) PCT/GB98/01472
(22) **21 May/mai 1998 (21.05.1998)**
(25) en (26) en
(31) 9710659.5 (32) **24 May/mai 1997 (24.05.1997)** (33) GB
(31) 9803727.8 (32) **23 Feb/fév 1998 (23.02.1998)** (33) GB
(43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **A61G 5/14**
- (54) ● AN IMPROVED MECHANISM FOR ELEVATING SEATS
● MECANISME AMELIORE PERMETTANT A DES SIEGES DE SE SOULEVER
- (71, 72) **SMITH, Karl, Wingett** [GB/GB]; Heckington House, Heckington, Sleaford, Lincolnshire NG34 9JD (GB). **BILLINGTON, Michael, John** [GB/GB]; The Mount, Knoll Road, Abergavenny, Gwent NP7 7AN (GB).
- (74) **DANIEL, Michael, Neil**; 4 Mill Street, Crickhowell, Powys NP8 1BA (GB).
- (81) AU CA MX NO NZ PL SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/52510** (13) A1
(21) PCT/DE98/01277
(22) **8 May/mai 1998 (08.05.1998)**
(25) de (26) de
(31) 197 21 456.8 (32) **22 May/mai 1997 (22.05.1997)** (33) DE
(43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **A61H 9/00**
- (54) ● MASSAGE DEVICE
● DISPOSITIF DE MASSAGE
- (71, 72) **MOLLA-AHMADI, Ali** [IR/DE]; Jagenbergstrasse 31, D-40597 Düsseldorf (DE).
- (74) **DEMSKI, HEESSEN, WEINGART**; Augustastrasse 15, D-40721 Hilden (DE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52511** (13) A1
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(31) 9710492.1 (32) **21 May/mai 1997 (33) GB (21.05.1997)**
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **A61H 9/00, A61M 1/08**
(54) ● NIPPLE EVERSION DEVICE
● DISPOSITIF D'EVERSION MAMELONNAIRE
- (71) **UNIVERSITY COLLEGE LONDON** [GB/GB]; Gower Street, London WC1E 6BT (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MANUSHAKIAN, Hagop, Samuel** [LB/GB]; University College Hospital, 1st floor, Charles Bell House, 67-73 Riding House Street, London W1P 7LD (GB).
- (74) **MOIR, Michael, Christopher** et al. / etc.; Mathys & Squire, 100 Grays Inn Road, London WC1X 8AL (GB).
- (81) AU CA JP NO US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/52512** (13) A1
(21) PCT/DE98/01393
(22) **20 May/mai 1998 (20.05.1998)**
(25) de (26) de
(31) 197 21 218.2 (32) **21 May/mai 1997 (33) DE (21.05.1997)**
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **A61H 23/00**
(54) ● USE OF A SOUND PULSE SOURCE
● UTILISATION D'UNE SOURCE SONORE IMPULSIONNELLE
- (71) **DORNIER MEDIZINTECHNIK GMBH** [DE/DE]; Industriestrasse 15, D-82110 Germering (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HERMEKING, Hajo** [DE/DE]; Spitzstrasse 16, D-82110 Germering (DE). **STOBER, Andrea** [DE/DE]; Feldrain 21, D-88682 Salem (DE). **UEBERLE, Friedrich** [DE/DE]; Martin Luther Weg 15, D-82205 Gilching (DE).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/52513** (13) A1
(21) PCT/JP98/02189
(22) **18 May/mai 1998 (18.05.1998)**
(25) ja (26) ja
(31) 9/170875 (32) **22 May/mai 1997 (33) JP (22.05.1997)**
(31) 9/170876 (32) **22 May/mai 1997 (33) JP (22.05.1997)**
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **A61H 35/00, A47K 3/22**
(54) ● BIDET
● BIDET
- (71) **MIHARA CO., LTD.** [JP/JP]; Urban Kit 3F, 4-11, Tachibana-dori, Higashi 1-chome, Miyazaki-shi, Miyazaki 880-0805 (JP).
- (72) **MIHARA, Kenji**; Mihara Co., Ltd., Urban Kit 3F, 4-11, Tachibana-dori, Higashi 1-chome, Miyazaki-shi, Miyazaki 880-0805 (JP).
- (74) **ETO, Akira**; Koyo Building, 2nd floor, 1-23, Asahi 1-chome, Miyazaki-shi, Miyazaki 880-0803 (JP).
- (81) AU BR CA CN ID KR MX NZ RU SG VN; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/52514** (13) A2
(21) PCT/US98/10505
(22) **22 May/mai 1998 (22.05.1998)**
(25) en (26) en
(31) 08/862,382 (32) **23 May/mai 1997 (33) US (23.05.1997)**
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **A61K**
(54) ● TREATMENT OF HEPATIC CIRRHOSIS
● TRAITEMENT DE LA CIRRHOSE HEPATIQUE
- (71) **HADASIT MEDICAL RESEARCH SERVICES AND DEVELOPMENT COMPANY LTD.** [IL/IL]; Kiryat Hadassah, 91120 Jerusalem (IL). **AGRICULTURAL RESEARCH ORGANIZATION** [IL/IL]; Ministry of Agriculture, The Vocani Center, 50250 Bet Dagan (IL).
- (71) **FRIEDMAN, Mark, M.** [US/IL]; Alharizi 1, 43406 Raanana (IL).
(only for / seulement pour TJ)
- (72) **PINES, Mark**; Pinsker 12B, 76308 Rehovot (IL). **NAGLER, Arnon**; Sderot 46, 74381 Jerusalem (IL).
- (74) **FRIEDMAN, Mark, M.**; c/o Castorina, Anthony, Suite 207, 2001 Jefferson Davis Highway, Arlington, VA 22202 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/52515** (13) A1
(21) PCT/AU98/00374
(22) **20 May/mai 1998 (20.05.1998)**
(25) en (26) en
(31) PO 6902 (32) **20 May/mai 1997 (33) AU (20.05.1997)**
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **A61K 7/06, 7/155**
(54) ● PREVENTION/RETARDATION OF HAIR GROWTH
● PREVENTION/RETARDEMENT DE LA POUSSÉ DES POILS
- (71) **KAHALE, Nadim** [AU/AU]; 70 Mountford Avenue, Guildford, NSW 2161 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **KAHALE, Laura** [LB/AU]; 70 Mountford Avenue, Guildford, NSW 2161 (AU).
- (72, 75) **NEARN, Malcolm** [AU/AU]; 3 Riverview Road, Kentlyn, NSW 2560 (AU).
- (74) **F.B. RICE & CO.**; 605 Darling 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/52516** (13) A1
(21) PCT/JP98/02162
(22) **15 May/mai 1998 (15.05.1998)**
(25) ja (26) ja
(31) 9/144704 (32) **19 May/mai 1997 (33) JP (19.05.1997)**
(31) 9/207246 (32) **16 Jul/juil 1997 (33) JP (16.07.1997)**
(31) 9/207248 (32) **16 Jul/juil 1997 (33) JP (16.07.1997)**
(31) 9/268070 (32) **12 Sep/sep 1997 (33) JP (12.09.1997)**
(31) 9/322093 (32) **7 Nov/nov 1997 (33) JP (07.11.1997)**
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **A61K 7/06, 35/78**
(54) ● SCALP CARE COMPOSITIONS
● COMPOSITIONS DE SOINS DU CUIR CHEVELU
- (71) **SHISEIDO COMPANY, LTD.** [JP/JP]; 5-5, Ginza 7-chome, Chuo-ku, Tokyo 104-8010 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SHIBATA, Yuki** [JP/JP]; Shiseido Research Center 1, Shiseido Company Ltd., 1050, Nippa-cho, Kohoku-ku, Yokohama-shi, Kanagawa 223-8553 (JP). **IDETA, Ritsuro** [JP/JP]; Shiseido Research Center 2, Shiseido Company, Ltd., 12-1, Fukuura 2-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0004 (JP). **SOMA, Tsutomu** [JP/JP]; Shiseido Research Center 2, Shiseido Company, Ltd., 12-1, Fukuura 2-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0004 (JP). **MORIYA, Yoshiaki** [JP/JP]; Shiseido Research Center 1, Shiseido Company, Ltd., 1050, Nippa-cho, Kohoku-ku, Yokohama-shi, Kanagawa 223-8553 (JP). **TSUJI, Yoshiharu** [JP/JP]; Shiseido Research Center 1, Shiseido Company, Ltd., 1050, Nippa-cho, Kohoku-ku, Yokohama-shi, Kanagawa 223-8553 (JP). **KOJIMA, Nao** [JP/JP]; Shiseido Company, Ltd., 5-5, Ginza 7-chome, Chuo-ku, Tokyo 104-8010 (JP). **IFUKU, Ohji** [JP/JP]; Shiseido Research Center 2, Shiseido Company, Ltd., 12-1, Fukuura 2-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0004 (JP).
- (74) **TAKANO, Toshihiko** et al. / etc.; 10-805, Shin Ogawa-machi 9-chome, Shinjuku-ku, Tokyo 162-0814 (JP).
- (81) CN KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/52517** (13) A1
(21) PCT/US98/08425

- (22) **13 May/mai 1998 (13.05.1998)**
 (25) en (26) en
 (31) 08/862,628 (32) **23 May/mai 1997 (23.05.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A61K 7/06**
 (54) ● HAIR FIXING COMPOSITION
 ● COMPOSITION DE LAQUE CAPILLAIRE
- (71) **COLGATE-PALMOLIVE COMPANY** [US/US]; 300 Park Avenue, New York, NY 10022 (US).
- (72) **HARDY, Eugene, E.**; 30 Brinckerhoff Avenue, Freehold, NJ 07728 (US). **PSIHOULES, Anthony**; 167 Bywater Way, Somerville, NJ 08876 (US).
- (74) **BARANCIK, Martin, B.**; 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/52518** (13) A1
 (21) PCT/US98/13425
 (22) **29 Jun/juin 1998 (29.06.1998)**
 (25) en (26) en
 (31) 60/051,418 (32) **2 Jul/juil 1997 (02.07.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A61K 7/06, 7/48**
 (54) ● METHODS FOR USING COMPOSITIONS CONTAINING DICHLOROPHENYL IMIDAZOLIDOXOLAN TO TREAT SEBORRHEIC DERMATITIS, DANDRUFF, PSORIASIS, AND ACNE, AND COMPOSITIONS THEREOF
 ● PROCEDES D'UTILISATION DE COMPOSITIONS CONTENANT DU DICHLOROPHENYLE IMIDAZOLIDOXOLANNE POUR TRAITER L'ECZEMA SEBORRHEIQUE, LES PELLICULES, LE PSORIASIS ET L'ACNE, ET LEURS COMPOSITIONS
- (71) **NEUTROGENA CORPORATION** [US/US]; 5760 West 96th Street, Los Angeles, CA 90045 (US).
- (72) **HO, Kie, L.**; P.O. Box 8025, Princeton, NJ 08543 (US). **CAUWENBERGH, Gerard, F.**; 10 Beechtree Lane, Plainsboro, NJ 08536 (US). **FERNANDEZ, Candelario, A.**; 8455 Fountain Avenue #520, West Hollywood, CA 90069 (US). **ODDS, Frank, C.**; Rozenlaan 52, B-2970 Schilde (BE).
- (74) **CIAMPORCERO, Audley, A.** et al. / etc.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08933-7003 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/52519** (13) A1
 (21) PCT/US98/10490
 (22) **22 May/mai 1998 (22.05.1998)**
 (25) en (26) en
 (31) 9710759.3 (32) **23 May/mai 1997 (23.05.1997)** (33) GB
- (31) 9710754.4 (32) **23 May/mai 1997 (23.05.1997)** (33) GB
 (31) 9710756.9 (32) **23 May/mai 1997 (23.05.1997)** (33) GB
 (31) 9710757.7 (32) **23 May/mai 1997 (23.05.1997)** (33) GB
 (31) 9710761.9 (32) **23 May/mai 1997 (23.05.1997)** (33) GB
- (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A61K 7/13**
 (54) ● HAIR COLOURING COMPOSITIONS AND THEIR USE
 ● COMPOSITIONS POUR COLORATION DE CHEVEUX ET LEUR UTILISATION
- (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) **PRATT, Dominic** [GB/GB]; 1 Burnham Grove, Bracknell, Berkshire RG42 2LJ (GB).
- (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).
- (81) AU BR CA CN JP KR MX US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/52520** (13) A1
 (21) PCT/US98/10498
 (22) **22 May/mai 1998 (22.05.1998)**
 (25) en (26) en
 (31) 9710757.7 (32) **23 May/mai 1997 (23.05.1997)** (33) GB
- (31) 9710754.4 (32) **23 May/mai 1997 (23.05.1997)** (33) GB
 (31) 9710756.9 (32) **23 May/mai 1997 (23.05.1997)** (33) GB
 (31) 9710759.3 (32) **23 May/mai 1997 (23.05.1997)** (33) GB
 (31) 9710761.9 (32) **23 May/mai 1997 (23.05.1997)** (33) GB
- (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A61K 7/13**
 (54) ● HAIR COLOURING METHODS
 ● PROCEDES DE COLORATION CAPILLAIRE
- (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) **PRATT, Dominic** [GB/GB]; 1 Burnham Grove, Bracknell, Berkshire RG42 2LJ (GB).
- (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).
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- (11) **WO 98/52521** (13) A1
 (21) PCT/US98/10499
 (22) **22 May/mai 1998 (22.05.1998)**
 (25) en (26) en
 (31) 9710756.9 (32) **23 May/mai 1997 (23.05.1997)** (33) GB
- (31) 9710754.4 (32) **23 May/mai 1997 (23.05.1997)** (33) GB
 (31) 9710757.7 (32) **23 May/mai 1997 (23.05.1997)** (33) GB
 (31) 9710759.3 (32) **23 May/mai 1997 (23.05.1997)** (33) GB
 (31) 9710761.9 (32) **23 May/mai 1997 (23.05.1997)** (33) GB
- (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A61K 7/13**
 (54) ● HAIR COLOURING COMPOSITIONS AND THEIR USE
 ● COMPOSITIONS POUR COLORATIONS CAPILLAIRES ET LEUR UTILISATION
- (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) **PRATT, Dominic** [GB/GB]; 1 Burnham Grove, Bracknell, Berkshire RG42 2LJ (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/52522** (13) A1
 (21) PCT/US98/10502
 (22) **22 May/mai 1998 (22.05.1998)**
 (25) en (26) en
 (31) 9710754.4 (32) **23 May/mai 1997 (23.05.1997)** (33) GB
- (31) 9710756.9 (32) **23 May/mai 1997 (23.05.1997)** (33) GB
 (31) 9710757.7 (32) **23 May/mai 1997 (23.05.1997)** (33) GB
 (31) 9710759.3 (32) **23 May/mai 1997 (23.05.1997)** (33) GB
 (31) 9710761.9 (32) **23 May/mai 1997 (23.05.1997)** (33) GB
- (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A61K 7/13**
 (54) ● HAIR COLOURING COMPOSITIONS AND THEIR USE
 ● COMPOSITIONS POUR COLORATIONS CAPILLAIRES ET LEUR UTILISATION

(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) **PRATT, Dominic** [GB/GB]; 1 Burnham Grove, Bracknell, Berkshire RG42 2LJ (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52523** (13) A1

(21) PCT/US98/10503

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 9710761.9 (32) **23 May/mai 1997 (23.05.1997)** (33) GB

(31) 9710754.4 (32) **23 May/mai 1997 (23.05.1997)** (33) GB

(31) 9710756.9 (32) **23 May/mai 1997 (23.05.1997)** (33) GB

(31) 9710757.7 (32) **23 May/mai 1997 (23.05.1997)** (33) GB

(31) 9710759.3 (32) **23 May/mai 1997 (23.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 7/13**

(54) ● HAIR COLOURING COMPOSITIONS AND THEIR USE
● COMPOSITIONS POUR COLORATIONS CAPILLAIRES ET LEUR UTILISATION

(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) **PRATT, Dominic** [GB/GB]; 1 Burnham Grove, Bracknell, Berkshire RG42 2LJ (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52524** (13) A1

(21) PCT/US98/09405

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 08/858,638 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 7/16**

(54) ● FLUORIDE FREE DENTAL REMINERALIZATION
● REMINÉRALISATION DENTAIRE SANS FLUORURE

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

(72) **ZHANG, Yun, Po**; 62 Nostrand Road, Hillsborough, NJ 08876 (US). **GAFFAR, Abdul**; 89 Carter Road, Princeton, NJ 08540 (US).

(74) **SHAPIRO, Paul**; 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52525** (13) A1

(21) PCT/AU98/00373

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) PO 6889 (32) **20 May/mai 1997 (20.05.1997)** (33) AU

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 7/42**

(54) ● SUNSCREEN COMPOSITION
● PRODUIT ANTISOLAIRE

(71) **SOLTEC RESEARCH PTY. LTD.** [AU/AU]; 8 Macro Court, Rowville, VIC 3178 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HALLS, Neil, Graham** [AU/AU]; 30 Stableford Avenue, Glen Waverley, VIC 3150 (AU).

(74) **WATERMARK PATENT & TRADEMARK ATTORNEYS**; 2nd floor, 290 Burwood Road, Hawthorn, VIC 3122 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52526** (13) A2

(21) PCT/EP98/02935

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 97201552.3 (32) **23 May/mai 1997 (23.05.1997)** (33) EP

(34) NL et al. / etc.

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 7/42**

(54) ● UV ABSORBENT COMPOSITIONS

● COMPOSITIONS ABSORBANT LES ULTRA-VIOLETS

(71) **UNICHEMA CHEMIE B.V.** [NL/NL]; Buurtje 1, NL-2802 BE Gouda (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LÜDER, Maria** [DE/NL]; Van Beresteijnstraat 9, NL-2811 XJ Reeuwijk (NL).

(74) **GEARY, Stephen** et al. / etc.; ICI Group Intellectual Property, P.O. Box 11, The Heath, Runcorn, Cheshire WA7 4QE (GB).

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

(11) **WO 98/52527** (13) A1

(21) PCT/GB98/01381

(22) **14 May/mai 1998 (14.05.1998)**

(25) en (26) en

(31) 97303459.8 (32) **21 May/mai 1997 (21.05.1997)** (33) EP

(34) GB et al. / etc.

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 7/46, 7/48**

(54) ● PERFUME FIXATIVES COMPRISING POLYVINYLPIRROLIDONE AND HYDROXY-PROPYL CELLULOSE

● FIXATEURS DE PARFUMS COMPRENANT DE LA POLYVINYLPIRROLIDONE ET DE L'HYDROXYPROPYLE CELLULOSE

(71) **QUEST INTERNATIONAL B.V.** [NL/NL]; Hui-zerstraatweg 28, NL-1411 GP Naarden (NL).
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(72, 75) **PERRING, Keith, Douglas** [GB/GB]; 14 Malvern Road, Ashford, Kent TN24 8HS (GB). **IRVING, Pamela, Virginia** [GB/GB]; 8 Calgary Crescent, Folkestone, Kent CT19 6JA (GB). **NESS, Jeremy, Nicholas** [GB/GB]; 25 High Snoad Wood, Challock, Ashford, Kent TN25 4DQ (GB). **TUCK, Kathleen, Mary**

(74) **HUMPHRIES, Martyn**; ICI Group Intellectual Property, P.O. Box 90, Wilton, Middlesbrough, Cleveland TS90 6JE (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 GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52528** (13) A1

(21) PCT/IB98/00695

(22) **11 May/mai 1998 (11.05.1998)**

(25) en (26) en

(31) 08/862,344 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 7/48, 7/06, 7/02, 7/42, 7/50**

- (54) ● COMPOSITIONS CONTAINING SELECT LIQUID POLYOL FATTY ACID POLYESTERS
- COMPOSITIONS CONTENANT DES POLYESTERS D'ACIDES GRAS DE POLYOLS LIQUIDES SELECTIONNES
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) **DRZEWIECKI, Paul, Joseph**; 3049 Socialville-Foster Road, Maineville, OH 45039 (US). **LISTRO, Joseph, Anthony**; 9680 Waterford Place #103, Loveland, OH 45140 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52529** (13) A1

(21) PCT/IB98/00782

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 08/863,089 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 7/48**

- (54) ● SKIN CARE COMPOSITIONS COMPRISING VITAMIN B3 AND A SKIN CONDITIONING COMPONENT
- COMPOSITIONS POUR LES SOINS DE LA PEAU, COMPRENANT DE LA VITAMINE B3 ET UN CONSTITUANT DE REVITALISATION DE LA PEAU

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

(72) **BOYD, Roberta, Atwood**; 2126 Berkshire Club Drive, Cincinnati, OH 45230 (US). **DECKNER, George, Endel**; 10572 Tanager Hills Drive, Cincinnati, OH 45249 (US). **SANOUEIRA, James, Pedrosa, Jr.**; 4 Kimmissy Court, Suffern, NY 10901 (US). **ZUKOWSKI, Joseph, Michael**; 3811 Drakewood Drive, Cincinnati, OH 45209 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52530** (13) A1

(21) PCT/IB98/00783

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 08/862,774 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 7/48, 7/00**

- (54) ● SKIN CARE COMPOSITIONS COMPRISING VITAMIN B3 AND A PRESERVATIVE
- COMPOSITIONS DE SOINS POUR LA PEAU COMPRENANT DE LA VITAMINE B3 ET UN CONSERVATEUR

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

(72) **ZUKOWSKI, Joseph, Michael**; 3811 Drakewood Drive, Cincinnati, OH 45209 (US). **DECKNER, George, Endel**; 10572 Tanager Hills Drive, Cincinnati, OH 45249 (US). **SANOUEIRA, James, Pedrosa, Jr.**; 4 Kimmissy Court, Suffern, NY 10901 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

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

(11) **WO 98/52531** (13) A1

(21) PCT/IB98/00787

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 08/862,345 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 7/48, 7/06**

- (54) ● COMPOSITIONS CONTAINING SELECT SOLID POLYOL FATTY ACID POLYESTERS
- COMPOSITIONS CONTENANT DES POLYESTERS SOLIDES SELECTIONNES A POLYOLS ET ACIDES GRAS

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

(72) **DRZEWIECKI, Paul, Joseph**; 3049 Socialville-Foster Road, Maineville, OH 45039 (US). **LISTRO, Joseph, Anthony**; 9680 Waterford Place #103, Loveland, OH 45140 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52532** (13) A1

(21) PCT/US98/09719

(22) **13 May/mai 1998 (13.05.1998)**

(25) en (26) en

(31) 08/862,739 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(31) 09/061,929 (32) **17 Apr/avr 1998 (17.04.1998)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 7/48, 7/42, 7/02, 7/00**

- (54) ● SKIN CARE COMPOSITIONS AND METHOD OF IMPROVING SKIN APPEARANCE
- COMPOSITIONS POUR SOINS DE LA PEAU ET PROCEDE POUR AMELIORER L'APPARENCE DE LA PEAU

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

(72) **DAWES, Nancy, Coultrip**; 11426 Kemperknoll Drive, Cincinnati, OH 45249 (US). **SANOUEIRA, James, Pedrosa, Jr.**; 4 Kimmissy Court, Suffern, NY 10901 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52533** (13) A1

(21) PCT/US98/09720

(22) **13 May/mai 1998 (13.05.1998)**

(25) en (26) en

(31) 08/862,776 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(31) 09/056,028 (32) **6 Apr/avr 1998 (06.04.1998)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 7/48, 7/42, 7/02**

- (54) ● SKIN CARE COMPOSITIONS AND METHOD OF IMPROVING SKIN APPEARANCE
- COMPOSITIONS POUR SOINS DE LA PEAU ET PROCEDE POUR AMELIORER L'APPARENCE DE LA PEAU

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

(72) **SINE, Mark, Richard**; 2631 East US 22 and 3, Morrow, OH 45152 (US). **SANOUEIRA, James, Pedrosa, Jr.**; 4 Kimmissy Court, Suffern, NY 10901 (US). **DAWES, Nancy, Coultrip**; 11426 Kemperknoll Drive, Cincinnati, OH 45249 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52534** (13) A1

(21) PCT/US98/09721

- (22) **13 May/mai 1998 (13.05.1998)**
 (25) en (26) en
 (31) 08/862,775 (32) **23 May/mai 1997 (23.05.1997)** (33) US
 (31) 09/061,509 (32) **17 Apr/avr 1998 (17.04.1998)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A61K 7/48, 7/42, 7/02**
 (54) ● SKIN CARE COMPOSITIONS AND METHOD OF IMPROVING SKIN APPEARANCE
 ● COMPOSITIONS POUR SOINS DE LA PEAU ET PROCEDE POUR AMELIORER L'APPARENCE DE LA PEAU
 (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
 (72) **SINE, Mark, Richard**; 2631 East US 22 and 3, Morrow, OH 45152 (US). **SaNOGUEIRA, James, Pedrosa, Jr.**; 4 Kimmissy Court, Suffern, NY 10901 (US). **DAWES, Nancy, Coultrip**; 11426 Kemperknoll Drive, Cincinnati, OH 45249 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52535** (13) A1
 (21) PCT/US98/09722
 (22) **13 May/mai 1998 (13.05.1998)**
 (25) en (26) en
 (31) 08/862,777 (32) **23 May/mai 1997 (23.05.1997)** (33) US
 (31) 09/062,178 (32) **17 Apr/avr 1998 (17.04.1998)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A61K 7/48**
 (54) ● SKIN CARE COMPOSITIONS AND METHOD OF IMPROVING SKIN APPEARANCE
 ● COMPOSITIONS POUR SOINS DE LA PEAU ET PROCEDE POUR AMELIORER L'APPARENCE DE LA PEAU
 (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
 (72) **SINE, Mark, Richard**; 2631 East US 22 and 3, Morrow, OH 45152 (US). **SaNOGUEIRA, James, Pedrosa, Jr.**; 4 Kimmissy Court, Suffern, NY 10901 (US). **DAWES, Nancy, Coultrip**; 11426 Kemperknoll Drive, Cincinnati, OH 45249 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52536** (13) A1
 (21) PCT/US98/10168
 (22) **18 May/mai 1998 (18.05.1998)**
 (25) en (26) en
 (31) 08/862,772 (32) **23 May/mai 1997 (23.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A61K 7/48**
 (54) ● SKIN CARE COMPOSITIONS
 ● COMPOSITIONS POUR SOINS CUTANES
 (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
 (72) **DECKNER, George, Endel**; 10572 Tanager Hills Drive, Cincinnati, OH 45249 (US). **SaNOGUEIRA, James, Pedrosa, Jr.**; 4 Kimmissy Court, Suffern, NY 10901 (US). **ZUKOWSKI, Joseph, Michael**; 3811 Drakewood Drive, Cincinnati, OH 45209 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52537** (13) A1
 (21) PCT/IB98/00785
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 (25) en (26) en
 (31) 08/861,750 (32) **22 May/mai 1997 (22.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A61K 7/50**
 (54) ● CLEANSING PRODUCTS WITH IMPROVED MOISTURIZATION
 ● PRODUITS DE NETTOYAGE A HYDRATATION AMELIOREE
 (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
 (72) **HASENOEHL, Erik, John**; 3809 Aylesboro Avenue, Cincinnati, OH 45208 (US). **ALBACARYS, Lourdes, Dessus**; 5819 Owl Nest Drive, West Chester, OH 45069 (US). **FOWLER, Timothy, John**; 4754 Kugler Mill Road, Cincinnati, OH 45236 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52538** (13) A1
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 (31) 08/861,748 (32) **22 May/mai 1997 (22.05.1997)** (33) US
 (31) 08/980,096 (32) **26 Nov/nov 1997 (26.11.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A61K 7/50**
 (54) ● CLEANSING PRODUCTS WITH IMPROVED MOISTURIZATION
 ● PRODUITS DE NETTOYAGE A HYDRATATION AMELIOREE
 (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
 (72) **WAGNER, Julie, Ann**; 2209 Woodacre Drive, Cincinnati, OH 45231 (US). **HASENOEHL, Erik, John**; 3809 Aylesboro Avenue, Cincinnati, OH 45208 (US). **FOWLER, Timothy, John**; 4754 Kugler Mill Road, Cincinnati, OH 45236 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52539** (13) A1
 (21) PCT/EP98/03167
 (22) **20 May/mai 1998 (20.05.1998)**
 (25) en (26) en
 (31) 9710521.7 (32) **22 May/mai 1997 (22.05.1997)** (33) GB
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A61K 9/00, 31/19**
 (54) ● PROCESS FOR MAKING FLURBIPROFEN LOZENGES
 ● PROCEDE DE PRODUCTION DE PASTILLES DE FLURBIPROFENE
 (71) **THE BOOTS COMPANY PLC** [GB/GB]; 1 Thane Road West, Nottingham NG2 3AA (GB). (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **DAY, Andrew** [GB/GB]; The Boots Company plc, 1 Thane Road West, Nottingham NG2 3AA (GB). **JONES, Huw, Lyn** [GB/GB]; The Boots Company plc, 1 Thane Road West, Nottingham NG2 3AA (GB). **SMITH, Carl, Simon** [GB/GB]; The Boots Company plc, 1 Thane Road West, Nottingham NG2 3AA (GB).
 (74) **THACKER, Michael, Anthony**; The Boots Company plc, Group Patents Dept., D31, 1 Thane Road West, Nottingham NG2 3AA (GB).

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

(11) **WO 98/52540** (13) A1

(21) PCT/EP98/03179

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 9710544.9 (32) **22 May/mai 1997 (22.05.1997)** (33) GB

(31) 9710527.4 (32) **22 May/mai 1997 (22.05.1997)** (33) GB

(31) 9710505.0 (32) **22 May/mai 1997 (22.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 9/00**

(54) ● PHARMACEUTICAL COMPOSITIONS
● COMPOSITIONS PHARMACEUTIQUES

(71) **THE BOOTS COMPANY PLC** [GB/GB]; 1 Thane Road West, Nottingham NG2 3AA (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BARRETT, David, Michael** [GB/GB]; The Boots Company PLC, 1 Thane Road West, Nottingham NG2 3AA (GB). **JONES, Huw, Lyn** [GB/GB]; The Boots Company PLC, 1 Thane Road West, Nottingham NG2 3AA (GB). **JONES, Idwal** [GB/GB]; The Boots Company PLC, 1 Thane Road West, Nottingham NG2 3AA (GB). **SMITH, Carl, Simon** [GB/GB]; The Boots Company PLC, 1 Thane Road West, Nottingham NG2 3AA (GB).

(74) **THACKER, Michael, Anthony**; The Boots Company PLC, Group Patents Dept., D31, 1 Thane Road West, Nottingham NG2 3AA (GB).

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

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(11) **WO 98/52541** (13) A1

(21) PCT/US98/08821

(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 60/047,217 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 9/00, 9/20**

(54) ● FAST-DISSOLVING TABLETS AND METHODS OF THEIR MANUFACTURE BY DIRECT COMPRESSION

● COMPRIMES A DISSOLUTION RAPIDE ET PROCEDE DE FABRICATION PAR COMPRESSION DIRECTE

(71) **WARNER-LAMBERT COMPANY** [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EOGA, Anthony, B., J.** [US/US]; 321 Rexland Drive, Boonton, NJ 07005 (US). **VALIA, Kirti, H.** [US/US]; 19 Allen Court, Plainsboro, NJ 08536 (US).

(74) **RYAN, M., Andrea**; Warner-Lambert Company, 201 Tabor Road, Morris Plains, NJ 07950 (US) et al. / etc.

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

(11) **WO 98/52542** (13) A1

(21) PCT/US98/10155

(22) **18 May/mai 1998 (18.05.1998)**

(25) en (26) en

(31) 9710496.2 (32) **21 May/mai 1997 (21.05.1997)** (33) GB

(31) 9803990.2 (32) **25 Feb/fév 1998 (25.02.1998)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 9/00, 31/48**

(54) ● MEDICINAL AEROSOL PRODUCTS
● PRODUITS MEDICINAUX POUR AEROSOLS

(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) **OLIVER, Martin, J.** [GB/GB]; 37 St. Leonards Road, Clarendon Park, Leicester LE2 1WS (GB). **FATANIA, Kanu, M.** [GB/GB]; 32 Leopold Street, Loughborough, Leicestershire LE11 5DL (GB). **SCOTT, John, S.** [GB/GB]; 12 Waver Close, Loughborough, Leicestershire LE11 2LG (GB). **MULLER, Helgert** [DE/DE]; Lerchental 1A, D-78315 Radolfzell (DE).

(74) **RINGSRED, Ted, K.** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(21) PCT/US98/10626

(22) **22 May/mai 1998 (22.05.1998)**

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(31) 08/862,740 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 9/10, 47/30**

(54) ● SEMI-INTERPENETRATING OR INTERPENETRATING POLYMER NETWORKS FOR DRUG DELIVERY AND TISSUE ENGINEERING

● RESEAUX DE POLYMERES ENCHEVETRES OU SEMI-ENCHEVETRES UTILISES POUR L'APPORT D'UN MEDICAMENT ET LA PRODUCTION DE TISSUS ARTIFICIELS

(71) **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US). **UNIVERSITY TECHNOLOGY CORPORATION** [US/US]; 3102 Iris Avenue, Boulder, CO 80301 (US). **THE GENERAL HOSPITAL CORPORATION** [US/US]; 55 Fruit Street, Boston, MA 02114 (US).

(72) **LANGER, Robert, S.**; 77 Lombard Street, Newton, MA 02158 (US). **ELISSEEFF, Jennifer, H.**; 59 Myrtle Street, Boston, MA 02114 (US). **ANSETH, Kristi**; 7464 Singing Hills Drive, Boulder, CO 80301 (US). **SIMS, Derek**; 224 Kennedy Drive, Malden, MA 02148 (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 GW HU ID IL IS JP KG KP KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA UZ VN YU; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52544** (13) A1

(21) PCT/SE98/09098

(22) **15 May/mai 1998 (15.05.1998)**

(25) en (26) en

(31) 9701956-6 (32) **23 May/mai 1997 (23.05.1997)** (33) SE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 9/16, 31/56**

(54) ● COMPOSITION COMPRISING FINELY DIVIDED, CRYSTALLINE PARTICLES OF BUDESONIDE

● COMPOSITION COMPRENANT DES PARTICULES DE BUDESONIDE CRISTALLINES FINEMENT DIVISEES

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

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

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(21) PCT/EP98/03180

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 9710632.2 (32) **22 May/mai 1997 (22.05.1997)** (33) GB(31) 9710525.8 (32) **22 May/mai 1997 (22.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 9/20, 9/08, 31/19**

(54) ● PHARMACEUTICAL COMPOSITIONS OF FLURBIPROFEN AND BURN-MASKING AGENT FOR TREATING SORE THROAT

● COMPOSITIONS PHARMACEUTIQUES A BASE DE FLURBIPROFENE ET D'UN AGENT DE MASQUAGE DE BRULURE POUR LE TRAITEMENT DE L'ANGINE

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

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(31) 08/861,485 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 9/20**

(54) ● USE OF ISOFLAVONOIDS IN THE TREATMENT OR PREVENTION OF POSTPARTUM DEPRESSION

● UTILISATION D'ISOFLAVONOIDES DANS LE TRAITEMENT ET LA PREVENTION DE LA DEPRESSION POSTPARTUM

(71, 72) **GORBACH, Sherwood, L.** [US/US]; 31 Perry Lane, Weston, MA 02193 (US).(74) **CLARK, Paul, T.**; Clark & Elbing LLP, 176 Federal Street, Boston, MA 02110-2214 (US).

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

(11) **WO 98/52547** (13) A1

(21) PCT/GB98/01513

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 9710699.1 (32) **24 May/mai 1997 (24.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 9/52**

(54) ● GASTRORETENTIVE CONTROLLED RELEASE MICROSPHERES FOR IMPROVED DRUG DELIVERY

● MICROSPHERES DE RETENTION GASTRIQUE A LIBERATION REGULEE ASSURANT UNE MEILLEURE ADMINISTRATION DE MEDICAMENTS

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

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(31) 197 21 580.7 (32) **23 May/mai 1997 (23.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 31/00**

(54) ● USE OF 1-AR(ALK)YL-IMIDAZOLIN-2-ONE FOR TREATING ANXIETY AND STRESS CONDITIONS

● UTILISATION DE 1-AR(ALK)YL-IMIDAZOLIN-2-ONE POUR LE TRAITEMENT DE L'ANGOISSE ET DU STRESS

(71) **ARZNEIMITTELWERK DRESDEN GMBH** [DE/DE]; Meissner Strasse 35, D-01445 Radebeul (DE).(72) **ROSTOCK, Angelika**; Böttgerstrasse 36, D-01129 Dresden (DE). **DOST, Rita**; Harthaer Strasse 36, D-01169 Dresden (DE). **TOBER, Christine**; Brückenstrasse 37, D-01689 Weinböhla (DE). **BARTSCH, Reni**; Stephensonstrasse 11, D-01257 Dresden (DE). **UNVERFERTH, Klaus**; Gerokstrasse 30, D-01307 Dresden (DE). **RUNDFELDT, Chris**; Melanchthonstrasse 11, D-01640 Coswig (DE).

(81) AU BG BR BY CA CN CZ GE HU IL JP KR LT LV MX NO NZ PL RO RU SG SK TR UA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/52549** (13) A2

(21) PCT/EP98/01894

(22) **1 Apr/avr 1998 (01.04.1998)**

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(31) 197 21 099.6 (32) **20 May/mai 1997 (20.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 31/00**

(54) ● USE OF FUMARIC ACID DERIVATIVES

● UTILISATION DE DERIVES D'ACIDE FUMARIQUE

(71) **FUMAPHARM AG** [CH/CH]; Seetalstrasse 5, CH-5630 Muri (CH). *(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **JOSHI, Rajendra, K.** [CH/CH]; Altstettstrasse 224, CH-8048 Zürich (CH). **STREBEL, Hans-Peter** [CH/CH]; Mattenweg 7, CH-5630 Muri (CH).(74) **SCHWABE, Hans-Georg** et al. / etc.; Stutzstrasse 16, D-81677 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(21) PCT/SE98/00954

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 9701912-9 (32) **22 May/mai 1997 (22.05.1997)** (33) SE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 31/075**

(54) ● PHARMACEUTICAL COMPOSITION AND USE THEREOF

● COMPOSITION PHARMACEUTIQUE ET UTILISATION DE CETTE COMPOSITION

(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) **BROHULT, Johan** [SE/SE]; Bergenhjelmvägen 19A, S-168 57 Bromma (SE). **KÄRNERUD, Lars** [SE/SE]; Sommarfågelvägen 2, S-560 27 Tenhult (SE).(74) **BERGVALL EFRING, Stina, Lena**; 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52551** (13) A1
(21) PCT/JP98/02242
(22) **21 May/mai 1998 (21.05.1998)**
(25) ja (26) ja
(31) 9/132398 (32) **22 May/mai 1997 (22.05.1997)** (33) JP
(31) 9/347989 (32) **17 Dec/déc 1997 (17.12.1997)** (33) JP
(43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **A61K 31/10, 31/11, 31/12, 31/135, 31/155, 31/165, 31/18, 31/19, 31/215, 31/335, 31/34, 31/35, 31/40, 31/44, 31/445, 31/47, 31/495, 31/505, 31/70, C07D 207/08, 207/408, 211/22, 213/32, 215/08, 233/61, 239/10, 239/58, 241/18, 251/38, 277/44, 295/12, 295/18, 295/22, 307/66, 309/04, 309/08, 309/30, 309/38, 317/22, 317/28, 319/06, 333/20, 521/00, C07H 15/18**
(54) ● BISARYL COMPOUNDS AND CANCER REMEDIES CONTAINING THE SAME
● COMPOSES BISARYLE ET REMEDES CONTRE LE CANCER CONTENANT CES COMPOSES
- (71) **KYOWA HAKKO KOGYO CO., LTD.** [JP/JP]; 6-1, Otemachi 1-chome, Chiyoda-ku, Tokyo 100-8185 (JP). **FUJI PHOTO FILM CO., LTD.** [JP/JP]; 210, Nakanuma, Minami-ashigara-shi, Kanagawa 250-0123 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YONETANI, Yoshiyuki** [JP/JP]; 2-2-2, Miwamidoriyama, Machida-shi, Tokyo 195-0055 (JP). **TAKAHASHI, Takeshi** [JP/JP]; 542-1, Honjuku, Nagaizumi-cho, Sunto-gun, Shizuoka 411-0945 (JP). **OKADA, Yuko** [JP/JP]; 4-17-9, Morino, Machida-shi, Tokyo 194-0022 (JP). **MI-ZUKAMI, Tamio** [JP/JP]; 2141-69, Honmachida, Machida-shi, Tokyo 194-0032 (JP). **TAMAOKI, Tatsuya** [JP/JP]; 2662-13, Honmachida, Machida-shi, Tokyo 194-0032 (JP). **IKEDA, Shun-ichi** [JP/JP]; 1-6-2, Sunamichi-cho, Sakai-shi, Osaka 590-0002 (JP). **TAKASHIMA, Masanobu** [JP/JP]; Fuji Photo Film Co., Ltd., Fujinomiya Research Laboratories, 200, Ohnakazato, Fujinomiya-shi, Shizuoka 418-8666 (JP). **ASANUMA, Naoki** [JP/JP]; Fuji Photo Film Co., Ltd., Ashigara Research Laboratories, 210, Nakanuma, Minami-ashigara-shi, Kanagawa 250-0123 (JP). **INABA, Tadashi** [JP/JP]; Fuji Photo Film Co., Ltd., Ashigara Research Laboratories, 210, Nakanuma, Minami-ashigara-shi, Kanagawa 250-0123 (JP). **TAKEUCHI, Hiroshi** [JP/JP]; Fuji Photo Film Co., Ltd., Ashigara Research Laboratories, 210, Nakanuma, Minami-ashigara-shi, Kanagawa 250-0123 (JP). **TSUKADA, Yoshihisa** [JP/JP]; Fuji Photo Film Co., Ltd., Ashigara Research Laboratories, 210, Nakanuma, Minami-ashigara-shi, Kanagawa 250-0123 (JP). **KITAGUCHI, Hiroshi** [JP/JP]; Fuji Photo Film Co., Ltd., Ashigara Research Laboratories, 210, Nakanuma, Minami-ashigara-shi, Kanagawa 250-0123 (JP).
- (74) **IMAMURA, Masazumi** et al. / etc.; Towa Yaesu 1-chome Building, 7th floor, 8-12, Yaesu 1-chome, Chuo-ku, Tokyo 103-0028 (JP).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- (11) **WO 98/52552** (13) A1
(21) PCT/US98/09905
(22) **22 May/mai 1998 (22.05.1998)**
(25) en (26) en
(31) 60/047,528 (32) **23 May/mai 1997 (23.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **A61K 31/155, 31/27, C07C 209/62, 269/06, 271/66, 277/08, 279/24**
(54) ● PROCESS FOR THE PREPARATION OF POLYAMINES AND POLYAMINE DERIVATIVES
● PROCEDE PERMETTANT DE PREPARER DES POLYAMINES ET DES DERIVES DE POLYAMINES
- (71) **CHEM-MASTER INTERNATIONAL, INC.** [US/US]; P.O. Box 563, East Setauket, NY 11733 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JOHNSON, Francis** [US/US]; Chem-Master International, Inc., P.O. Box 563, East Setauket, NY 11733 (US). **GUPTA, Ramesh, C.** [US/US]; Chem-Master International, Inc., P.O. Box 563, East Setauket, NY 11733 (US).
- (74) **MURRAY, Robert, B.**; Nikaido, Marmelstein, Murray & Oram LLP, Metropolitan Square, Suite 330, 655 15th Street, N.W., Washington, DC 20005-5701 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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(31) 60/047,249 (32) **21 May/mai 1997 (21.05.1997)** (33) US
(31) 08/998,262 (32) **24 Dec/déc 1997 (24.12.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **A61K 31/16, 31/40, 31/445, 31/535**
(54) ● METHODS FOR TREATMENT OF CONDITIONS ASSOCIATED WITH LACTOSYLCE-
RAMIDE
● PROCEDES DE TRAITEMENT D'ETATS ASSOCIES AU LACTOSYLCE-
RAMIDE
- (71) **JOHNS HOPKINS UNIVERSITY** [US/US]; 720 Rutland Avenue, Baltimore, MD 21205 (US).
- (72) **CHATTERJEE, Subroto**; 6098 Sebring Drive, Columbia, MD 21044 (US).
- (74) **CORLESS, Peter, F.** et al. / etc.; Dike, Bronstein, Roberts & Cushman, 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 GM GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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(31) 60/047,485 (32) **23 May/mai 1997 (23.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **A61K 31/16, 31/17, 31/165, C07C 233/05, 233/06, 233/13, 275/06, 275/26**
(54) ● SPIROCYCLOPROPYL FLUORENES AS MELATONERGIC AGENTS
● FLUORENES DE SPIROCYCLOPROPYLE UTILISES EN QUALITE D'AGENTS AMELIORANT LA SECRETION DE MELATONINE (MELATONERGIQUES)
- (71) **BRISTOL-MYERS SQUIBB COMPANY** [US/US]; 5 Research Parkway, Wallingford, CT 06492-7660 (US).
- (72) **LeBOULLUEC, Karen, L.**; P.O.Box 584, Durham, CT 06422 (US). **TAKAKI, Katherine, S.**; 162 Acorn Drive, Middletown, CT 06457 (US).
- (74) **ALGIERI, Aldo, A.**; Bristol-Myers Squibb Company, 5 Research Parkway, Wallingford, CT 06492-7660 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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(31) 197 21 470.3 (32) **22 May/mai 1997 (22.05.1997)** (33) DE
(43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **A61K 31/195**
(54) ● USE OF N-ACETYL-L-CYSTEINE FOR TREATING MALE INFERTILITY
● UTILISATION DE LA N-ACETYL-L-CYSTEINE POUR LE TRAITEMENT DE LA STERILITE MASCULINE
- (71, 72) **HENKEL, Ralf** [DE/DE]; Herrmannstrasse 79, D-35037 Marburg (DE).
- (72, 75) **OEDA, Tadashi** [JP/DE]; Herrmannstrasse 79, D-35037 Marburg (DE). **SCHILL, Wolf-Bernhard** [DE/DE]; Herrmannstrasse 79, D-35037 Marburg (DE). **OHMORI, Hiroyuki** [JP/DE]; Herrmannstrasse 79, D-35037 Marburg (DE).

(74) **BOETERS, Hans, D.** et al. / etc.; Bereiteranger 15, D-81541 Muenchen (DE).

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

(11) **WO 98/52556** (13) A1

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(22) **18 May/mai 1998 (18.05.1998)**

(25) en (26) en

(31) 9710351.9 (32) **20 May/mai 1997 (33) GB (20.05.1997)**

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 31/205, 31/70**

(54) ● **GLUCOSAMINE FATTY ACID COMPOSITIONS AND THEIR USE**
● **COMPOSITIONS DE GLUCOSAMINE ET D'ACIDE GRAS ET LEUR UTILISATION**

(71) **SCOTIA HOLDINGS PLC** [GB/GB]; Weyvern House, Weyvern Park, Portsmouth Road, Peasmarsh, Guildford, Surrey GU3 1NA (GB).
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(72, 75) **HORROBIN, David, Frederick** [GB/GB]; Laxdale Limited, Kings Park House, Laurelhill Business Park, Stirling FK7 9JQ (GB). **MANKU, Mehar, Singh** [GB/GB]; Scotia Pharmaceuticals, Research & Development Centre, Kingstown Broadway, Kingstown Industrial Estate, Carlisle CA3 0HA (GB). **McMORDIE, Austin** [GB/GB]; Scotia Pharmaceuticals, Research & Development Centre, Kingstown Broadway, Kingstown Industrial Estate, Carlisle CA3 0HA (GB).

(74) **FARWELL, William, Robert**; 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(22) **22 May/mai 1998 (22.05.1998)**

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(31) 9/170889 (32) **23 May/mai 1997 (33) JP (23.05.1997)**

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 31/34, C07D 307/79, 307/94**

(54) ● **2,3-DIHYDROBENZOFURAN DERIVATIVES**
● **DERIVES DE 2,3-DIHYDROBENZOFURANE**

(71) **CHUGAI SEIYAKU KABUSHIKI KAISHA** [JP/JP]; 5-1, Ukima 5-chome, Kita-ku, Tokyo 115-8543 (JP).
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(72, 75) **ISHIKAWA, Akira** [JP/JP]; Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1-chome, Gotenba-shi, Shizuoka 412-8513 (JP). **KATO, Yoshiaki** [JP/JP]; Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1-chome, Gotenba-shi, Shizuoka 412-8513 (JP). **TAMURA, Kunio** [JP/JP]; Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1-chome, Gotenba-shi, Shizuoka 412-8513 (JP). **TAKASHIMA, Yoshiaki** [JP/JP]; Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1-chome, Gotenba-shi, Shizuoka 412-8513 (JP). **CYNSEHI, Osamu** [JP/JP]; Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1-chome, Gotenba-shi, Shizuoka 412-8513 (JP).

(74) **SHAMOTO, Ichio** et al. / etc.; Yuasa and Hara, Section 206, New Ohtemachi Building, 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).

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

(11) **WO 98/52558** (13) A1

(21) PCT/US98/10375

(22) **21 May/mai 1998 (21.05.1998)**

(25) en (26) en

(31) 08/863,022 (32) **23 May/mai 1997 (33) US (23.05.1997)**

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 31/34, 31/38, 31/40**

(54) ● **INHIBITION OF p38 KINASE ACTIVITY BY ARYL UREAS**
● **INHIBITION DE L'ACTIVITE DE LA p38 KINASE PAR DES ARYL-UREES**

(63) US 08/863,022 (CIP)
23 May/mai 1997 (23.05.1997)

(71) **BAYER CORPORATION** [US/US]; 400 Morgan Lane, West Haven, CT 06516-4175 (US).
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(72, 75) **RANGES, Gerald** [US/US]; 39 Filbert Street, Hamden, CT 06517 (US). **SCOTT, William** [US/US]; 210 Saddle Hill Drive, Guilford, CT 06437 (US). **BOMBARA, Michael** [US/US]; 15 Shore Drive, Branford, CT 06405 (US). **RAUNER, Deborah** [US/US]; 18 Washington Avenue, Sandy Hook, CT 06482 (US). **REDMAN, Aniko** [HU/US]; 66 E. Street, Derby, CT 06418 (US). **SMITH, Roger** [CA/US]; 65 Winterhill Road, Madison, CT 06443 (US). **PAULSEN, Holger** [DE/DE]; D-42096 Wuppertal (DE). **CHEN, Jinsan** [US/DE]; D-42096 Wuppertal (DE). **GUNN, David** [US/US]; 40 Wood Street, Hamden, CT 06517 (US). **RENICK, Joel** [US/US]; 400 Morgan Lane, West Haven, CT 06516-4175 (US).

(74) **SHUBIN, Harry, B.** et al. / etc.; Millen, White, Zelano & Branigan, P.C., Suite 1400, 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52559** (13) A1

(21) PCT/US98/10376

(22) **21 May/mai 1998 (21.05.1998)**

(25) en (26) en

(31) 08/863,021 (32) **23 May/mai 1997 (33) US (23.05.1997)**

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 31/34, 31/38, 31/385, 31/40, 31/405, 31/415, 31/425, C07C 275/26, C07D 207/30, 209/08, 231/38, 277/44, 285/135, 307/52, 409/12, 411/12, 417/12**

(54) ● **RAF KINASE INHIBITORS**
● **INHIBITEURS DE RAF KINASE**

(63) US 08/863,021 (CIP)
23 May/mai 1997 (23.05.1997)

(71) **BAYER CORPORATION** [US/US]; 400 Morgan Lane, West Haven, CT 06516-4175 (US). **ONYX PHARMACEUTICALS** [US/US]; 3031 Research Drive, Richmond, CA 94806 (US).
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(72, 75) **WOOD, Jill, E.** [US/US]; 72 Pickwick Road, Hamden, CT 06517 (US). **WILD, Hanno** [DE/DE]; Ausblick 128, D-42133 Wuppertal (DE). **ROGERS, Daniel, H.** [AU/US]; 1333 Camino Septimo, San Diego, CA 92007 (US). **LYONS, John** [IE/US]; 2038 Ascot Drive #B, Moraga, CA 94556 (US). **KATZ, Michael, E.** [US/US]; 12 Huelstede Lane, Wallingford, CT 06492 (US). **CARINGAL, Yolanda, V.** [PH/US]; 14 Stone Ridge Lane, Branford, CT 06405 (US). **DALLY, Robert** [US/US]; 86 Allikat Way, East Haven, CT 06512 (US). **LEE, Wendy** [US/US]; 282 Evergreen Avenue, Hamden, CT 06518 (US). **SMITH, Roger, A.** [CA/US]; 65 Winterhill Road, Madison, CT 06443 (US). **BLUM, Cheri, L.** [US/US]; 3005 Madison Street, Alameda, CA 94501 (US).

(74) **SHUBIN, Harry, B.** et al. / etc.; Millen, White, Zelano & Branigan, P.C., Arlington Courthouse Plaza I, Suite 1400, 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52560** (13) A1

(21) PCT/US98/10608

(22) **21 May/mai 1998 (21.05.1998)**

(25) en (26) en

(31) 60/047,271 (32) **21 May/mai 1997 (33) US (21.05.1997)**

(31) 60/067,185 (32) **1 Dec/déc 1997 (33) US (01.12.1997)**

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 31/34**

(54) ● **METHOD FOR INCREASING THE CONCENTRATION OF ASCORBIC ACID IN BRAIN TISSUES OF A SUBJECT**
● **PROCEDE PERMETTANT D'AUGMENTER LA CONCENTRATION D'ACIDE ASCORBIQUE DANS LES TISSUS CEREBRAUX D'UN INDIVIDU**

- (71) **SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH** [US/US]; 1275 York Avenue, New York, NY 10021 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AGUS, David, B.** [US/US]; 9 Pierrepont Street, Brooklyn, NY 11201 (US). **VERA, Juan, C.** [CL/US]; Apartment 14C, 504 East 63rd Street, New York, NY 10021 (US). **GOLDE, David, W.** [US/US]; Apartment 10A, 402 East 64th Street, New York, NY 10021 (US).
- (74) **WHITE, John, P.**; Cooper & Dunham LLP, 1185 Avenue of the Americas, New York, NY 10036 (US).
- (81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/52561** (13) A1
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(31) PO 6933 (32) **22 May/mai 1997 (22.05.1997)** (33) AU
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **A61K 31/355, 31/22, 31/225, 31/19, 31/20, 31/01**
(54) ● CAROTENOID FORMULATION
● FORMULATION A BASE DE CAROTENOIDE
- (71) **HENKEL CORPORATION** [US/US]; Suite 150, 140 Germantown Pike, Plymouth Meeting, PA 19462 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHLIPALUIS, Lance** [AU/AU]; 4 Delta Avenue, Ashwood, VIC 3147 (AU). **STRAHAN, Michael** [AU/AU]; 151 Canterbury Road, Blackburn, VIC 3130 (AU). **HEALEY, David, X.** [AU/AU]; 107 North Valley Road, Highton, VIC 3192 (AU). **SZOKE, Ernest, G.** [US/US]; 205 West DeKalb Pike, King of Prussia, PA 19406 (US).
- (74) **REA, Teresa, Stanek**; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (US).
- (81) AU CN IL JP US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/52562** (13) A1
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(31) 9710698.3 (32) **24 May/mai 1997 (24.05.1997)** (33) GB
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **A61K 31/365**
(54) ● PHARMACEUTICAL COMPOSITION CONTAINING USCHARIDIN OR ITS ANALOGUES
● COMPOSITION PHARMACEUTIQUE CONTENANT DE L'USCHARIDINE OU SES ANALOGUES
- (71) **VERKAIK, Margaretha, Sophia, Elizabeth** [GB/GB]; Culdees, Fortingall, By Aberfeldy, Perthshire PH15 2LG (GB).
(for all designated States except / pour tous les États désignés sauf US)

- (71, 72) **ANAND, Chaman, Lal** [GB/GB]; 34 Vorlich Gardens, Bearsden, Glasgow G61 4QY (GB).
- (72, 75) **STIMSON, William, Howard** [GB/GB]; 7 Lawn Park, Fairways, Milngavie, Glasgow G62 6HG (GB). **GRAY, Alexander, Irvine** [GB/GB]; 48 Lochinver Drive, Cathcart, Glasgow G44 3NL (GB).
- (74) **MURGITROYD & COMPANY**; 373 Scotland Street, Glasgow G5 8QA (GB).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW 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 GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52563** (13) A1
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(31) 9/131319 (32) **21 May/mai 1997 (21.05.1997)** (33) JP
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **A61K 31/38, C07D 275/02, 275/03**
(54) ● REMEDIES FOR DEMENTIA OF ALZHEIMER TYPE CONTAINING γ -SULTAM DERIVATIVES
● REMEDES CONTRE LA DEMENCE DU TYPE ALZHEIMER CONTENANT DES DERIVES DE γ -SULTAME
- (71) **SHIONOGI & CO., LTD.** [JP/JP]; 1-8, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YAGAMI, Tatsuro** [JP/JP]; 1405, Gotanda, Oaza, Koka-cho, Koka-gun, Shiga 520-3423 (JP). **UEDA, Kei-ichi** [JP/JP]; 3-1-1, Futaba-cho, Toyonaka-shi, Osaka 561-0825 (JP).
- (74) **YAMAUCHI, Hideaki**; 12-4, Sagisu 5-chome, Fukushima-ku, Osaka-shi, Osaka 553-0002 (JP).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW 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 GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52564** (13) A1
(21) PCT/GB98/01465
(22) **21 May/mai 1998 (21.05.1998)**
(25) en (26) en
(31) 9710800.5 (32) **23 May/mai 1997 (23.05.1997)** (33) GB
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **A61K 31/44, 9/54, 9/30**
(54) ● BENZIMIDAZOLE PHARMACEUTICAL COMPOSITION AND PROCESS OF PREPARATION

- COMPOSITION PHARMACEUTIQUE CONTENANT DU BENZIMIDAZOLE ET PROCEDE DE PREPARATION
- (71) **CIPLA LIMITED** [IN/IN]; Bombay Central, Bombay 400 008 (IN).
(only for / seulement pour AT AU BE CA CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE)
- (71) **WAIN, Christopher, Paul** [GB/GB]; A.A. Thornton & Co., Northumberland House, 303-306 High Holborn, London WC1V 7LE (GB).
(only for / seulement pour MW)
- (72, 75) **HAMED, Yusuf, Khwaja** [IN/IN]; Windsor Villa, 2nd floor, Westfield Estate, Off. Bhulabhai Desai Road, Mumbai 400 026 (IN). **NAYAK, Vinay, G.** [IN/IN]; B38, Suryakiran Society, Senapati Bapat Road, Mahim, Mumbai 400 016 (IN). **MALHOTRA, Geena** [IN/IN]; 8 Anderson House, Opp. Mazgaon Dock P.O., Mazgaon, Mumbai 400 010 (IN).
- (74) **WAIN, Christopher, Paul** et al. / etc.; A.A. Thornton & Co., Northumberland House, 303-306 High Holborn, London WC1V 7LE (GB).
- (81) AU CA GB MW US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/52565** (13) A1
(21) PCT/US98/10289
(22) **19 May/mai 1998 (19.05.1998)**
(25) en (26) en
(31) 60/046,162 (32) **20 May/mai 1997 (20.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **A61K 31/44**
(54) ● SUBSTANCE DEPENDENCE TREATMENT USING OPIATE ANTAGONISTS AND SEROTONIN COMPOUNDS
● TRAITEMENT DE LA DEPENDANCE A CERTAINES SUBSTANCES A L'AIDE DE COMPOSES D'ANTAGONISTES D'OPIACES ET DE SEROTONINE
- (71) **YALE UNIVERSITY** [US/US]; Office of Cooperative Research, 155 Whitney Avenue, New Haven, CT 06520-8336 (US).
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- (72, 75) **KRISHNAN-SARIN, Suchitra** [IN/US]; 44 Laurelbrook Road, Durham, CT 06522 (US). **O'MALLEY, Stephanie** [US/US]; 40 Huntington Street, New Haven, CT 06511 (US). **FARREN, Conor** [US/US]; 365 Ridge Road, Hamden, CT 06517 (US).
- (74) **KRINSKY, Mary, M.**; 88 Prospect Street, New Haven, CT 06511-3797 (US).
- (81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/52566** (13) A1
(21) PCT/US98/10471
(22) **21 May/mai 1998 (21.05.1998)**
(25) en (26) en
(31) 60/051,012 (32) **21 May/mai 1997 (21.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **A61K 31/44, 9/00, 9/20**
(54) ● NON-SEDATING ACRIVASTINE PREPARATION
● PREPARATION D'ACRIVASTINE NON SEDATIVE

(71) **WARNER-LAMBERT COMPANY** [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US).

(72) **BOOTH, Anthony, R.**; 2 Chesterwoods Drive, Chester, NJ 07930 (US). **DICKSTEIN, Harvey**; 393 Beechwood Street, Cohasset, MA 02025 (US). **KOUP, Jeffrey**; 2714 Maitland Drive, Ann Arbor, MI 48105 (US).

(74) **RYAN, M., Andrea**; Warner-Lambert Company, 201 Tabor Road, Morris Plains, NJ 07950 (US) et al. / etc.

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

(11) **WO 98/52567** (13) A1

(21) PCT/US97/08378

(22) **20 May/mai 1997 (20.05.1997)**

(25) en (26) en

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 31/445, 31/24**

(54) ● METHOD FOR TREATING HEADACHE PAIN WITH TOPICAL LOCAL ANESTHETIC COMPOSITIONS

● PROCÉDE PERMETTANT DE TRAITER UN MAL DE TÊTE À L'AIDE DE COMPOSITIONS ANESTHÉSISQUES TOPIQUES

(71, 72) **CALDWELL, Larry, J.** [US/US]; 4146 Cranford Circle, San Jose, CA 95124 (US). **GALLER, Bradley, Stuart** [US/US]; 7409 Woodlawn Avenue, N.E., Seattle, WA 98115 (US).

(74) **BOZICEVIC, Karl** et al. / etc.; Bozicevic & Reed LLP, Suite 200, 285 Hamilton Avenue, Palo Alto, CA 94301 (US).

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

(11) **WO 98/52568** (13) A1

(21) PCT/EP98/02852

(22) **14 May/mai 1998 (14.05.1998)**

(25) en (26) en

(31) MI97A001190 (32) **21 May/mai 1997 (21.05.1997)** (33) IT

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 31/495**

(54) ● THE USE OF 1,2,4-TRIAZOLO[1,5-c]PYRIMIDINE HETEROCYCLIC ANALOGUES FOR THE PREPARATION OF MEDICAMENTS USEFUL FOR THE TREATMENT OF CEREBROVASCULAR DISTURBANCES

● UTILISATION D'ANALOGUES HÉTÉROCYCLIQUES DE 1,2,4-TRIAZOLO[1,5-c]PYRIMIDINE POUR LA PRÉPARATION DE MÉDICAMENTS S'UTILISANT DANS LE TRAITEMENT D'ACCIDENTS VASCULAIRES CÉRÉBRAUX

(71) **SCHERING-PLOUGH S.P.A.** [IT/IT]; Via Ripamonti, 90, I-20141 Milano (IT).

(72) **ONGINI, Ennio**; Residenza Sorgente, Milano 2, I-20090 Segrate (IT). **ADAMI, Marina**; Via Ferrandina, 12/A, I-20097 S. Donato Milanese (IT). **BERTORELLI, Rosalia**; Via Felice Romani, 3/A, I-20125 Milano (IT).

(74) **MINOJA, Fabrizio**; Studio Consulenza Brevetuale, Via Rossini, 8, I-20122 Milano (IT).

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

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(31) 60/049,947 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 31/505, 45/06**

(54) ● COMBINATION THERAPY FOR MODULATING THE HUMAN SEXUAL RESPONSE

● THÉRAPIE COMBINATOIRE PERMETTANT DE MODULER LA RÉPONSE SEXUELLE CHEZ UN PATIENT

(71) **ZONAGEN, INC.** [US/US]; A Delaware Corporation, 2408 Timberloch Place, B-4, The Woodlands, TX 77380 (US).

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(72, 75) **PODOLSKI, Joseph, S.** [US/US]; 3 Pebble Hollow Court, The Woodlands, TX 77381 (US).

(74) **CLOUGH, David, W.** et al. / etc.; Marshall, O'Toole, Gerstein, Murray & Borun, 6300 Sears Tower, 233 S. Wacker Drive, Chicago, IL 60606-6402 (US).

(81) AU BR CA CN IL JP KR MX NO NZ SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(25) en (26) en

(31) 9709945.1 (32) **17 May/mai 1997 (17.05.1997)** (33) GB

(31) 9719883.2 (32) **19 Sep/sep 1997 (19.09.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 31/52**

(54) ● ANTIVIRAL COMBINATIONS CONTAINING THE CARBOCYCLIC NUCLEOSIDE 1592U89

● COMBINAISONS ANTIVIRALES CONTENANT LE NUCLEOSIDE CARBOCYCLIQUE 1592U89

(71) **GLAXO GROUP LIMITED** [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).

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

(72, 75) **ST. CLAIR, Martha, Heider** [US/US]; Glaxo Wellcome Inc., Five Moore Drive, Research Triangle Park, NC 27709 (US). **BARRY, David, Walter** [US/US]; Triangle Pharmaceuticals, 4 University Place, 4611 University Drive, Durham, NC 27707 (US).

(74) **CRAWLEY, Karen**; Glaxo Wellcome plc, Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).

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

(11) **WO 98/52571** (13) A1

(21) PCT/EP98/02837

(22) **14 May/mai 1998 (14.05.1998)**

(25) en (26) en

(31) 9709945.1 (32) **17 May/mai 1997 (17.05.1997)** (33) GB

(31) 9719866.7 (32) **19 Sep/sep 1997 (19.09.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 31/52**

(54) ● ANTIVIRAL COMBINATIONS CONTAINING THE CARBOCYCLIC NUCLEOSIDE 1592U89

● COMBINAISONS ANTIVIRALES CONTENANT LE NUCLEOSIDE CARBOCYCLIQUE 1592U89

(71) **GLAXO GROUP LIMITED** [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).

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

(72, 75) **ST. CLAIR, Martha, Heider** [US/US]; Glaxo Wellcome Inc., Five Moore Drive, Research Triangle Park, NC 27709 (US). **BARRY, David, Walter** [US/US]; Triangle Pharmaceuticals, 4 University Place, 4611 University Drive, Durham, NC 27707 (US).

(74) **CRAWLEY, Karen**; Glaxo Wellcome plc, Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).

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

(11) **WO 98/52572** (13) A1

(21) PCT/US98/10494

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 60/047,642 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 31/54**

(54) ● USE OF TAUROLIDINE FOR TREATMENT OF LEUKEMIAS

● UTILISATION DE TAUROLIDINE POUR LE TRAITEMENT DE LEUCÉMIES

- (71) **OKLAHOMA MEDICAL RESEARCH FOUNDATION** [US/US]; 825 N.E. 13th Street, Oklahoma City, OK 73104 (US).
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- (72, 75) **MORRISSEY, James, H.** [US/US]; 228 W. Eubanks, Oklahoma City, OK 73118 (US). **HAMIK, Anne** [US/US]; 1020 N.W. 34th Street, Oklahoma City, OK 73118 (US).
- (74) **HANSEN, Eugenia, S.** et al. / etc.; Sidley & Austin, Suite 3400, 717 N. Harwood, Dallas, TX 75201-6507 (US).
- (81) AU CA JP US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (a)

- (11) **WO 98/52573** (13) A1
- (21) PCT/US98/10280
- (22) **20 May/mai 1998 (20.05.1998)**
- (25) en (26) en
- (31) 60/047,129 (32) **20 May/mai 1997 (20.05.1997)** (33) US
- (31) 60/080,389 (32) **2 Apr/avr 1998 (02.04.1998)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **A61K 31/56, 31/705, 35/78, 38/00**
- (54) ● TRITERPENE SAPONIN ANALOGS HAVING ADJUVANT AND IMMUNOSTIMULATORY ACTIVITY
● ANALOGUES DE LA SAPONINE TRITERPENIQUE A ACTIVITE D'ADJUVANT ET IMMUNOSTIMULATOIRE
- (71) **GALENICA PHARMACEUTICALS, INC.** [US/US]; Suite 310, 30 West Patrick Street, Frederick, MD 21701 (US).
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- (72, 75) **MARCIANI, Dante, J.** [US/US]; 2013 Countryridge Circle, Birmingham, AL 35243-4306 (US).
- (74) **FOX, Samuel, L.** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/52574** (13) A1
- (21) PCT/US98/10480
- (22) **21 May/mai 1998 (21.05.1998)**
- (25) en (26) en
- (31) 60/047,391 (32) **22 May/mai 1997 (22.05.1997)** (33) US
- (31) 09/082,762 (32) **21 May/mai 1998 (21.05.1998)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **A61K 31/59**
- (54) ● VITAMIN D ANALOGUES AND THEIR NEURONAL EFFECTS

- ANALOGUES DE VITAMINE D ET LEURS EFFETS SUR LES NEURONES

- (71, 72) **CARSWELL, Susan** [US/US]; 31 S. Providence Road, Wallingford, PA 19086 (US). **DOBZANSKI, Pawel** [PL/US]; 306 Pintail Circle, Downingtown, PA 19335 (US). **BINDERUP, Lise** [DK/DK]; Ludvig Hegners Allé 8A, DK-2630 Taastrup (DK). **BJÖRKLING, Fredrik** [SE/SE]; Gotlandsgatan 3, S-252 76 Helsingborg (SE). **MILLER, Matthew, S.** [US/US]; 2120 Dawn Lane, Newtown, PA 19940 (US).
- (74) **MILLER, Suzanne, E.** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52575** (13) A1
- (21) PCT/US98/10265
- (22) **20 May/mai 1998 (20.05.1998)**
- (25) en (26) en
- (31) 60/047,178 (32) **20 May/mai 1997 (20.05.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **A61K 31/65, 31/38, 31/415**
- (54) ● USE OF METALLOPROTEINASE INHIBITORS IN THE TREATMENT AND PREVENTION OF PULMONARY EMPHYSEMA
● UTILISATION D'INHIBITEURS DE LA PROTEINASE POUR LE TRAITEMENT DE L'EMPHYSEME PULMONAIRE
- (71) **THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK** [US/US]; West 116th Street and Broadway, New York, NY 10027 (US).
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- (72, 75) **D'ARMIENTO, Jeanine, M.** [US/US]; 116 Pinehurst Avenue, G-22, New York, NY 10033 (US). **CHADA, Kiran, K.** [US/US]; 268 Liberty Bell Court, North Brunswick, NJ 08902 (US).
- (74) **WHITE, John, P.**; Cooper & Dunham LLP, 1185 Avenue of the Americas, New York, NY 10036 (US).

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

Published / Publiée : (c)

- (11) **WO 98/52576** (13) A1
- (21) PCT/EP98/03175
- (22) **22 May/mai 1998 (22.05.1998)**
- (25) en (26) en
- (31) 97201513.5 (32) **21 May/mai 1997 (21.05.1997)** (33) EP
- (34) NL et al. / etc.
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **A61K 31/70**
- (54) ● USE OF GLUCOSAMINE AND GLUCOSAMINE DERIVATIVES FOR QUICK ALLEVIATION OF ITCHING OR LOCALIZED PAIN

- UTILISATION DE GLUCOSAMINE ET DE DERIVES DE GLUCOSAMINE POUR LE SOULAGEMENT RAPIDE DE PRURIT OU DE DOULEURS LOCALISEES

- (71) **NEW KEY FOODS N.V.** [BE/BE]; Volhardingstraat 29, B-2650 Edegem (BE).
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- (72, 75) **VANDEN BERGHE, Dirk, Andre, Richard** [BE/BE]; Heirweg 154, B-9270 Laarne (BE).
- (74) **VAN SOMEREN, Petronella, Francisca, Hendrika, Maria;** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52577** (13) A1
- (21) PCT/US98/10390
- (22) **22 May/mai 1998 (22.05.1998)**
- (25) en (26) en
- (31) 60/047,430 (32) **22 May/mai 1997 (22.05.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **A61K 31/70**
- (54) ● GANGLIOSIDE GM3 INDUCED APOPTOSIS OF NEURAL CELLS
● APOPTOSE DE CELLULES NEURONALES INDUITE PAR UN GANGLIOSIDE GM3
- (71) **CASE WESTERN RESERVE UNIVERSITY** [US/US]; 10900 Euclid Avenue, Cleveland, OH 44106 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MILLER, Robert, H.** [GB/US]; 2537 Edgemoor Road, Cleveland Heights, OH 44106 (US). **NOLL, Elizabeth** [US/US]; 227 Summit Avenue, W-309, Brookline, MA 02146 (US). **NAKASUJI, Yuji** [JP/US]; 2300 Overlook Road #716, Cleveland Heights, OH 44106 (US). **BLACK, Peter, McLaren** [CA/US]; 13 Louisburg Square, Boston, MA 02108 (US).

- (74) **MINNICH, Richard, J.**; Fay, Sharpe, Beall, Fagan, Minnich & McKee, 7th floor, 1100 Superior Avenue, Cleveland, OH 44114-2518 (US).

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

- (11) **WO 98/52578** (13) A1
- (21) PCT/EP98/02864
- (22) **14 May/mai 1998 (14.05.1998)**
- (25) en (26) en
- (31) 97870069.8 (32) **20 May/mai 1997 (20.05.1997)** (33) EP
- (34) BE et al. / etc.

- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **A61K 31/715**
- (54) ● FRUCTAN CONTAINING COMPOSITION FOR THE PREVENTION AND TREATMENT OF COLON CANCER
- COMPOSITION CONTENANT DU FRUCTOSANE POUR LA PREVENTION ET LE TRAITEMENT DU CANCER DU COLON ET PROCEDE PREVENTIF ET THERAPEUTIQUE DU CANCER DU COLON
- (71) **TIENSE SUIKERRAFFINADERIJ N.V.** [BE/BE]; Tervurenlaan 182, B-1150 Brussel (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VAN LOO, Jan** [BE/BE]; Lepelstraat 3, B-3000 Leuven (BE). **FRIPPIAT, Anne** [BE/BE]; Abeloeslaan 14, B-1933 Sterrebeek (BE).
- (74) **HERMANS, Johnny**; Tiense Suikerraffinaderij N.V., Aandorenstraat 1, B-3300 Tienen (BE).
- (81) AU CA CN ID JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/52579** (13) A1
- (21) PCT/US98/10506
- (22) **22 May/mai 1998 (22.05.1998)**
- (25) en (26) en
- (31) 08/863,015 (32) **23 May/mai 1997 (23.05.1997)** (33) US
- (31) 09/074,419 (32) **8 May/mai 1998 (08.05.1998)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **A61K 33/06, 31/38, 31/195, 31/19, 9/00**
- (54) ● OPHTHALMIC COMPOSITIONS CONTAINING A DIVALENT SALT AND A NON STEROIDAL ANTI-INFLAMMATORY DRUGS AS A PRECIPITATE
- COMPOSITIONS OHPHTALMIQUES CONTENANT UN SEL BIVALENT ET UN MEDICAMENT ANTI-INFLAMMATOIRE NON STEROIDIQUE SOUS FORME DE PRECIPITE
- (71) **INSITE VISION INCORPORATED** [US/US]; 965 Atlantic Avenue, Alameda, CA 94501 (US).
- (72) **BOWMAN, Lyle, M.**; 5135 Mount Tam Circle, Pleasanton, CA 94566 (US). **PFEIFFER, James, F.**; 2369 Thackery Drive, Oakland, CA 94611 (US). **MEMARZADEH, Eric, B.**; 574 Chestnut Street #6, San Carlos, CA 94070 (US). **ROY, Samir**; 7636 Northland Place, San Ramon, CA 94583 (US).
- (74) **FREED, Joel, M.** et al. / etc.; Howrey & Simon, 1299 Pennsylvania Avenue, N.W., Box 34, Washington, DC 20004-2402 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (11) **WO 98/52580** (13) A1
- (21) PCT/US98/08978
- (22) **7 May/mai 1998 (07.05.1998)**
- (25) en (26) en
- (31) 60/047,336 (32) **21 May/mai 1997 (21.05.1997)** (33) US
- (31) 60/081,740 (32) **15 Apr/avr 1998 (15.04.1998)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **A61K 33/22, 31/195, 31/16**
- (54) ● TREATING ASTHMA BY PREVENTING AND/OR ACCOMMODATING FOR S-NITROSOTHIOL BREAKDOWN
- TRAITEMENT DE L'ASTHME CONSISTANT A EMPECHER OU A INHIBER LA DECOMPOSITION DE S-NITROSOTHIOL
- (71) **DUKE UNIVERSITY** [US/US]; Office of Science and Technology, P.O. Box 90083, Durham, NC 27708-0083 (US). **THE MEDICAL COLLEGE OF WISCONSIN RESEARCH FOUNDATION, INC.** [US/US]; 8701 Watertown Plank Road, Milwaukee, WI 53226 (US). **UNIVERSITY OF VIRGINIA PATENT FOUNDATION** [US/US]; Suite 1-110, 1224 West Main Street, Charlottesville, VA 22903 (US).
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- (72, 75) **GASTON, Benjamin** [US/US]; UVA Pediatric Respiratory Medicine, KcKim P.O. Box 386, Charlottesville, VA 22908 (US). **STAMLER, Jonathan, S.** [US/US]; 3416 Juniper Drive, Chapel Hill, NC 27514 (US). **GRIFFITH, Owen, W.** [US/US]; 2781 North 71st Street, Milwaukee, WI 53210 (US).
- (74) **SPECTOR, Eric, S.**; Jones, Tullar & Cooper, P.C., P.O. Box 2266 Eads Station, Arlington, VA 22202 (US).
- (81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/52581** (13) A1
- (21) PCT/US98/10408
- (22) **20 May/mai 1998 (20.05.1998)**
- (25) en (26) en
- (31) 60/047,209 (32) **20 May/mai 1997 (20.05.1997)** (33) US
- (31) 60/047,233 (32) **20 May/mai 1997 (20.05.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **A61K 35/00, 48/00, C12N 15/63**
- (54) ● VECTORS AND METHODS FOR IMMUNIZATION OR THERAPEUTIC PROTOCOLS
- VECTEURS ET PROCEDES DESTINES A L'IMMUNISATION ET A DES PROTOCOLES THERAPEUTIQUES
- (63) US 60/047,209 (CIP)
US 20 May/mai 1997 (20.05.1997)
US 60/047,233 (CIP)
US 20 May/mai 1997 (20.05.1997)
- (71) **OTTAWA CIVIC HOSPITAL LOEB RESEARCH INSTITUTE** [CA/CA]; 725 Parkdale Avenue, Ottawa, Ontario K1Y 4E9 (CA). **UNIVERSITY OF IOWA RESEARCH FOUNDATION** [US/US]; 214 Technology Innovation Center, Oakdale Research Campus, Iowa City, IA 52242 (US). **QIAGEN GMBH** [DE/DE]; Max-Vomer-Strasse 4, D-40721 Hilden (DE).
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- (72, 75) **DAVIS, Heather, L.** [CA/CA]; Loeb Research Institute, Ottawa Civic Hospital, 1053 Carling Avenue, Ottawa, Ontario K1Y 4E9 (CA). **KRIEG, Arthur, M.** [US/US]; 890 Park Place, Iowa City, IA 52246 (US). **SCHORR, Joachim** [DE/DE]; Qiagen GmbH, Max-Vomer-Strasse 4, D-40721 Hilden (DE). **WU, Tong** [CA/CA]; Loeb Research
- Institute, Ottawa Civic Hospital, 1053 Carling Avenue, Ottawa, Ontario K1Y 4E9 (CA).
- (74) **HAILE, Lisa, A.**; 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/52582** (13) A2
- (21) PCT/US98/10575
- (22) **22 May/mai 1998 (22.05.1998)**
- (25) en (26) en
- (31) 08/862,550 (32) **23 May/mai 1997 (23.05.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **A61K 35/00**
- (54) ● NON-MYELOABLATIVE TOLEROGENIC TREATMENT
- TRAITEMENT TOLEROGENIQUE NON MYELOABLATIF
- (71) **HADASIT MEDICAL RESEARCH SERVICES AND DEVELOPMENT LTD.** [IL/IL]; Kiryat Hadassah, P.O. Box 12000, 91120 Jerusalem (IL). **BAXTER INTERNATIONAL INC.** [IL/US]; One Baxter Parkway, Deerfield, IL 60015 (US).
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- (72, 75) **SLAVIN, Shimon** [IL/IL]; HaOren Street 21, Ein-Karem, Jerusalem (IL). **PRIGOZHINA, Tatyana** [IL/IL]; Apartment 11, RehoHerzl 203, Rehovot (IL).
- (74) **ELLINGER, Mark, S.** et al. / etc.; Fish & Richardson P.C., P.A., Suite 3300, 60 South Sixth Street, Minneapolis, MN 55402 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/52583** (13) A1
- (21) PCT/US98/10758
- (22) **22 May/mai 1998 (22.05.1998)**
- (25) en (26) en
- (31) 08/862,513 (32) **23 May/mai 1997 (23.05.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **A61K 35/32**
- (54) ● NATURAL COMPOSITION FOR TREATING BONE OR JOINT INFLAMMATION
- COMPOSITION NATURELLE DESTINEE A TRAITER LES INFLAMMATIONS ARTICULAIRES
- (71, 72) **WEISMAN, Bernard** [US/US]; 17061 Windsor Park Court, Boca Raton, FL 33496-1634 (US).

(74) **FEIT, Irving, N.**; Hoffmann & Baron, LLP, 350 Jericho Turnpike, Jericho, NY 11753 (US).

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

(11) **WO 98/52584** (13) A1

(21) PCT/NL98/00292

(22) **25 May/mai 1998 (25.05.1998)**

(25) en (26) en

(31) 97201514.3 (32) **21 May/mai 1997 (21.05.1997)** (33) EP

(34) NL et al. / etc.

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 35/407, C12N 5/06, 5/08, C12Q 1/00**

(54) ● A METHOD TO INCREASE THE SURVIVAL OF TRANSPLANTED CELLS
● PROCEDE SERVANT A AUGMENTER LA SURVIE DE CELLULES TRANSPLANTEES

(71) **RIJKSUNIVERSITEIT TE LEIDEN [NL/NL]**; Stationsweg 46, NL-2312 AV Leiden (NL).
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(72, 75) **BRUIN, Jan, Antonie [NL/NL]**; Duiweg 4, NL-2243 EE Wassenaar (NL). **TERPSTRA, Onno [NL/NL]**; Zwetkade 30, NL-2649 SC Pijnacker (NL).

(74) **SMULDERS, Th., A., H., J.**; Verenigde 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/52585** (13) A1

(21) PCT/CA98/00494

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 2,206,047 (32) **23 May/mai 1997 (23.05.1997)** (33) CA

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 35/413, 45/06**

(54) ● IMMUNOMODULATING, BILE-DERIVABLE COMPOSITIONS FOR THE TREATMENT OF VIRAL DISORDERS
● COMPOSITIONS IMMUNOMODULATRICES POUVANT ETRE DERIVES DE LA BILE POUR LE TRAITEMENT DES TROUBLES D'ORIGINE VIRALE

(71) **IMUTEC PHARMA INC. [CA/CA]**; 1285 Morningside Avenue, Scarborough, Ontario M1B 3W2 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **PERCHESON, Paul [CA/CA]**; 4300 Concession 7, R.R. #4, Uxbridge, Ontario L9P 1R4 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/52586** (13) A1

(21) PCT/US98/10495

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 60/047,473 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 35/74, 38/51, 38/45**

(54) ● OXALATE-DEGRADING MICROORGANISMS OR OXALATE-DEGRADING ENZYMES FOR PREVENTING OXALATE RELATED DISEASE
● MICRO-ORGANISMES DECOMPOSANT L'OXALATE OU ENZYMES DECOMPOSANT L'OXALATE UTILES POUR PREVENIR DES MALADIES LIEES A L'OXALATE

(71) **IXION BIOTECHNOLOGY, INC. [US/US]**; 12085 Research Drive, Alachua, FL 32615 (US).

(72) **ALLISON, Milton, J.**; 1434 Linden Drive, Ames, IA 50010-5532 (US). **SIDHU, Harmeet**; 5611 N.W. 42nd Road, Gainesville, FL 32606 (US).

(74) **SALIWANCHIK, David, R.** et al. / etc.; Saliwanchik, Lloyd & Saliwanchik, Suite A-1, 2421 N.W. 41st Street, Gainesville, FL 32606 (US).

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

(11) **WO 98/52587** (13) A1

(21) PCT/CA97/00621

(22) **2 Sep/sep 1997 (02.09.1997)**

(25) en (26) en

(31) 2,206,012 (32) **23 May/mai 1997 (23.05.1997)** (33) CA

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 35/78**

(54) ● COMPOUNDS FOR THE TREATMENT AND PREVENTION OF DIABETES
● COMPOSES POUR LE TRAITEMENT ET LA PREVENTION DU DIABETE

(71) **EASTWOOD BIOMEDICAL RESEARCH INC. [CA/CA]**; Suite 1701, 1111 West Georgia Street, Vancouver, British Columbia V6E 4M3 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YOON, Ji-Won [CA/CA]**; 206 Edgewater Drive N.W., Calgary, Alberta T3A 4W9 (CA). **JUN, Hee-Sook [KR/CA]**; Apartment 1309, 3031 Hospital Drive N.W., Calgary, Alberta T2N 2T8 (CA).

(74) **SECHLEY, Konrad, A.** et al. / etc.; Gowling, Strathy & Henderson, Suite 2600, 160 Elgin Street, Ottawa, Ontario K1P 1C3 (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 IL IS JP KE KG KP KR KZ 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).

(11) **WO 98/52588** (13) A1

(21) PCT/JP98/02237

(22) **21 May/mai 1998 (21.05.1998)**

(25) ja (26) ja

(31) 9/131059 (32) **21 May/mai 1997 (21.05.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 35/78, 7/00, A23L 1/30**

(54) ● THERAPEUTIC AGENTS FOR RESPIRATORY DISEASES
● AGENTS THERAPEUTIQUES ADAPTES A DES AFFECTIONS RESPIRATOIRES

(71) **MEDION RESEARCH LABORATORIES INC. [JP/JP]**; 4-20-602, Minami-machi 3-chome, Suma-ku, Kobe-shi, Hyogo 654-0036 (JP).
(for all designated States except / pour tous les États désignés sauf JP US)

(71, 72) **TANAKA, Masaya [JP/JP]**; 4-20-602, Minami-machi 3-chome, Suma-ku, Kobe-shi, Hyogo 654-0036 (JP). **HIKI, Masato [JP/JP]**; 16-17, Miki-honmachi 3-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0005 (JP).
(only for / seulement pour JP US)

(74) **SAEGUSA, Eiji** et al. / etc.; Kitahama TNK Building, 1-7-1, Doshomachi, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).

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

(11) **WO 98/52589** (13) A1

(21) PCT/US98/08986

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 60/047,197 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 37/02, C07K 7/50, 9/00**

(54) ● ALKYLATED HEXAPEPTIDES
● HEXAPEPTIDES ALKYLES

(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) **THOMPSON, Richard, Craig [US/US]**; 900 West, 763 North County Road, Frankfort, IN 46041 (US). **WILKIE, Stephen, Charles [US/US]**; 8229 Quetico Drive, Indianapolis, IN 46268 (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 GM GW 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 GM 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 98/52590** (13) A2

(21) PCT/CA98/00448

(22) **11 May/mai 1998 (11.05.1998)**

(25) en (26) en

(31) 2,205,771 (32) **22 May/mai 1997 (22.05.1997)** (33) CA

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 38/00**

(54) ● IMPROVED DELIVERY OF DISEASE MODIFIERS
● ADMINISTRATION AMELIOREE DE MODIFICATEURS DE PATHOLOGIES

(71) **HYAL PHARMACEUTICAL CORPORATION** [CA/CA]; 2425 Skymark Avenue, Mississauga, Ontario L4W 4Y6 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TURLEY, Eva, Anne** [CA/CA]; 104-234 St. Clair Avenue West, Toronto, Ontario M4V 1R4 (CA).

(74) **HUGHES, Etigson**; Suite 200, 175 Commerce Valley Drive West, Thornhill, Ontario L3T 7P6 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52591** (13) A1

(21) PCT/US98/09056

(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 08/861,990 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 38/00, A01N 37/18, C07K 1/00, 14/00, 17/00**

(54) ● GLIAL CELL LINE-DERIVED NEUROTROPHIC FACTOR RECEPTORS
● RECEPTEURS DU FACTEUR NEUROTROPHIQUE DERIVE DE LIGNES DE CELLULES GLIALES

(71) **CEPHALON INC.** [US/US]; 145 Brandywine Parkway, West Chester, PA 19380 (US).

(72) **IBANEZ, Carlos, F.**; Västmannagatan 95, S-113 43 Stockholm (SE). **ARUMAE, Urmas**; 1604 Squire Drive, FIN-Helsinki (FI). **SARIOLA, Hannu**; Oravatie 15, FIN-00800 Helsinki (FI). **SUVANTO, Petro**; Neilikatie 4a4, FIN-01300 Vantaa (FI). **TRUPP, Miles**; Stagneliusvagen 30, S-125 29 Stockholm (SE). **SAARMA, Mart**; Kusosaaren Puistotie 36B 15, FIN-00570 Helsinki (FI).

(74) **MILLER, Suzanne, E.** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/52592** (13) A1

(21) PCT/US98/09131

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 60/047,196 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 38/00, C07K 9/00**

(54) ● UREA AND THIOUREA DERIVATIVES OF GLYCOPEPTIDES
● DERIVES UREE ET THIO-UREE DE GLYCOPEPTIDES

(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) **THOMPSON, Richard, Craig** [US/US]; 763 North County Road 900 West, Frankfort, IN 46041 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52593** (13) A1

(21) PCT/US98/10224

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 60/047,049 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 38/00, 38/28, 38/16, 39/00, 39/38, 31/495, 31/50, G01N 33/566, A01N 37/18, 43/58, 43/60**

(54) ● METHOD FOR ASSISTING IN DIFFERENTIAL DIAGNOSIS AND TREATMENT OF AUTISTIC SYNDROMES
● PROCEDE D'ASSISTANCE LORS DU DIAGNOSTIC DIFFERENTIEL ET DU TRAITEMENT DU SYNDROME DE L'AUTISME

(71) **UNIVERSITY OF MARYLAND BALTIMORE** [US/US]; 520 West Lombard Street, Baltimore, MD 21201 (US).

(72) **HORVATH, Karoly**; Apartment C, 6652 Sanzo Road, Baltimore, MD 21209 (US).

(74) **SMITH, Chalin, A.**; University of Maryland, Baltimore, Office of Research and Development, Suite 500, 515 West Lombard Street, Baltimore, MD 21201-1602 (US).

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

Published / Publiée : (c)

(11) **WO 98/52594** (13) A1

(21) PCT/FI98/00418

(22) **18 May/mai 1998 (18.05.1998)**

(25) en (26) en

(31) 972121 (32) **19 May/mai 1997 (19.05.1997)** (33) FI

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 38/04, 38/13, 38/21**

(54) ● COMPOSITIONS FOR ENHANCING IMMUNOSUPPRESSANTS' PHARMACEUTICAL ACTIVITIES
● COMPOSITIONS STIMULANT L'ACTIVITE PHARMACEUTIQUE DES IMMUNOSUPPRESSEURS

(71, 72) **ZAVIALOV, Vladimir Petrovich** [RU/RU]; Flat 12, Zavodskaya street, 10, Chekhov District, Moscow Region, Lyubuchany, 142380 (RU). **VA-SILENKO, Raisa Nikolaevna** [RU/RU]; Flat 49, Zavodskaya street, 4, Chekhov District, Moscow Region, Lyubuchany, 142380 (RU). **DOLGIKH, Dmitry Aleksandrovich** [RU/RU]; Flat 445, Bolshaya Serpukhovskaya street, 46, корпус 46, Moscow, 113093 (RU). **KIRPICHNIKOV, Mikhail Petrovich** [RU/RU]; Flat 52, Tverskaya street, 15, Moscow, 113000 (RU). **NAVOLOTS-KAYA, Elena Vitalievna** [RU/RU]; Flat 72, Microdistrict "G", 9, Moscow Region, Pushchino, 142292 (RU). **KORPELA, Timo, Kalevi** [FI/FI]; Kasarminkatu 5 as. 8, FIN-20500 Turku (FI).

(74) **KORPELA, Timo, Kalevi**; Kasarminkatu 5 as. 8, FIN-20500 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52595** (13) A1

(21) PCT/US98/10672

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 08/862,629 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 38/04**

(54) ● PEPTIDE NUCLEIC ACID MONOMERS AND OLIGOMERS
● MONOMERES ET OLIGOMERES D'ACIDE NUCLEIQUE PEPTIDIQUE

(63) US 08/862,629 (CIP)
23 May/mai 1997 (23.05.1997)

(71) **ISIS PHARMACEUTICALS, INC.** [US/US]; 2292 Faraday Avenue, Carlsbad, CA 92008 (US).
(only for / seulement pour AM AZ BY KG KZ MD RU TJ TM)

(71, 72) **NIELSEN, Peter, E.** [DK/DK]; Hjortevaenget 509, DK-2980 Kokkedal (DK).

- (72, 75) **HAAIMA, Gerald** [NZ/AU]; 12 Dempster Street, Toowong, QLD 4066 (AU). **ELDRUP, Anne, B.** [DK/DK]; Rolfs Plads 27, DK-2000 Frederiksberg (DK).
- (74) **CALDWELL, John, W.** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52596** (13) A1

(21) PCT/US98/09115

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 60/047,165 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 38/12, C07K 5/00, 7/00, 16/00, 17/00**

- (54) ● GLYCOPEPTIDE HEXAPEPTIDES
● HEXAPEPTIDES DE GLYCOPEPTIDES

(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) **THOMPSON, Richard, Craig** [US/US]; 763 North County Road, 900 West, Frankfort, IN 46041 (US). **WILKIE, Stephen, Charles** [US/US]; 8229 Quetico Drive, Indianapolis, IN 46268 (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 DE DK EE ES FI GB GE GH GM GW 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 GM 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 98/52597** (13) A1

(21) PCT/US98/10181

(22) **18 May/mai 1998 (18.05.1998)**

(25) en (26) en

(31) 60/047,080 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 38/17, 48/00, C12N 1/00, 5/10, 15/12, 15/63, C12Q 1/37, 1/68**

- (54) ● APOPTOSIS-INDUCING GELSOLIN SEQUENCES
● SEQUENCES DE GELSOLINE INDUISANT L'APOPTOSE

(71) **CHIRON CORPORATION** [US/US]; 4650 Horton Street, Emeryville, CA 94608-2916 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOTHIS, Kirston** [-/US]; 4650 Horton Street, Emeryville, CA 94608-2916 (US). **KOTHAKOTA, Srinivas** [-/US]; 4560 Horton Street,

Emeryville, CA 94608-2916 (US). **WILLIAMS, Louis, T.** [-/US]; 4650 Horton Street, Emeryville, CA 94608-2916 (US). **REINHART, Christoph** [-/US]; 4650 Horton Street, Emeryville, CA 94608-2916 (US).

(74) **SAVEREIDE, Paul, B.**; Chiron Corporation, Intellectual Property - R440, P.O. Box 8097, Emeryville, CA 94662-8097 (US).

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

(11) **WO 98/52598** (13) A1

(21) PCT/US98/10475

(22) **21 May/mai 1998 (21.05.1998)**

(25) en (26) en

(31) 08/859,767 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(31) 09/015,016 (32) **28 Jan/jan 1998 (28.01.1998)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 38/19, 35/14**

- (54) ● NOVEL ADMINISTRATION OF THROMBOPOIETIN
● NOUVEAU PROCEDE D'ADMINISTRATION DE THROMBOPOIETINE

(63) US 09/015,016 (CIP)
28 Jan/jan 1998 (28.01.1998)

(71) **GENENTECH, INC.** [US/US]; 1 DNA Way, South San Francisco, CA 94080-4990 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COHEN, Robert, L.** [US/US]; 660 Parrott Drive, San Mateo, CA 94402 (US). **EATON, Dan, L.** [US/US]; 75 Knight Drive, San Rafael, CA 94901 (US). **JONES, Andrew, J., S.** [GB/US]; 1416 Tarrytown Street, San Mateo, CA 94403 (US). **JONES, Dennie, V.** [US/US]; 2326 Ponce Avenue, Belmont, CA 94002 (US). **POWELL, Michael, F.** [US/US]; 531 Hugo Street, San Francisco, CA 94122 (US). **SWEENEY, Theresa, D.** [GB/US]; 1290 Columbus Street, El Granada, CA 94018 (US). **THOMAS, Griffith, R.** [US/US]; 812 Park Avenue, Burlingame, CA 94010 (US). **WAGEMAKER, Gerard** [NL/NL]; Adrianalaan 138, NL-3053 ME Rotterdam (NL).

(74) **SCHWARTZ, Timothy, R.** et al. / etc.; Genentech, Inc., 1 DNA Way, South San Francisco, CA 94080-4990 (US).

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

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(21) PCT/US98/10511

(22) **21 May/mai 1998 (21.05.1998)**

(25) en (26) en

(31) 08/862,480 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 38/22**

(54) ● ATRIAL NATRIURETIC PEPTIDE (ANP) AS AN ADDITIVE TO PERITONEAL DIALYSIS SOLUTIONS

- PEPTIDE NATRIURETIC ATRIAL (ANP) UTILISE COMME ADDITIF DE SOLUTIONS DE DIALYSE PERITONEALE

(71) **BAXTER INTERNATIONAL INC.** [US/US]; One Baxter Parkway, Deerfield, IL 60015 (US).

(72) **CHEN, Chi, J.**; 4 Overlook Drive, Hawthorn Woods, IL 60047 (US). **SHOCKLEY, Ty, R.**; 1236 Cavell Avenue, Highland Park, IL 60035 (US). **JOHNSTON, Miles, G.**; 1517 Rawlings Drive, Pickering, Ontario L1V 5A6 (CA).

(74) **BORECKI, Thomas, S.** et al. / etc.; Baxter Healthcare Corporation, One Baxter Parkway DF3-3E, Deerfield, IL 60015 (US).

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

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(11) **WO 98/52600** (13) A1

(21) PCT/CA98/00497

(22) **15 May/mai 1998 (15.05.1998)**

(25) en (26) en

(31) 60/046,754 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(31) 9715481.9 (32) **23 Jul/juil 1997 (23.07.1997)** (33) GB

(31) 09/059,504 (32) **13 Apr/avr 1998 (13.04.1998)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 38/26, 38/30, 38/27, 35/38, G01N 33/50, C12N 5/06, 5/08 // (A61K 38/30, 38:26) (A61K 38/27, 38:26) (A61K 38/26, 38:18)**

- (54) ● METHODS OF ENHANCING FUNCTIONING OF THE UPPER GASTROINTESTINAL TRACT
● METHODES PERMETTANT D'AMELIORER LE FONCTIONNEMENT DU TRACTUS GASTRO-INTESTINAL SUPERIEUR

(71) **1149336 ONTARIO INC.** [CA/CA]; 19 Fernwood Road, Toronto, Ontario M6B 3G3 (CA).

(72) **DRUCKER, Daniel, J.**; 19 Fernwood Road, Toronto, Ontario M6B 3G3 (CA).

(74) **AITKEN, David, W.**; Osler, Hoskin & Harcourt, Suite 1500, 50 O'Connor Street, Ottawa, Ontario K1P 6L2 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/52601** (13) A1

(21) PCT/US98/10364

(22) **20 May/mai 1998 (20.05.1998)**

- (25) en (26) en
- (31) 08/859,738 (32) **21 May/mai 1997** (33) US (21.05.1997)
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **A61K 38/43, 38/48, 38/49, 38/54, 39/00, 38/16, G01N 33/48**
- (54) ● CLEAVAGE OF FIBRIN(OGEN) AND CROSS-LINKED FIBRIN BY FIBRINOLYTIC MATRIX METALLOPROTEINASES
● RUPTURE DE FIBRINE/FIBRINOGENE ET FIBRINE RETICULEE PAR DES METALLOPROTEASES MATRICIELLES FIBRINOLYTIQUES
- (71) **THE NEW YORK BLOOD CENTER, INC.** [US/US]; 310 East 67th Street, New York, NY 10021 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BINI, Alessandra** [IT/US]; Apartment 3A, 238 East 81st Street, New York, NY 10028 (US).
- (74) **BARON, Ronald, J.** et al. / etc.; Hoffmann & Baron, LLP, 350 Jericho Turnpike, Jericho, NY 11753 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/52602** (13) A1
- (21) PCT/US98/10578
- (22) **22 May/mai 1998 (22.05.1998)**
- (25) en (26) en
- (31) 08/862,620 (32) **22 May/mai 1997** (33) US (22.05.1997)
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **A61K 38/47**
- (54) ● USE OF HYALURONIDASE IN THE MANUFACTURE OF AN OPHTHALMIC PREPARATION FOR LIQUEFYING VITREOUS HUMOR IN THE TREATMENT OF EYE DISORDERS
● UTILISATION DE L'HYALURONIDASE DANS LA FABRICATION D'UNE PREPARATION OPHTALMIQUE DESTINEE A FLUIDIFIER L'HUMEUR VITREUSE DANS LE TRAITEMENT DE CERTAINS TROUBLES OCULAIRES
- (63) US 08/862,620 (CIP)
Not furnished / non communiquée
- (71) **ADVANCED CORNEAL SYSTEMS, INC.** [US/US]; Suite 100, 15279 Alton Parkway, Irvine, CA 92618 (US).
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- (72, 75) **KARAGEOZIAN, Hampar, L.** [US/US]; 31021 Marbella Vista, San Juan Capistrano, CA 92675 (US). **KARAGEOZIAN, Vicken, H.** [US/US]; 31021 Marbella Vista, San Juan Capistrano, CA 92675 (US). **KENNEY, Maria, Cristina** [US/US]; 18128 Wakecrest Drive, Malibu, CA 90265 (US). **FLORES, Jose Luis Gutierrez** [MX/MX]; Avenida Emiliano Zapata 19208, Colonia Leyva Aleman, Mexico 22500 (MX). **ARAGON, Gabriel Arturo Carpio** [MX/MX]; Avenida Amado Paniagua 200-302, Colonia Aviacion, Mexico 22420 (MX). **NESBURN, Anthony, B.** [US/US]; 18128 Wakecrest Drive, Malibu, CA 90265 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (11) **WO 98/52603** (13) A2
- (21) PCT/EP98/03050
- (22) **22 May/mai 1998 (22.05.1998)**
- (25) en (26) en
- (31) 97108390.2 (32) **23 May/mai 1997** (33) EP (23.05.1997)
- (34) DE et al. / etc.
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **A61K 39/165, 39/145, 9/127, 48/00**
- (54) ● AN INFLUENZA ENVELOPED DNA VACCINE
● VACCIN COMPRENANT DE L'ADN A ENVELOPPE DU VIRUS DE LA GRIPPE
- (71) **SCHWEIZ. SERUM- & IMPFINSTITUT BERN** [CH/CH]; Postfach 2707, CH-3001 Bern (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CUSI, Maria, Grazia** [IT/IT]; Via B. Buozzi, 61, I-53100 Siena (IT). **GLÜCK, Reinhard** [CH/CH]; Chassergrasse 156, CH-3095 Bern-Spiegel (CH). **WALTI, Ernst** [CH/CH]; Moosgasse 84, CH-3053 Münchenbuchsee (CH).
- (74) **VOSSIUS & PARTNER**; P.O. Box 86 07 67, D-81634 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/52604** (13) A1
- (21) PCT/EP98/03056
- (22) **22 May/mai 1998 (22.05.1998)**
- (25) en (26) en
- (31) 97108403.3 (32) **23 May/mai 1997** (33) EP (23.05.1997)
- (34) AT et al. / etc.
- (31) 97120941.6 (32) **28 Nov/nov 1997** (33) EP (28.11.1997)
- (34) AT et al. / etc.
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **A61K 39/39 // C07K 14/315, 14/77, 19/00**
- (54) ● THERAPEUTIC OR PROPHYLACTIC USE OF FIBRONECTIN-BINDING PROTEIN I (SFB) AS ADJUVANT
● COMPOSITION THERAPEUTIQUE OU PROPHYLACTIQUE COMPRENANT UNE PROTEINE I DE LIAISON A LA FIBRONECTINE (SFB) EN TANT QU'ADJUVANT
- (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) **MEDINA, Eva** [ES/DE]; Mascheroder Weg 1, D-38124 Braunschweig (DE). **CHHATWAL, Gursharan, S.** [IN/DE]; Mascheroder Weg 1, D-38124 Braunschweig (DE). **GUZMAN, Carlos, A.** [IT/DE]; Mascheroder Weg 1, D-38124 Braunschweig (DE).
- (74) **BOETERS, Hans, D.** et al. / etc.; Boeters & Bauer, Bereiteranger 15, D-81541 München (DE).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/52605** (13) A1
- (21) PCT/JP98/02172
- (22) **18 May/mai 1998 (18.05.1998)**
- (25) en (26) en
- (31) 9/145920 (32) **19 May/mai 1997** (33) JP (19.05.1997)
- (31) 9/142461 (32) **30 May/mai 1997** (33) JP (30.05.1997)
- (31) 9/316285 (32) **30 Oct/oct 1997** (33) JP (30.10.1997)
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **A61K 39/39, 9/00**
- (54) ● IMMUNOPOTENTIATING COMPOSITION
● COMPOSITION IMMUNOSTIMULANTE
- (71) **SUMITOMO PHARMACEUTICALS COMPANY, LIMITED** [JP/JP]; 2-8, Doshomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-8510 (JP). **THE UNIVERSITY OF MELBOURNE** [AU/AU]; Parkville, VIC 3052 (AU). **KOKEN CO., LTD.** [JP/JP]; 5-18, Shimo-Ochiai 3-chome, Shinjuku-ku, Tokyo 161-0033 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FUJIOKA, Keiji** [JP/JP]; 30-25, Midorigaoka 1-chome, Toyonaka-shi, Osaka 560-0002 (JP). **SANO, Akihiko** [JP/JP]; 7-22, Uenonishi 1-chome, Toyonaka-shi, Osaka 560-0011 (JP). **NAGAHARA, Shunji** [JP/JP]; 15-14, Arakawa 2-chome, Higashiosaka-shi, Osaka 577-0843 (JP). **BRANDON, Malcolm, Roy** [AU/AU]; 14 Castella Street, Ivanhoe East, Melbourne, VIC 3079 (AU). **NASH, Andrew, Donald** [AU/AU]; 24 Green Street, Northcote, Melbourne, VIC 3070 (AU). **LOFTHOUSE, Shari** [AU/AU]; 2132 Woolhouse Street, Northcote, Melbourne, VIC 3070 (AU).
- (74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/52606** (13) A1
- (21) PCT/US98/10075
- (22) **15 May/mai 1998 (15.05.1998)**
- (25) en (26) en

- (31) 60/046,791 (32) **17 May/mai 1997** (33) US (17.05.1997)
- (31) 60/049,389 (32) **11 Jun/juin 1997** (33) US (11.06.1997)
- (31) Not furnished / non communiqué (32) **12 May/mai 1998** (33) US (12.05.1998)
- (43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 39/395, 38/17, 31/57, 31/445, 38/13 // (A61K 39/395, 38:13) (A61K 39/395, 31:57) (A61K 39/395, 31:445) (A61K 38/17, 38:13) (A61K 38/17, 31:57) (A61K 38/17, 31:445)**

- (54) ● USE OF A CD40:CD154 BINDING INTERRUPTOR TO PREVENT COUNTER ADAPTIVE IMMUNE RESPONSES, PARTICULARLY GRAFT REJECTION
- UTILISATION D'UN INTERRUPTEUR DE FIXATION CD40:CD154 POUR PREVENIR LES REPONSES IMMUNITAIRES INDESIRABLES, EN PARTICULIER LE REJET DE GREFFE

- (63) US Not furnished / non communiqué (CON) 12 May/mai 1998 (12.05.1998)
- US 60/046,791 (CON)
- US 17 May/mai 1997 (17.05.1997)
- US 60/049,389 (CON) 11 Jun/juin 1997 (11.06.1997)

(71) **BIOGEN, INC.** [-/US]; 14 Cambridge Center, Cambridge, MA 02142 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIRK, Allan, D.** [-/US]; Madison, WI (US).
HARLAN, David, M. [-/US]; Bethesda, MD (US).
THOMAS, David [-/US]; Houston, TX (US).
KAUFFMAN, Michael [-/US]; Jamaica Plain, MA 02139-4618 (US).
BURKLY, Linda [-/US]; West Newton, MA 02165 (US).

(74) **FENTON, Gillian, M.**; Biogen, Inc., 14 Cambridge Center, Cambridge, MA 02142 (US).

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

(11) **WO 98/52607** (13) A1

(21) PCT/US98/10555

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 08/863,079 (32) **23 May/mai 1997** (33) US (23.05.1997)

(31) 08/991,862 (32) **16 Dec/déc 1997** (33) US (16.12.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 39/395, 31/70, A01N 43/04**

- (54) ● 88KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
- FACTEUR DE CROISSANCE TUMORIGENE ET ANTAGONISTES DE 88KDA

(71, 72) **SERRERO, Ginette** [FR/US]; 10200 Savoy Court, Ellicott City, MD 21042 (US).

(74) **BRADY, James, W., Jr.**; Dickstein Shapiro Morin & Oshinsky LLP, 2101 L Street, N.W., Washington, DC 20037 (US).

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

(11) **WO 98/52608** (13) A1

(21) PCT/CA98/00484

(22) **15 May/mai 1998 (15.05.1998)**

(25) en (26) en

(31) 08/856,921 (32) **16 May/mai 1997** (33) US (16.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 41/00**

- (54) ● GREEN PORPHYRINS AS IMMUNOMODULATORS
- PORPHYRINES VERTES UTILISEES COMME IMMUNOMODULATEURS

(71) **QLT PHOTOTHERAPEUTICS, INC.** [CA/CA]; 520 West 6th Avenue, Vancouver, British Columbia V5Z 4H5 (CA).
THE UNIVERSITY OF BRITISH COLUMBIA [CA/CA]; 2194 Health Science Mall, Vancouver, British Columbia V6T 1Z3 (CA).
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(72, 75) **CHAN, Agnes** [CA/CA]; 119 Aspenwood Drive, Port Moody, British Columbia V3H 4V7 (CA).
HUNT, David, W., C. [CA/CA]; 886 Habgood Street, White Rock, British Columbia V4B 1E9 (CA).
SIMKIN, Guillermo, O. [CA/CA]; Mount Seymour Parkway, North Vancouver, British Columbia V7H 1E9 (CA).
LEVY, Julia, G. [CA/CA]; #601 1490 Pennyfarthing Drive, Vancouver, British Columbia V6J 4Z3 (CA).
OBOCHI, Modestus, O., K. [NG/CA]; 90 East 11th Street, Vancouver, British Columbia V5T 2B8 (CA).
RICHTER, Anna, M. [CA/CA]; PH1-5775 Toronto Road, Vancouver, British Columbia V6T 1X4 (CA).

(74) **ROBINSON, J., Christopher** et al. / etc.; Fetherstonhaugh & Co., Suite 2200, 650 West Georgia Street, Box 11560, Vancouver, British Columbia V6B 4N8 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/52609** (13) A1

(21) PCT/GB98/01444

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 9710049,9 (32) **19 May/mai 1997** (33) GB (19.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 41/00**

- (54) ● SONODYNAMIC THERAPY USING AN ULTRASOUND SENSITIZER COMPOUND

- THERAPIE SONODYNAMIQUE METTANT EN OEUVRE UN COMPOSE SENSIBILISANT ULTRASONORE

(63) US 60/048,487 (CIP) 3 Jun/juin 1997 (03.06.1997)

(71) **NYCOMED IMAGING AS** [NO/NO]; Nycoveien 1-2, N-0401 Oslo (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALFHEIM, Jan, Alan** [NO/NO]; Nycomed Imaging as, Nycoveien 1-2, N-0401 Oslo (NO).
HENRICH, Paul, Mark [US/US]; Nycomed Amersham Imaging, P.O. Box 6630, Wayne, PA 19087-8630 (US).
HOHENSCHUH, Eric, Paul [US/US]; Nycomed Amersham Imaging, P.O. Box 6630, Wayne, PA 19087-8630 (US).
JOHANNESSEN, Edvin, Wilhelm [NO/NO]; Nycomed Imaging as, Nycoveien 1-2, N-0401 Oslo (NO).
SANDERSON, William, Anthony [GB/US]; Nycomed Amersham Imaging, P.O. Box 6630, Wayne, PA 19087-8630 (US).
SNOW, Robert, Allen [CA/US]; Nycomed Amersham Imaging, P.O. Box 6630, Wayne, PA 19087-8630 (US).

(74) **FRANK B. DEHN & CO.**; 179 Queen Victoria Street, London EC4V 4EL (GB).

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

(11) **WO 98/52610** (13) A1

(21) PCT/IL98/00231

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 120891 (32) **22 May/mai 1997** (33) IL (22.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 41/00**

- (54) ● PHOTODYNAMIC AND SONODYNAMIC THERAPY AND AGENTS AND SYSTEM FOR USE THEREFOR
- THERAPIE PHOTODYNAMIQUE ET SONODYNAMIQUE ET AGENTS ET SYSTEME UTILISES A CET EFFET

(71) **TECHNION RESEARCH AND DEVELOPMENT FOUNDATION LTD.** [IL/IL]; Senate House, Technion City, Park Gootwirt, 32000 Haifa (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IGER, Yoni** [IL/IL]; Zrubavel Street 15, 34671 Haifa (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/52611** (13) A1

(21) PCT/JP98/02223

- (22) **20 May/mai 1998 (20.05.1998)**
 (25) ja (26) ja
 (31) 9/133480 (32) **23 May/mai 1997 (23.05.1997)** (33) JP
 (31) 9/192555 (32) **17 Jul/juillet 1997 (17.07.1997)** (33) JP
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A61K 45/00, 31/70, 31/44**
 (54) ● MEDICINAL COMPOSITION FOR PREVENTION OR TREATMENT OF HEPATOPATHY
 ● PREPARATION MEDICAMENTEUSE AUX FINS DE LA PREVENTION ET DU TRAITEMENT DES HEPATOPATHIES
 (71) **NIPPON SHINYAKU CO., LTD.** [JP/JP]; 14, Kisshoin Nishinosho Monguchicho, Minami-ku, Kyoto-shi, Kyoto 601-8550 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **OZAKI, Takayuki** [JP/JP]; 464, Harimadacho, Moriyama-shi, Shiga 524-0012 (JP).
HIRATA, Yoshihisa [JP/JP]; Lappo Nagaokakyo 106, 15, Okukaiinji Takenoshita, Nagaokakyo-shi, Kyoto 617-0853 (JP). **TADA, Shin-ichi** [JP/JP]; 1691-103, Mabuchicho, Ohmihachiman-shi, Shiga 523-0022 (JP).
 (81) AT AU BR CA CH CN DE DK ES GB HU ID IL JP KR MX NO NZ PT RU SE UA US VN; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/52612** (13) A1
 (21) PCT/JP98/02210
 (22) **18 May/mai 1998 (18.05.1998)**
 (25) ja (26) ja
 (31) 9/147316 (32) **20 May/mai 1997 (20.05.1997)** (33) JP
 (31) 10/133438 (32) **15 May/mai 1998 (15.05.1998)** (33) JP
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A61K 47/26**
 (54) ● ANTISEPTIC COMPOSITION
 ● COMPOSITION ANTISEPTIQUE
 (71) **SENJU PHARMACEUTICAL CO., LTD.** [JP/JP]; 5-8, Hiranomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0046 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **NISHIHATA, Shuichi** [JP/JP]; 366-1-301, Minamibefu 4-chome, Nishi-ku, Kobe-shi, Hyogo 651-2116 (JP). **YAMAGUCHI, Masayo** [JP/JP]; 4-26-503, Hiyodoridai 5-chome, Kita-ku, Kobe-shi, Hyogo 651-1123 (JP). **INADA, Katsuhiro** [JP/JP]; 2-1-3-401, Ibukidaihigashimachi 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-2242 (JP).
 (74) **TAKEUCHI, Takashi**; Y. Kishimoto & T. Takeuchi, Shin-kitahama Building, 2-1, Kitahama 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).
 (81) CA KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/52613** (13) A2
 (21) PCT/CA98/00449
 (22) **11 May/mai 1998 (11.05.1998)**
 (25) en (26) en
- (31) 2,205,692 (32) **16 May/mai 1997 (16.05.1997)** (33) CA
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A61K 47/36**
 (54) ● METHOD OF ADMINISTRATION FOR A THERAPEUTIC AGENT UTILIZING SUITABLE FORMS OF HYALURONIC ACID AND COMBINATIONS WITH ELECTROPORATION
 ● METHODE D'ADMINISTRATION D'AGENT THERAPEUTIQUE UTILISANT DES FORMES APPROPRIÉES D'ACIDE HYALURONIQUE ET DES COMBINAISONS AVEC L'ELECTROPORATION
 (71) **HYAL PHARMACEUTICAL CORPORATION** [CA/CA]; 2425 Skymark Avenue, Mississauga, Ontario L4W 4Y6 (CA).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **FALK, Rudolf, E.** [CA/CA]; P.O. Box 200, Glencairn, Ontario L0M 1K0 (CA). **ASCULAI, Samuel, S.** [US/CA]; Apartment TH #13, 53 McCaul Street, Toronto, Ontario M6M 2B6 (CA).
 (74) **HUGHES, Etigson**; Suite 200, 175 Commerce Valley Drive West, Thornhill, Ontario L3T 7P6 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/52614** (13) A2
 (21) PCT/US98/10571
 (22) **21 May/mai 1998 (21.05.1998)**
 (25) en (26) en
 (31) 60/047,345 (32) **21 May/mai 1997 (21.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A61K 47/48**
 (54) ● COMPOSITION AND METHOD FOR ENHANCING TRANSPORT ACROSS BIOLOGICAL MEMBRANES
 ● COMPOSITION ET PROCÉDE PERMETTANT D'AMELIORER LES TRANSPORTS A TRAVERS DES MEMBRANES BIOLOGIQUES
 (71) **THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY** [US/US]; Stanford, CA 94305 (US).
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 (72, 75) **ROTHBARD, Jonathan, B.** [US/US]; 100 Phillip Road, Woodside, CA 94062 (US). **WENDER, Paul, A.** [US/US]; 930 Siskyou Drive, Menlo Park, CA 94025 (US).
 (74) **POWERS, Vincent, M.** et al. / etc.; Dehlinger & Associates, P.O. Box 60850, Palo Alto, CA 94306-0850 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/52615** (13) A1
 (21) PCT/US98/10381
 (22) **22 May/mai 1998 (22.05.1998)**
 (25) en (26) en
 (31) 60/047,426 (32) **22 May/mai 1997 (22.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A61K 48/00, C12N 15/63**
 (54) ● CONTROLLING IMMUNE RESPONSE TO SPECIFIC ANTIGENS
 ● REGULATION DE LA REponse IMMUNITAIRE A DES ANTIGENES SPECIFIQUES
 (71) **UAB RESEARCH FOUNDATION** [US/US]; 1120G Administrative Building, 701 20th Street South, Birmingham, AL 35294-0111 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **MOUNTZ, John, D.** [US/US]; 2800 Vestavia Forest Place, Birmingham, AL 35216 (US). **CURIEL, David, T.** [US/US]; 824 Lindwood Road, Birmingham, AL 35222 (US). **ZHANG, Huang-Ge** [US/US]; 3240 Tyrol Road, Birmingham, AL 35216 (US).
 (74) **COGEN, Ellen, S.** et al. / etc.; Gifford, Krass, Groh, Sprinkle, Patmore, Anderson & Citkowski, P.C., Suite 400, 280 N. Old Woodward, Birmingham, MI 48009 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/52616** (13) A2
 (21) PCT/DE98/01288
 (22) **4 May/mai 1998 (04.05.1998)**
 (25) de (26) de
 (31) 197 21 947.0 (32) **21 May/mai 1997 (21.05.1997)** (33) DE
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A61K 49/00, 31/60**
 (54) ● NONSTEROIDAL ANTIRHEUMATIC AGENTS OR THROMBOCYTE-AGGLUTINATION INHIBITORS TO IMPROVE REPRESENTATION OF VESSELS, LYMPH NODES AND BONE MARROW WITH PHARMACEUTICAL PREPARATIONS CONTAINING PARTICLES, VESICLES OF POLYMERS
 ● AGENTS ANTIRHUMATISMAUX NON STEROIDES OU INHIBITEURS D'AGGLUTINATION DE THROMBOCYTES POUR AMELIORER LA REPRESENTATION DES VAISSEAUX, DES GANGLIONS LYMPHATIQUES ET DE LA MOELLE OSSEUSE AVEC DES PREPARATIONS QUI CONTIENNENT DES PARTICULES, VESICULES OU POLYMERES
 (71) **INSTITUT FÜR DIAGNOSTIKFORSCHUNG GMBH AN DER FREIEN UNIVERSITÄT BERLIN** [DE/DE]; Spandauer Damm 130, D-14050 Berlin (DE).
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 (72, 75) **KRESSE, Mayk** [DE/DE]; Joachim-Friedrich-Strasse 1, D-10711 Berlin (DE). **PFEFFERER, Detlev** [DE/DE]; Jörsstrasse 7,

D-13505 Berlin (DE). **LAWACZEK, Rüdiger** [DE/DE]; Beyschlagstrasse 8 c, D-13503 Berlin (DE). **WAGNER, Susanne** [DE/DE]; (DE). **TAUPITZ, Matthias** [DE/DE]; Winterfeldstrasse 83, D-10781 Berlin (DE). **MIYAZAWA, Tomoaki** [JP/JP]; Nihon Schering KK, 6-64, Nishimigashara 2-chome, Yodogawa-ku, Osaka 532 (JP).

(74) **WABLAT, Wolfgang**; Postdamer Chaussee 48, D-14129 Berlin (DE).

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

(11) **WO 98/52617** (13) A2

(21) PCT/GB98/01489

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 9710604.1 (32) **22 May/mai 1997 (22.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 49/00**

(54) ● **CONTRAST MEDIA**
● **MILIEUX DE CONTRASTE**

(63) US 60/049,174 (CIP)
9 Jun/juin 1997 (09.06.1997)

(71) **NYCOMED IMAGING AS** [NO/NO]; Nycoveien 1-2, N-0401 Oslo (NO).
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(72, 75) **MCINTIRE, Gregory, Lynn** [US/US]; Nycomed Inc., 466 Devon Park Drive, Wayne, PA 19087-8630 (US). **TONER, John, Luke** [US/US]; Nycomed Inc., 466 Devon Park Drive, Wayne, PA 19087-8630 (US). **BACON, Edward, Richard** [US/US]; Nycomed Inc., 466 Devon Park Drive, Wayne, PA 19087-8630 (US). **HAYLEY, Patrick, Joseph** [US/US]; Nycomed Inc., 466 Devon Park Drive, Wayne, PA 19087-8630 (US).

(74) **COCKBAIN, Julian** et al. / etc.; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

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

(11) **WO 98/52618** (13) A1

(21) PCT/US98/10186

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 08/858,971 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61K 51/00, 38/00, C07K 2/00, 5/00, 7/00, C07F 5/00**

(54) ● **RADIOLABELED THROMBUS IMAGING AGENTS**
● **AGENTS RADIOMARQUES PERMETTANT DE PRODUIRE DES IMAGES D'UN THROMBUS**

(63) US 08/858,971 (CIP)
20 May/mai 1997 (20.05.1997)

(71) **THOMAS JEFFERSON UNIVERSITY** [US/US]; 11th and Walnut Streets, Philadelphia, PA 19107 (US).
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(72, 75) **THAKUR, Mathew, L.** [US/US]; 44 Lakeview Drive, Cherry Hill, NJ 08003 (US). **PALLELA, Venkataramana, R.** [IN/IN]; 49B Marion Court, Upper Darby, PA 19082 (US).

(74) **LICATA, Jane, Massey** et al. / etc.; Law Offices of Jane Massey Licata, 66 E. Main Street, Marlton, NJ 08053 (US).

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

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(11) **WO 98/52619** (13) A2

(21) PCT/EP98/02753

(22) **9 May/mai 1998 (09.05.1998)**

(25) de (26) de

(31) 197 21 352.9 (32) **22 May/mai 1997 (22.05.1997)** (33) DE

(31) 197 55 801.1 (32) **16 Dec/déc 1997 (16.12.1997)** (33) DE

(31) 198 18 098.5 (32) **23 Apr/avr 1998 (23.04.1998)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61L**

(54) ● **PEPTIDE-COATED IMPLANTS AND METHODS FOR PRODUCING SAME**
● **IMPLANTS RECOUVERTS DE PEPTIDES ET PROCEDE PERMETTANT DE LES PREPARER**

(71) **MERCK PATENT GMBH** [DE/DE]; Frankfurter Strasse 250, D-64293 Darmstadt (DE).
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(72, 75) **KESSLER, Horst** [DE/DE]; Lichtenbergstrasse 4, D-85748 Garching (DE). **FINSINGER, Dirk** [DE/DE]; Lichtenbergstrasse 4, D-85748 Garching (DE). **JONCZYK, Alfred** [DE/DE]; Schepp-Allee 57, D-64295 Darmstadt (DE). **MEYER, Jörg** [DE/DE]; Schillerstrasse 82, D-63329 Egelsbach (DE). **NIES, Berthold** [DE/DE]; Bahnhofstrasse 27, D-64407 Fränkisch-Crumbach (DE). **KANTLEHNER, Martin** [DE/DE]; Plantagenweg 37, 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 GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52620** (13) A2

(21) PCT/EP98/02857

(22) **14 May/mai 1998 (14.05.1998)**

(25) en (26) en

(31) 6862/97 (32) **16 May/mai 1997 (16.05.1997)** (33) AU

(31) 6842/97 (32) **16 May/mai 1997 (16.05.1997)** (33) AU

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61L**

(54) ● **COLLAGEN-LIKE POLYMERS WITH CELL BINDING ACTIVITY**

● **POLYMERES DU TYPE COLLAGENE A ACTIVITE DE LIAISON CELLULAIRE**

(71) **NOVARTIS AG** [CH/CH]; Schwarzwaldallee 215, CH-4058 Basel (CH). **COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION** [AU/AU]; Limestone Avenue, Campbell, ACT 2602 (AU).
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(72, 75) **STEELE, John, Gerard** [AU/AU]; 7 The Carriageway, North Rocks, NSW 2151 (AU). **JOHNSON, Graham** [AU/AU]; 10 Moombara Avenue, Peakhurst, NSW 2210 (AU). **GOODMAN, Murray** [US/CA]; 9760 Blackgold Road, La Jolla, CA 92037 (CA). **GRIESSER, Hans, Jörg** [CH/AU]; 20 View Road, The Patch, VIC 3792 (AU). **MCLEAN, Keith, Michael** [AU/AU]; 66 Plummer Road, Mentone, VIC 3194 (AU). **BEUMER, Gerrit, Jan** [NL/NL]; Dorpsstraat 84, NL-3927 BE Renswoude (NL).

(74) **BECKER, Konrad**; 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52621** (13) A1

(21) PCT/US98/10273

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 08/859,759 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61L 2/26, G01N 31/22**

(54) ● **STERILIZATION INDICATOR**
● **INDICATEUR DE STERILISATION**

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **IGNACIO, Ramon, T.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

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

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(11) **WO 98/52622** (13) A1

(21) PCT/FR98/00969

(22) **14 May/mai 1998 (14.05.1998)**

(25) fr (26) fr

(31) 97/06229 (32) **16 May/mai 1997 (16.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61L 9/01**

- (54) ● FORMULA FOR SOLUBILIZING PERFUME COMPOSITIONS IN SWIMMING POOLS
● FORMULE POUR LA SOLUBILISATION DE COMPOSITIONS PARFUMANTES DANS L'EAU DES PISCINES
- (71, 72) **MARCILLY, Jean-François, Michel** [FR/FR]; 104, avenue Aristide Briand, F-17450 Fouras (FR).
- (81) BR CA CN JP SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/52623** (13) A1
- (21) PCT/US98/10404
- (22) **20 May/mai 1998 (20.05.1998)**
- (25) en (26) en
- (31) 08/861,994 (32) **22 May/mai 1997 (22.05.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **A61L 27/00, 31/00**
- (54) ● ION-IMPLANTED PROTEIN-COATED INTRALUMENAL IMPLANTS
● IMPLANTS ENDOLUMINAUX REVETUS D'UNE PROTEINE A IMPLANTATION IONIQUE
- (71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 12th floor, 1111 Franklin Street, Oakland, CA 94607-5200 (US).

- (72) **MURAYAMA, Yuichi**; 17352 Sunset Boulevard 404-D, Pacific Palisades, CA 90272 (US). **VI-NUELA, Fernando**; Apartment 101, 16100 Sunset Boulevard, Pacific Palisades, CA 90272 (US). **SUZUKI, Yoshiaki**; 2-1, Hirosawa, Wako-shi, Saitama 351-01 (JP). **IWAKI, Masaya**; 2-1, Hirosawa, Wako-shi, Saitama 351-01 (JP).

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

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- (11) **WO 98/52624** (13) A2
- (21) PCT/US98/10419
- (22) **21 May/mai 1998 (21.05.1998)**
- (25) en (26) en
- (31) 08/862,972 (32) **23 May/mai 1997 (23.05.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **A61M**
- (54) ● VOLUMETRIC PUMP WITH STERILITY SEAL
● POMPE VOLUMETRIQUE COMPORTANT UN JOINT STERILE
- (71) **SARCOS, INC.** [US/US]; 360 Wakara Way, Salt Lake City, UT 84108 (US).
- (72) **JACOBSEN, Stephen, C.**; 274 South 1200 East, Salt Lake City, UT 84102 (US). **DAVIS, Clark, C.**; 4569 Wallace Lane, Salt Lake City, UT 84124 (US).

- (74) **THORPE, Calvin, E.** et al. / etc.; Thorpe, North & Western, LLP, P.O. Box 1219, Sandy, UT 84091-1219 (US).

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

- (11) **WO 98/52625** (13) A1
- (21) PCT/EP98/02866
- (22) **14 May/mai 1998 (14.05.1998)**
- (25) de (26) de
- (31) 197 21 030.9 (32) **20 May/mai 1997 (20.05.1997)** (33) DE
- (43) 26 Nov/nov 1998 (26.11.1998)

- (51)⁶ **A61M 1/00**

- (54) ● DEVICE FOR GUIDING A MEDICAL PROBE
● DISPOSITIF POUR GUIDER UNE SONDÉ MEDICALE

- (71) **FORSCHUNGSZENTRUM KARLSRUHE GMBH** [DE/DE]; Weberstrasse 5, D-76133 Karlsruhe (DE).
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- (72, 75) **SELIG, Manfred** [DE/DE]; Pfingststrasse 5, D-76344 Eggenstein-Leopoldshafen (DE). **ULLRICH, Rudolf** [DE/DE]; Mannheimer Strasse 12, D-76344 Eggenstein-Leopoldshafen (DE). **LINDER, Albert** [DE/DE]; Rheinstrasse 2, D-58097 Hagen (DE).

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

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- (11) **WO 98/52626** (13) A1
- (21) PCT/GB98/01423
- (22) **18 May/mai 1998 (18.05.1998)**
- (25) en (26) en
- (31) 97/2370 (32) **19 May/mai 1997 (19.05.1997)** (33) ZA
- (43) 26 Nov/nov 1998 (26.11.1998)

- (51)⁶ **A61M 1/00**

- (54) ● NOZZLE FOR SURGICAL SUCTION APPARATUS
● BUSETTE POUR APPAREIL D'ASPIRATION A USAGE CHIRURGICAL

- (71) **HARWILL INDUSTRIES (PTY.) LIMITED** [ZA/ZA]; 2 Vygeboom, Durbanville, Western Cape (ZA).
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- (71) **GEMMELL, Peter, Alan** [GB/GB]; 25 The Square, Martlesham Heath, Ipswich, Suffolk IP5 3SL (GB).
(only for / seulement pour MG)

- (72, 75) **MANTELL, John, Augustus, Dalton** [ZA/ZA]; 14 Papenboom Grove, Newlands, Western Cape (ZA).

- (74) **GEMMELL, Peter, Alan** et al. / etc.; Dummett Copp, 25 The Square, Martlesham Heath, Ipswich, Suffolk IP5 3SL (GB).

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

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- (11) **WO 98/52627** (13) A1
- (21) PCT/US98/08710
- (22) **29 Apr/avr 1998 (29.04.1998)**
- (25) en (26) en
- (31) 08/861,859 (32) **21 May/mai 1997 (21.05.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)

- (51)⁶ **A61M 1/00, 1/34, B01D 21/26**

- (54) ● METHOD OF REDUCING THE POSSIBILITY OF TRANSMISSION OF SPONGIFORM ENCEPHALOPATHY DISEASES BY BLOOD PRODUCTS
● PROCEDE POUR ATTENUER LES RISQUES DE TRANSMISSION DES ENCEPHALOPATHIES SPONGIFORMES PAR LES PRODUITS SANGUINS

- (71) **BAXTER INTERNATIONAL INC.** [US/US]; One Baxter Parkway, Deerfield, IL 60015 (US).

- (72) **CHAPMAN, John**; 67 Kevin Avenue, Lake Villa, IL 60046 (US). **FISHER, Jerry**; 3049 Three Springs Drive, Westlake Village, CA 91361-5552 (US).

- (74) **SEREWICZ, Denise, M.** et al. / etc.; Baxter Healthcare Corporation, Route 120 & Wilson Road RLP-30, Round Lake, IL 60073 (US).

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

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

- (11) **WO 98/52628** (13) A1
- (21) PCT/US98/10708
- (22) **22 May/mai 1998 (22.05.1998)**
- (25) en (26) en
- (31) 60/047,393 (32) **22 May/mai 1997 (22.05.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)

- (51)⁶ **A61M 1/34, B01D 61/14, 61/18, 61/20, 61/22**

- (54) ● APPARATUS AND METHOD FOR HIGH EFFICIENCY HEMOFILTRATION
● APPAREIL ET PROCEDE D'HEMOFILTRATION A HAUTE EFFICACITE

- (63) US 60/047,393 (CON)
22 May/mai 1997 (22.05.1997)

- (71) **MEDTRAIN, INC.** [US/US]; 177 Ft. Washington Avenue, New York, NY 10032 (US). **THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK** [US/US]; 535 West 116 Street, New York, NY 10027 (US).
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(72, 75) **LANDRY, Donald, W.** [US/US]; 29 Claremont Avenue #2-S, New York, NY 10027 (US). **LEVIN, Howard, L.** [US/US]; 640 Pomander Walk, Teaneck, NJ 07666 (US). **GARFEIN, Evan, Stuart** [US/US]; 100 Haven Avenue, New York, NY 10032 (US).

(74) **JACOBS, Seth, H.** et al. / etc.; Darby & Darby P.C., 805 Third Avenue, New York, NY 10022-7513 (US).

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

(11) **WO 98/52629** (13) A2

(21) PCT/US98/10406

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 60/047,213 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61M 1/36**

(54) ● CELL PROCESSING SYSTEMS

● APPAREIL ET PROCEDE DE TRAITEMENT DE CELLULES BIOLOGIQUES

(71) **ZYMEQUEST, INC.** [US/US]; 30 Massachusetts Avenue, North Andover, MA 01845-3499 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **JORGENSEN, Glen** [US/US]; 38 Beverly Drive, Marlboro, MA 01752 (US). **BARRY, Donald** [US/US]; 379 Railroad Avenue, Norwood, MA 02062 (US). **EDWARDS, Bruce, H.** [US/US]; 156 Robert Road, Marlboro, MA 01752 (US). **FENNELLY, Jeremy** [US/US]; 97 Homer Avenue, Ashland, MA 01721 (US). **O'BRIEN, John, P.** [US/US]; 74 Elmira Street #2, Brighton, MA 02135 (US). **SACCO, Victor, Jr.** [US/US]; 376 Ocean Avenue #206, Revere, MA 02151 (US). **MARTIN, Roy, E., III** [US/US]; 46 Dover Street, Worcester, MA 01609 (US). **SUSSER, Mark** [US/US]; 208 Highland Street, Weston, MA 02193 (US).

(74) **ZITKOVSKY, Ivan, D.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52630** (13) A1

(21) PCT/US98/06223

(22) **30 Mar/mar 1998 (30.03.1998)**

(25) en (26) en

(31) 08/862,849 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61M 5/00**

(54) ● CAP OPERATED RETRACTABLE MEDICAL DEVICE

● DISPOSITIF MEDICAL RETRACTABLE ACTIONNE PAR SON CAPUCHON

(71, 72) **SHAW, Thomas, J.** [US/US]; 1510 Hillcrest, Little Elm, TX 75068 (US).

(74) **WATSON, Harry, J.** et al. / etc.; Locke Purnell Rain Harrell, Suite 2200, 2200 Ross Avenue, Dallas, TX 75201 (US).

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

(11) **WO 98/52631** (13) A1

(21) PCT/US98/10322

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 60/047,172 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61M 5/00**

(54) ● NEEDLELESS CONNECTOR

● CONNECTEUR SANS AIGUILLE

(71) **BAXTER INTERNATIONAL, INC.** [US/US]; 1 Baxter Parkway, Deerfield, IL 60015 (US).

(72) **JEPSON, Steven, C.**; 103 S. Cedar Street, Palatine, IL 60067 (US). **DUDAR, Thomas, E.**; 103 S. Cedar Street, Palatine, IL 60067 (US). **MONTANEZ, Rodrigo, A.**; Apartment 1514, 1390 South White Oak Drive, Waukegan, IL 60085 (US). **BINDOKAS, Algirdas, J.**; 67 Waverly, Clarendon Hills, IL 60514 (US). **FINLEY, Micheal, J.**; 30617 East 113th Street, Wilmet, WI 53192-01084 (US). **WHITE, Jason, J.**; 7936 South Calumet, Chicago, IL 60619 (US). **SUMMERS, Camille**; 2318 Behan Road, Crystal Lake, IL 60014 (US).

(74) **NICHOLS, Jeffrey, C.**; Baxter International Inc., 1 Baxter Parkway, Deerfield, IL 60015 (US).

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

(11) **WO 98/52632** (13) A1

(21) PCT/US98/08161

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 08/858,249 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61M 5/30**

(54) ● INJECTION APPARATUS

● DISPOSITIF POUR INJECTIONS

(71) **BIOJECT, INC.** [US/US]; 7620 S.W. Bridgeport Road, Portland, OR 97224 (US).

(72) **DEILY, Michael, F.**; 12256 S.W. Lansdowne Lane, Tigard, OR 97223 (US). **BUNCH, James, J.**; 13790 S.W. Cowles Court, Tigard, OR 97224 (US). **DRACH, Thomas, J.**; 1413 A Street, Hood River, OR 97031 (US). **BONICATTO, James, M.**; 642 S.W. Grant, Portland, OR 97201 (US).

(74) **HEUSER, Peter, E.** et al. / etc.; Kolisch Hartwell Dickinson McCormack & Heuser, Suite 200, 520 S.W. Yamhill 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 GM GW HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52633** (13) A1

(21) PCT/EP98/02703

(22) **8 May/mai 1998 (08.05.1998)**

(25) de (26) de

(31) 197 20 701.4 (32) **16 May/mai 1997 (16.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61M 15/00, 11/02**

(54) ● DEVICE FOR ADMINISTERING A MEDICINAL AEROSOL VIA THE LUNGS

● DISPOSITIF POUR L'ADMINISTRATION D'UN AEROSOL MEDICAMENTEUX PAR LES POUMONS

(71) **GSF-FORSCHUNGSZENTRUM FÜR UMWELT UND GESUNDHEIT GMBH** [DE/DE]; Ingolstädter Landstrasse 1, D-85764 Oberschleissheim (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BRAND, Peter** [DE/DE]; Robert-Koch-Allee 17, D-82131 Gauting (DE). **SELZER, Titus** [DE/DE]; Fürstenriederstrasse 141, D-80686 München (DE). **SCHULZ, Holger** [DE/DE]; Sebastian-Rieger-Strasse 24, D-86899 Landsberg (DE). **ROTH, Christa** [DE/DE]; Im Kleinfeldchen 7, D-65760 Eschborn (DE). **HEYDER, Joachim** [DE/DE]; Germaniastrasse 14, D-80802 München (DE).

(74) **WEISE, Reinhard**; Reinhard, Skuhra, Weise & Partner, Friedrichstrasse 31, Postfach 44 01 51, D-80750 München (DE).

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

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(11) **WO 98/52634** (13) A1

(21) PCT/GB98/01501

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 9710634.8 (32) **23 May/mai 1997 (23.05.1997)** (33) GB

(31) 9720594.2 (32) **30 Sep/sep 1997 (30.09.1997)** (33) GB

(31) 9800862.6 (32) **15 Jan/jan 1998 (15.01.1998)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61M 15/00**

(54) ● INHALER MECHANISM

● MECANISME D'INHALATION

(71) **PA CONSULTING SERVICES LIMITED** [GB/GB]; 123 Buckingham Palace Road, London SW1W 9SR (GB).

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

(72, 75) **MACMICHAEL, Donald, Bruce, Atherton** [GB/GB]; 104 Bedford Road, Hitchin, Hertfordshire SG5 2UE (GB). **HEARNE, David, John** [GB/GB]; 27 Church Road, Harlington, Bedfordshire LU5 6LE (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/52635** (13) A1

(21) PCT/US98/10389

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 60/063,454 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61M 16/00**

(54) ● METHOD AND APPARATUS FOR DELIVERING RADIATION THERAPY DURING SUSPENDED VENTILATION

● PROCÉDE ET APPAREIL D'ADMINISTRATION D'UNE THÉRAPIE PAR RADIATION PENDANT UNE VENTILATION SUSPENDUE

(71) **WILLIAM BEAUMONT HOSPITAL** [US/US]; 3601 West 13 Mile Road, Royal Oak, MI 48073-6769 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WONG, John, W.** [CA/US]; 726 Tennyson Downs Court, Bloomfield, MI 48304 (US). **JAF-FRAY, David, A.** [CA/CA]; 2476 Lincoln Road, Windsor, Ontario N8W 2R7 (CA). **SHARPE, Michael, B.** [CA/CA]; 2066 Vimy Avenue, Windsor, Ontario N8W 1P3 (CA).

(74) **MOGA, Thomas, T.**; Harness, Dickey & Pierce, P.L.C., Suite 400, 5445 Corporate Drive, Troy, MI 48098 (US) et al. / etc.

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

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(11) **WO 98/52636** (13) A1

(21) PCT/EP98/03072

(22) **25 May/mai 1998 (25.05.1998)**

(25) en (26) en

(31) 197 21 703.6 (32) **23 May/mai 1997 (23.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61M 25/00**

(54) ● CATHETER SYSTEM WITH HIGH KINK RESISTANCE

● SYSTEME DE CATHETER PRESENTANT UNE FORTE RESISTANCE AU VRILLAGE

(71) **ANGIOMED GMBH & CO. MEDIZINTECHNIK KG** [DE/DE]; Wachhausstrasse 6, D-76227 Karlsruhe (DE).

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

(72, 75) **FEESER, Jörg** [DE/DE]; Karl-Langheinstrasse 7, D-76229 Karlsruhe (DE). **SUPPER, Wolfgang** [DE/DE]; Am Wetterbach 86a, D-76228 Karlsruhe (DE).

(74) **MARSH, Roy, D.** et al. / etc.; Hoffmann . Eitle, Arabellastrasse 4, D-81925 München (DE).

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

Published / Publiée : (c)

(11) **WO 98/52637** (13) A1

(21) PCT/US98/10581

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 60/047,512 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(31) Not furnished / non communiqué (32) **21 May/mai 1998 (21.05.1998)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61M 25/01**

(54) ● CATHETER WITH OBLIQUE LUMEN

● CATHETER A LUMIERE OBLIQUE

(71) **BIOSENSE, INC.** [US/US]; Suite 283, 9360 Sunset Drive, Miami, FL 33173 (US).

(72) **ZILBERSTEIN, Joel**; Zerubavel Street 13, 34671 Haifa (IL). **YARON, Uri**; Hrakafet Street 16, 30900 Zichron-Yaacov (IL).

(74) **CIAMPORCERO, Audley, A., Jr.** et al. / etc.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (US).

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

(11) **WO 98/52638** (13) A2

(21) PCT/CA98/00492

(22) **15 May/mai 1998 (15.05.1998)**

(25) en (26) en

(31) 2,205,623 (32) **16 May/mai 1997 (16.05.1997)** (33) CA

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61M 25/06, A61B 17/34, A61M 5/42, 25/02**

(54) ● METHOD AND APPARATUS FOR THE INTRAOSSEOUS INTRODUCTION OF A DEVICE SUCH AS AN INFUSION TUBE

● METHODE ET APPAREIL PERMETTANT L'INTRODUCTION INTRA-OSSEUSE D'UN DISPOSITIF TEL QU'UNE TUBULURE A PERFUSION

(71) **PYNG MEDICAL CORP.** [CA/CA]; Medical Device Development Centre, Jack Bell Research Centre, 2660 Oak Street, Vancouver, British Columbia V6H 3Z6 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FINDLAY, Judith, M.** [CA/CA]; 10731 Hogarth Drive, Richmond, British Columbia V7E 3Z9 (CA). **JOHNSON, David, L.** [CA/CA]; 4394 Portland Street, Burnaby, British Columbia V5J 2N6 (CA). **KRASNICH, Misha** [CA/CA];

105-8351 Bennett Road, Richmond, British Columbia V6Y 1N4 (CA). **JACOBS, Michael, W.** [CA/CA]; 12183 57th Avenue, Surrey, British Columbia V3X 2S4 (CA).

(74) **VERMETTE & CO.**; Granville Square, 230-200 Granville Street, Box 40, Vancouver, British Columbia V6I 1S4 (CA).

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

(11) **WO 98/52639** (13) A1

(21) PCT/US98/09971

(22) **15 May/mai 1998 (15.05.1998)**

(25) en (26) en

(31) 08/858,666 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61M 29/00**

(54) ● CATHETER SYSTEM

● SYSTEME DE CATHETER

(71) **UNITED STATES SURGICAL CORPORATION** [US/US]; 150 Glover Avenue, Norwalk, CT 06856 (US).

(72) **HINCHLIFFE, Peter, W., J.**; 285 Central Avenue, New Haven, CT 06515 (US). **DUGAN, Thomas, J.**; 6 Silver Smith Lane, Redding, CT 06896 (US).

(74) **GERSHON, Neil, D.**; United States Surgical Corporation, 150 Glover Avenue, Norwalk, CT 06856 (US).

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

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(11) **WO 98/52640** (13) A1

(21) PCT/IL98/00128

(22) **20 Mar/mar 1998 (20.03.1998)**

(25) en (26) en

(31) 120860 (32) **19 May/mai 1997 (19.05.1997)** (33) IL

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61M 31/00**

(54) ● FLUID FLOW CONTROL SYSTEM

● SYSTEME DE REGULATION DU DEBIT D'UN FLUIDE

(71) **Q-CORE LTD.** [IL/IL]; P.O. Box 3, 44837 Ariel (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEN-SHALOM, Zvi** [IL/IL]; Savyonim Street 1/3, 44837 Ariel (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/52641** (13) A1

(21) PCT/US98/10512

(22) **21 May/mai 1998 (21.05.1998)**

(25) en (26) en

(31) 08/862,104 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61N 1/05**

(54) ● ENDOCARDIAL LEAD WITH MULTIPLE BRANCHES
● SONDE ENDOCAVITAIRE MULTIBRANCHE

(71) **SULZER INTERMEDICS INC.** [US/US]; 4000 Technology Drive, Angleton, TX 77515 (US).

(72) **SCHROEPEL, Edward, A.**; 215 Dewberry Drive, Lake Jackson, TX 77566 (US). **SPEHR, Paul, R.**; 105 Spanish Moss, Lake Jackson, TX 77566 (US).

(74) **MERKLING, John, R.**; Sulzer Medica USA Inc., 4000 Technology Drive, Angleton, TX 77515 (US).

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

(11) **WO 98/52642** (13) A1

(21) PCT/US98/08756

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/862,056 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61N 1/36**

(54) ● BIO-ACTIVE FREQUENCY GENERATOR AND METHOD HAVING REPLACEABLE MEMORIES
● GENERATEUR DE FREQUENCES BIOLOGIQUEMENT ACTIVES POURVU DE MEMOIRES REMPLAÇABLES

(71, 72) **FLEMING, Janet, E.** [US/US]; 3605 30th Street #343, San Diego, CA 92104 (US).

(74) **GILLIAM, Frank, D.**; Suite 200, 4565 Ruffner Street, San Diego, CA 92111 (US).

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

(11) **WO 98/52643** (13) A1

(21) PCT/US98/10636

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 08/858,473 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61N 1/36**

(54) ● COCHLEAR IMPLANT WITH SHAPE MEMORY MATERIAL AND METHOD FOR IMPLANTING THE SAME

● IMPLANT COCHLEAIRE REALISE DANS UN MATERIAU A MEMOIRE DE FORME ET PROCEDE D'IMPLANTATION DE CE DERNIER

(71) **BIOELECTRIC CORPORATION** [US/US]; 16125 S.W. 72nd Avenue, Portland, OR 97224 (US). **UNIVERSITY OF WASHINGTON** [US/US]; Office of Technology Transfer, Health Sciences Division, Box 354810, 1107 N.E. 45th Street, Seattle, WA 98105-4631 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SPELMAN, Francis, A.** [US/US]; 6322-54th Avenue N.E., Seattle, WA 98115 (US). **JOLLY, Claude, N.** [US/AT]; Zifres 21, A-6094 Axam (AT). **VOIE, Arne** [US/US]; 2836 N.W. 64th, Seattle, WA 98107 (US). **CLOPTON, Ben, M.** [US/US]; 9495 Windson, Bainbridge Island, WA 98110 (US). **SWANSON, John, W.** [US/US]; 5105 S.W. Garden Home Road, Portland, OR 97219 (US). **BOOGAARD, Jerome** [US/US]; 47858 S.W. Omego Drive, Forest Grove, OR 97116 (US). **HUYNH, Ky** [US/US]; 15761 S.W. 82nd Avenue, Tigard, OR 97224 (US).

(74) **FOSTER, Karen, Fienberg et al.** / etc.; Chernoff, Vilhauer, McClung & Stenzel, LLP, 600 Benj. Franklin Plaza, One Southwest Columbia, Portland, OR 97258-2007 (US).

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

(11) **WO 98/52644** (13) A1

(21) PCT/EP98/02933

(22) **19 May/mai 1998 (19.05.1998)**

(25) de (26) de

(31) 197 21 489.4 (32) **23 May/mai 1997 (23.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61N 5/06**

(54) ● SYSTEM FOR PHOTODYNAMIC THERAPY OF LIVING ORGANISMS AND THEIR ORGANS AND/OR TISSUES

● SYSTEME POUR LE TRAITEMENT PHOTODYNAMIQUE D'ETRES VIVANTS, DE LEURS ORGANES ET/OU DE LEURS TISSUS

(71, 72) **HOFMANN, Günther** [AT/AT]; Cottagegasse 70, A-1190 Wien (AT). **NAGYPAL, Tibor** [AT/AT]; Schulzgasse 16, A-1210 Wien (AT).

(74) **KUTZENBERGER, Helga**; Boehmert & Boehmert, Benrather Schloßallee 53, D-40597 Düsseldorf (DE).

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

(11) **WO 98/52645** (13) A1

(21) PCT/IB98/00896

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 9710627.2 (32) **22 May/mai 1997 (22.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61N 5/06**

(54) ● LIGHT PRODUCING APPARATUS

● APPAREIL PRODUISANT DE LA LUMIERE

(71, 72) **GUSTAFSSON, Morgan** [SE/SE]; Medical Bio Care Sweden AB, Lona Knapes gata 5, S-421 32 Vastra Frolunda (SE).

(74) **BERESFORD, Keith, Denis, Lewis et al.** / etc.; Beresford & Co., 2-5 Warwick Court, High Holborn, London WC1R 5DJ (GB).

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

(11) **WO 98/52646** (13) A1

(21) PCT/US98/10492

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 60/047,434 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A61N 5/10**

(54) ● THE EVALUATED TELE THERAPY SOURCE LIBRARY

● BIBLIOTHEQUE DE SOURCES DE TELE THERAPIES EVALUEES

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 22nd floor, 300 Lakeside Drive, Oakland, CA 94612 (US).

(72) **COX, Lawrence, J.**; 615 Camino Cereza, Los Alamos, NM 87544 (US). **SCHACH VON WITTEAU, Alexis, E.**; 1156 Portola Meadows Road #284, Livermore, CA 94550 (US).

(74) **WOOLDRIDGE, John, P.**; P.O. Box 808, L-703, Livermore, CA 94550 (US).

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

(11) **WO 98/52647** (13) A1

(21) PCT/FR98/01020

(22) **20 May/mai 1998 (20.05.1998)**

(25) fr (26) fr

(31) 97/06495 (32) **21 May/mai 1997 (21.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A62C 3/02, B64D 1/16**

- (54) ● DEVICE TRANSPORTABLE BY AIR FOR DROPPING OR SPRAYING LIQUID PRODUCTS
● DISPOSITIF AEROPORTABLE DE LARGAGE OU ASPERSION DE PRODUITS LIQUIDES

(71, 72) **DE MAISONNEUVE, Alban** [FR/FR]; Marietta, Route d'Aubagne, F-13420 Gémenos (FR).

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

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

(11) **WO 98/52648** (13) A1

(21) PCT/US97/08892

(22) **23 May/mai 1997 (23.05.1997)**

(25) en (26) en

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A62D 3/00**

- (54) ● METHOD FOR DECHLORINATING POLYCHLORINATED BIPHENYLS AND GRANULES FOR USE IN METHOD
● PROCEDE DE DECHLORATION DE POLYCHLOROBIPHENYLES ET GRANULES UTILISES DANS CE PROCEDE

(71) **MICHIGAN BIOTECHNOLOGY INSTITUTE** [US/US]; 3900 Collins Road, Lansing, MI 48909 (US).

(72) **BHATNAGAR, Lakshmi**; 1722 Country View Drive, Okemos, MI 48864 (US). **WU, Wei-Min**; Apartment 201, 2900 Beau Jardin, Lansing, MI 48910 (US). **NATARAJAN, Murugiah, R.**; 801-202 Cherry Lane Apartments, Michigan State University, East Lansing, MI 48823 (US). **WANG, Henry, Y.**; 1215 Bardstown Trail, Ann Arbor, MI 48105 (US). **JAIN, Mahendra, K.**; 3950 Jonquil Lane, Okemos, MI 48865 (US).

(74) **HAAS, George**; Quarles & Brady, Suite 2550, 411 East Wisconsin Avenue, Milwaukee, WI 53202 (US).

(81) CA JP KR; EA (AM AZ BY KG KZ MD RU TJ TM).

(11) **WO 98/52649** (13) A1

(21) PCT/IL98/00229

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 120884 (32) **21 May/mai 1997 (21.05.1997)** (33) IL

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A63B 23/00**

- (54) ● APPARATUS AND METHOD FOR ALIGNING EXERCISE MACHINES
● APPAREIL ET PROCEDE D'ALIGNEMENT DE MACHINES D'EXERCICE

(71) **DANIEL BARTAL LTD.** [IL/IL]; Ha'amal Street 6, 59112 Bat Yam (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DANIEL, Nir** [IL/IL]; Sharett Street 39, 52413 Ramat Gan (IL).

(74) **EITAN, PEARL, LATZER & COHEN-ZEDEK**; Lumir House, Maskit Street 22, 46733 Herzelia (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/52650** (13) A1

(21) PCT/US98/10588

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 08/859,476 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A63B 23/16**

- (54) ● A FINGER EXERCISE AND REHABILITATION DEVICE
● APPAREIL DE MUSCULATION ET DE REEDUCATION POUR LES DOIGTS

(71, 72) **MACDONALD, John, R.** [US/US]; Suite E14, 1016 West Baltimore Pike, Media, PA 19063 (US).

(74) **MASSINGER, Douglas, Wm.**; Massinger Law Office, 113 N. Olive Street, Media, PA 19063 (US).

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

(11) **WO 98/52651** (13) A1

(21) PCT/GB98/01310

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 9710306.3 (32) **21 May/mai 1997 (21.05.1997)** (33) GB

(31) 9715070.0 (32) **18 Jul/juil 1997 (18.07.1997)** (33) GB

(31) 9722565.0 (32) **27 Oct/oct 1997 (27.10.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A63B 23/18**

- (54) ● RESPIRATORY MUSCLE TRAINING DEVICE
● DISPOSITIF D'ENTRAINEMENT POUR MUSCLES RESPIRATOIRES

(71, 72) **CARLYLE, James, William** [GB/GB]; 4 Albion Granary, Nene Quay, Wisbech, Cambridgeshire PE13 1HY (GB).

(74) **SHAW, Laurence**; Metropolitan House, 5th floor, 1 Hagley Road, Edgbaston, Birmingham B16 8TG (GB).

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

(11) **WO 98/52652** (13) A1

(21) PCT/US98/10625

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 08/862,831 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A63B 37/00, 37/12**

- (54) ● GOLF BALL FORMING COMPOSITIONS COMPRISING POLYAMIDE
● COMPOSITION POUR FORMER DES BALLEES DE GOLF CONTENANT DU POLYAMIDE

(71) **ACUSHNET COMPANY** [US/US]; 333 Bridge Street, Fairhaven, MA 02719 (US).

(72) **RAJAGOPALAN, Murali**; 11 Flagship Drive, South Dartmouth, MA 02748 (US).

(74) **JONES, Harry, C., III** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

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

(11) **WO 98/52653** (13) A1

(21) PCT/US98/10481

(22) **21 May/mai 1998 (21.05.1998)**

(25) en (26) en

(31) 08/861,095 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A63B 57/00**

- (54) ● GOLF TEE
● TE DE GOLF

(63) US 08/861,095 (CON)
21 May/mai 1997 (21.05.1997)

(71) **STARLING, Gina** (executrix for the deceased inventor / exécutrice testamentaire pour l'inventeur décédé) [US/US]; 6602 Lakebend Way, Greensboro, NC 27410 (US).

(71, 72) **EVANS, Peter, R.** [US/US]; 56 Troon Trace, Ponte Vedra Beach, FL 32082 (US).

(72) **WILLIAM, Tener** (deceased / décédé).

(74) **TAYLOR, W., R., Duke** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52654** (13) A1

(21) PCT/FR98/00989

(22) **18 May/mai 1998 (18.05.1998)**

(25) fr (26) fr

(31) 97/06408 (32) **20 May/mai 1997 (20.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A63B 69/00**

- (54) ● PANEL SUSPENSIONS RETURNING BALLS
● SUSPENSEUR DE PANNEAUX RENVOYANT DES BALLEES OU DES BALLONS

(71, 72) **TORRES, Rémy** [FR/FR]; Lieudit Château d'Allières, Impasse de la Cascade, F-38760 Varcès (FR).

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

(11) **WO 98/52655** (13) A1

(21) PCT/FR98/00987

(22) **18 May/mai 1998 (18.05.1998)**

(25) fr (26) fr

(31) 97/06220 (32) **16 May/mai 1997 (16.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A63B 69/34**

- (54) ● DYNAMIC TRAINING DEVICE FOR BOXING AND OTHER COMBAT SPORTS
● DISPOSITIF D'ENTRAINEMENT DYNAMIQUE A LA BOXE ET AUX SPORTS DE COMBAT

(71, 72) **DURAN, Arnaud** [FR/FR]; Place du Village, F-31380 Paulhac (FR). **COSTES, Thierry** [FR/FR]; Prade d'en Haut, F-31530 Lasserre (FR).

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

Published / Publiée : (c)

(11) **WO 98/52656** (13) A1

(21) PCT/DE98/01338

(22) **13 May/mai 1998 (13.05.1998)**

(25) de (26) de

(31) 297 08 922.6 (32) **21 May/mai 1997 (21.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A63B 69/38, 15/00**

- (54) ● TRAINING APPARATUS FOR RACKET SPORT PLAYERS
● APPAREIL D'ENTRAINEMENT POUR PERSONNES PRATIQUANT UN SPORT DE RAQUETTE

(71, 72) **SCHLOTTMANN, Frank, Erwin** [DE/DE]; Kastellweg 12, D-69120 Heidelberg (DE).

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

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(11) **WO 98/52657** (13) A1

(21) PCT/EP98/02478

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) de (26) de

(31) 297 08 829.7 (32) **17 May/mai 1997 (17.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A63C 11/22**

- (54) ● LENGTH-ADJUSTABLE TUBE, SPECIALLY FOR SKI POLES OR WALKING STICKS
● TUBE REGLABLE EN LONGUEUR, NOTAMMENT POUR BATONS DE SKI OU CANNES

(71, 72) **LENHART, Klaus** [DE/DE]; Mittlerer Weg 23, D-73230 Ohmden (DE).

(74) **FUHLENDORF, Jörn**; Dreiss, Fuhlendorf, Steimle & Becker, Gerokstrasse 6, D-70188 Stuttgart (DE).

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

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(11) **WO 98/52658** (13) A1

(21) PCT/IB97/00722

(22) **19 May/mai 1997 (19.05.1997)**

(25) en (26) en

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A63C 19/10, E01H 5/04**

- (54) ● TILLER WITH ADJUSTABLE DEPTH CUTTER AND SNOW COMB ENTRY ANGLE
● APPAREIL DE LABOURAGE DOTE D'UN DISPOSITIF DE COUPE EN PROFONDEUR ET D'UN ANGLE D'ENTREE DE PEIGNE DE DAMAGE DE NEIGE REGLABLES

(71) **LMC OPERATING CORP.** [US/US]; 2503 North Main Street, Logan, UT 84321 (US).

(72) **SINYKIN, William, B.**; 675 Maple Drive, Logan, UT 84321 (US).

(74) **OSBURN, A., Ray**; Mallinckrodt & Mallinckrodt, 317 First Security Bank Building, Ogden, UT 84401 (US).

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

(11) **WO 98/52659** (13) A1

(21) PCT/US98/10373

(22) **21 May/mai 1998 (21.05.1998)**

(25) en (26) en

(31) 60/047,493 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A63F 1/00**

- (54) ● EXTENDED HAND MODIFIED VIDEO POKER GAME SYSTEM AND METHOD OF PLAYING THE SAME
● SYSTEME DE JEU DE POKER VIDEO MODIFIE A MAIN DEVELOPEE ET PROCEDE DE JEU CORRESPONDANT

(71) **PTT, LLC** [US/US]; 68 High Point Road, Westport, CT 06880 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SINGER, Anthony, M.** [US/US]; 1 Oakwood Way, Robbinsville, NJ 08691 (US). **MARKS, Howard, M.** [US/US]; 68 High Point Road, Westport, CT 06880 (US).

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

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(11) **WO 98/52660** (13) A1

(21) PCT/AU98/00350

(22) **14 May/mai 1998 (14.05.1998)**

(25) en (26) en

(31) PO 6844 (32) **16 May/mai 1997 (16.05.1997)** (33) AU

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A63F 3/06**

- (54) ● LOTTERY GAME USING LETTERS
● JEU DE LOTERIE A LETTRES

(71) **MELFREDIAN ESQ (AUST) PTY. LTD.** [AU/AU]; 109 Queens Parade, Brighton, QLD 4017 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **JONES, Mark, Melfredian** [AU/AU]; 109 Queens Parade, Brighton, QLD 4107 (AU).

(74) **INTELLPRO**; Level D, 308 Edward Street, Brisbane, QLD 4000 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52661** (13) A1

(21) PCT/US98/10709

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 06/047,437 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **A63F 3/06**

- (54) ● INSTANT LOTTERY TICKET AND METHOD
● BILLET DE LOTERIE INSTANTANEE ET PROCEDE

(71, 72) **HEGGERTY, Eugene** [US/US]; 602 Woodthrust Court, Mount Laurel, NJ 08054 (US).

(74) **SIMPSON, Donald, C.**; 126 Borton Landing Road, Moorestown, NJ 08057-3044 (US).

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

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- (11) **WO 98/52662** (13) A1
 (21) PCT/ES97/00226
 (22) **17 Sep/sep 1997 (17.09.1997)**
 (25) es (26) es
 (31) P 9701101 (32) **21 May/mai 1997 (21.05.1997)** (33) ES
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A63F 9/12**
 (54) ● **THREE-DIMENSIONAL PUZZLE**
 ● **PUZZLE TRIDIMENSIONNEL**
 (71, 72) **DIAZ ESCAÑO, Jesús Manuel** [ES/ES]; Ed. Torre Mar, Bloque 3, Torres de la Viña, Torre del Mar, E-29740 Málaga (ES).
 (74) **URIZAR ANASAGASTI, José Antonio**; Puerto Rico 6A, Bajo, E-28016 Madrid (ES).
 (81) AU BR CA CN HU IL JP MX RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/52663** (13) A1
 (21) PCT/GB98/01457
 (22) **20 May/mai 1998 (20.05.1998)**
 (25) en (26) en
 (31) 9710388.1 (32) **21 May/mai 1997 (21.05.1997)** (33) GB
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A63F 9/22**
 (54) ● **COMPETITION METHOD AND MEANS**
 ● **PROCEDE ET APPAREIL PERMETTANT DE PRENDRE PART A UN JEU**
 (71, 72) **CONSTANTINE, William, Robert** [GB/GB]; 176 Wolviston Back Lane, Billingham, Teesside TS23 3RB (GB).
 (72, 75) **CONSTANTINE, William** [GB/GB]; 18 Lawson Road, Seaton Carew, Hartlepool, Cleveland TS12 1AD (GB).
 (74) **VIRR, Dennis, Austin**; Urquhart-Dykes & Lord, St. Nicholas Chambers, Amen Corner, Newcastle-upon-Tyne NE1 1PE (GB).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52664** (13) A1
 (21) PCT/US98/09895
 (22) **20 May/mai 1998 (20.05.1998)**
 (25) en (26) en
 (31) 08/861.092 (32) **20 May/mai 1997 (20.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A63F 9/22**
 (54) ● **GAMING DEVICE SECURITY SYSTEM: APPARATUS AND METHOD**
 ● **SYSTEME DE SECURITE DE DISPOSITIF DE JEU: APPAREIL ET PROCEDE**

- (71) **CASINO DATA SYSTEMS** [US/US]; 3300 Birtcher Drive, Las Vegas, NV 89118 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **WEISS, Steven, A.** [US/US]; 3300 Birtcher Drive, Las Vegas, NV 89118 (US). **CARLSON, Rex, R.** [US/US]; 3300 Birtcher Drive, Las Vegas, NV 89118 (US).
 (74) **KRETEN, Bernhard**; Suite 245, 77 Cadillac Drive, Sacramento, CA 95825 (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 MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TT UA UG US UZ VN; AP (GH GM KE LS MW SD SZ UG ZW); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/52665** (13) A1
 (21) PCT/US98/09894
 (22) **20 May/mai 1998 (20.05.1998)**
 (25) en (26) en
 (31) 08/858,470 (32) **20 May/mai 1997 (20.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A63F 9/24**
 (54) ● **METHOD AND APPARATUS FOR GAMING IN A SERIES OF SESSIONS**
 ● **APPAREIL ET PROCEDE PERMETTANT DE JOUER SUR UNE SERIE DE SESSIONS**
 (71) **CASINO DATA SYSTEMS** [US/US]; 3300 Birtcher Drive, Las Vegas, NV 89118 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **WEISS, Steven, A.** [US/US]; 3300 Birtcher Drive, Las Vegas, NV 89118 (US).
 (74) **KRETEN, Bernhard**; Suite 245, 77 Cadillac Drive, Sacramento, CA 95825 (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 MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TT UA UG US UZ VN; AP (GH GM KE LS MW SD SZ UG ZW); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (a)

- (11) **WO 98/52666** (13) A1
 (21) PCT/US98/10374
 (22) **21 May/mai 1998 (21.05.1998)**
 (25) en (26) en
 (31) 60/047,493 (32) **23 May/mai 1997 (23.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A63F 9/24**
 (54) ● **FIVE-ALIVE™ MODIFIED POKER GAME AND COMPUTER SYSTEM FOR IMPLEMENTING SAME**
 ● **JEU DE POKER MODIFIE, FIVE ALIVE™, ET SYSTEME INFORMATIQUE DE MISE EN OEUVRE**
 (71) **PTT, LLC** [US/US]; 68 High Point Road, Westport, CT 06880 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **MARKS, Howard, M.** [US/US]; 68 High Point Road, Westport, CT 06880 (US). **SINGER, Anthony, M.** [US/US]; 1 Oakwood Way, Robbinsville, NJ 08691 (US).
 (74) **DONNER, Irah, H.** et al. / etc.; Pepper Hamilton & Scheetz, 1300 Nineteenth Street, N.W., Washington, DC 20036-1685 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GH GM GW 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 GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52667** (13) A2
 (21) PCT/IL98/00224
 (22) **19 May/mai 1998 (19.05.1998)**
 (25) en (26) en
 (31) 120857 (32) **19 May/mai 1997 (19.05.1997)** (33) IL
 (31) 09/062,579 (32) **17 Apr/avr 1998 (17.04.1998)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A63H**
 (54) ● **PROGRAMMABLE ASSEMBLY TOY**
 ● **JOUET A ASSEMBLAGE PROGRAMMABLE**
 (71) **CREATOR LTD.** [IL/IL]; Rehov Gush Etzion 13, 54030 Givat Shmuel (IL).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **GABAI, Oz** [IL/IL]; Klee Street 14, 62336 Tel Aviv (IL). **GABAI, Jacob** [IL/IL]; Klee Street 12, 62336 Tel Aviv (IL). **SANDLERMAN, Nimrod** [IL/IL]; Hamatmeed Street 11, 52493 Ramat Gan (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52668** (13) A1
 (21) PCT/FR97/00869
 (22) **16 May/mai 1997 (16.05.1997)**
 (25) fr (26) fr
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **A63H 3/02, 9/00**
 (54) ● **MAKING DOLLS FROM KNITTED RECTANGLES**
 ● **FABRICATION DE POUPEES A PARTIR DE RECTANGLES TRICOTES**
 (71, 72) **SCHOTT, Madeleine** [FR/FR]; 4, rue du docteur Potain, F-75019 Paris (FR).

(81) IL; EP (AT BE CH DE DK ES FI FR 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 98/52669** (13) A1

(21) PCT/US98/10382

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 60/047,401 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B01D 20/085**

(54) ● STEAM PAN MANIPULATION DEVICE

● DISPOSITIF DE MANIPULATION DE RECIPIENT DE TABLE A VAPEUR

(71) **A BETTER WAY, INC.** [US/US]; 900 West Main Street, Norman, OK 73069 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARRIOTT, Victor, J.** [US/US]; 900 West Main Street, Norman, OK 73069 (US).

(74) **HARVEY, James, F., III**; Suite 136, 3750 West Main Street, Norman, OK 73072-4645 (US).

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

(11) **WO 98/52670** (13) A1

(21) PCT/EP98/02890

(22) **16 May/mai 1998 (16.05.1998)**

(25) de (26) de

(31) 197 21 427.4 (32) **22 May/mai 1997 (22.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B01D 29/07, F02M 37/22**

(54) ● SCREEN ELEMENT

● ELEMENT FILTRANT

(71) **FILTERWERK MANN+HUMMEL GMBH** [DE/DE]; D-71631 Ludwigsburg (DE).
(only for / seulement pour AT BE BR CA CH CY CZ DE DK ES FI FR GB GR IE IT JP KR LU MC NL PT SE)

(71) **OTTO KLUMPP GMBH KUNSTSTOFF-TECHNIK** [DE/DE]; Burgstrasse 18, D-72336 Balingen (DE).
(only for / seulement pour AT BE CA CH CY CZ DE DK ES FI FR GB GR IE IT LU MC NL PT SE)

(72, 75) **FÜHRER, Frank** [DE/DE]; Breslauer Strasse 2, D-74321 Bietigheim-Bissingen (DE). **PIE-RUSCHKA, Birgit** [DE/DE]; Goethestrasse 9, D-71576 Burgstetten 1 (DE). **SOMMER, Frank** [DE/DE]; Kandelstrasse 5, D-72336 Balingen (DE).

(74) **VOTH, Gerhard**; Filterwerk Mann+Hummel GmbH, D-71631 Ludwigsburg (DE).

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

(11) **WO 98/52671** (13) A1

(21) PCT/GB98/01477

(22) **21 May/mai 1998 (21.05.1998)**

(25) en (26) en

(31) 9710517.5 (32) **23 May/mai 1997 (23.05.1997)** (33) GB

(31) 9809299.2 (32) **1 May/mai 1998 (01.05.1998)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B01D 29/11, 29/41**

(54) ● FILTER DISC ASSEMBLY AND FILTER DISC CAPSULES

● ENSEMBLE FILTRE CIRCULAIRE ET CAPSULES A FILTRES CIRCULAIRES

(71) **FAIREY MICROFILTREX LIMITED** [GB/GB]; Fareham Industrial Park, Fareham, Hampshire PO16 8XG (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GRAY, Roy** [GB/GB]; 26 Strawberry Fields, Hedge End, Southampton SO30 4QY (GB). **WILLS, Marvin** [GB/GB]; 37 The Meadows, Fareham PO16 7UN (GB).

(74) **BARKER BRETTELL**; Medina Chambers, Town Quay, Southampton SO14 2AQ (GB).

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

Published / Publiée : (c)

(11) **WO 98/52672** (13) A1

(21) PCT/US98/09966

(22) **15 May/mai 1998 (15.05.1998)**

(25) en (26) en

(31) 08/862,721 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B01D 39/08, 46/52, B32B 5/06**

(54) ● PLEATABLE NONWOVEN COMPOSITE ARTICLE FOR GAS FILTER MEDIA

● PRODUIT COMPOSITE STRATIFIE NON TISSE, POUVANT ETRE PLISSE ET DESTINE A DES FILTRES A GAZ

(63) US 08/862,721 (CON)
23 May/mai 1997 (23.05.1997)

(71) **REEMAY, INC.** [US/US]; 70 Old Hickory Boulevard, Old Rickory, TN 07138 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MURPHY, William, F., Jr.** [US/US]; 2111 Swinnen Drive, Wilmington, DE 19810 (US).

(74) **LINKER, Raymond, O., Jr.** et al. / etc.; Bell Seltzer Intellectual Property Law Group, Alston & Bird LLP, P.O. Drawer 34009, Charlotte, NC 28234 (US).

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

(11) **WO 98/52673** (13) A1

(21) PCT/IL98/00216

(22) **10 May/mai 1998 (10.05.1998)**

(25) en (26) en

(31) 120907 (32) **25 May/mai 1997 (25.05.1997)** (33) IL

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B01D 45/12**

(54) ● CYCLONE SEPARATOR
● SEPARATEUR CYCLONE

(71) **VORTEX ECOLOGICAL TECHNOLOGIES LTD.** [IL/IL]; Kazenstein Street 13a, P.O. Box 10056, 2611 Mifratz Haifa (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MENCHER, Yury** [IL/IL]; Ahad Haam Street 11/16, 30303 Haifa (IL). **FICHMAN, Matitiah** [IL/IL]; Naamat Street 17/8, 34670 Haifa (IL).

(74) **AGRANOV, David**; Moriah Avenue 105, 34616 Haifa (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/52674** (13) A1

(21) PCT/JP97/01720

(22) **21 May/mai 1997 (21.05.1997)**

(25) ja (26) ja

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B01D 46/00**

(54) ● FILTER FOR COMPRESSED AIR
● FILTRE POUR AIR COMPRIME

(71) **MAEDA LIMITED** [JP/JP]; 76-4, Aza-Kanayama, Ikegane-cho, Okazaki-shi, Aichi 444-35 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAEDA, Sadao** [JP/JP]; Maeda Limited, 76-4, Aza-Kanayama, Ikegane-cho, Okazaki-shi, Aichi 444-35 (JP).

(74) **NAKASHIMA, Michio** et al. / etc.; Sohwa Patent Office, Toyo-Building, 14-16, Meieki 3-chome, Nakamura-ku, Nagoya-shi, Aichi 450 (JP).

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

(11) **WO 98/52675** (13) A1

(21) PCT/US98/10039

(22) **15 May/mai 1998 (15.05.1998)**

(25) en (26) en

(31) 861,616 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B01D 46/10**

(54) ● NESTABLE PLEATED FILTER

- FILTRE ONDULE EMPILABLE
- (71) **SUPERIOR FIBERS, INC.** [US/US]; 499 North Broad Street, P.O. Box 89, Bremen, OH 43107 (US).
- (72) **MILLER, William, D.**; Rt. 1, Box 107, Hideaway Hills, OH 43107 (US).
- (74) **FOSTER, Frank, H.**; Kremblas, Foster, Millard & Pollick, 7632 Slate Ridge Boulevard, Reynoldsburg, OH 43068 (US).
- (81) CA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/52676** (13) A1
(21) PCT/GB98/01455
(22) **20 May/mai 1998 (20.05.1998)**
(25) en (26) en
(31) 9710320.4 (32) **21 May/mai 1997 (21.05.1997)** (33) GB
(31) 9725823.0 (32) **6 Dec/déc 1997 (06.12.1997)** (33) GB
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **B01D 46/24**
(54) ● A COALESCING FILTER ELEMENT
● ELEMENT FILTRANT A COVALESCENCE
(71) **DOMNICK HUNTER LIMITED** [GB/GB]; Durham Road, Birtley, Co Durham DH3 2SF (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **SMITH, Stephen, Nicholas** [GB/GB]; 51 Elmway, Hilda Park, Chester Le Street, Co Durham DH2 2LX (GB).
(74) **BELCHER, Simon, James**; Urquhart-Dykes & Lord, Tower House, Merrion Way, Leeds LS2 8PA (GB).
(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/52677** (13) A1
(21) PCT/US98/10298
(22) **20 May/mai 1998 (20.05.1998)**
(25) en (26) en
(31) 859,651 (32) **20 May/mai 1997 (20.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **B01D 53/04**
(54) ● BULK STORAGE AND DISPENSING SYSTEM FOR FLUIDS
● SYSTEME DE STOCKAGE EN VRAC ET DE DISTRIBUTION DE FLUIDES
(63) US 08/859,651 (CIP)
20 May/mai 1997 (20.05.1997)
(71) **ADVANCED TECHNOLOGY MATERIALS, INC.** [US/US]; 7 Commerce Drive, Danbury, CT 06810 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **McMANUS, James, V.** [US/US]; 25 Padanaram Road, Danbury, CT 06811 (US). **BRESTOVANSKY, Dennis, F.** [US/US]; 23 Fawnwood Road, Sandy Hook, CT 06482 (US). **KIRLIN, Peter, S.** [US/US]; 11 Kingswood Drive #72, Bethel, CT 06801 (US).

- (74) **HULTQUIST, Steven, J.**; Intellectual Property/Technology Law, P.O. Box 14329, 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 IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52678** (13) A1
(21) PCT/US98/10337
(22) **20 May/mai 1998 (20.05.1998)**
(25) en (26) en
(31) 859,171 (32) **20 May/mai 1997 (20.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **B01D 53/04**
(54) ● MANUFACTURING PROCESS FOR GAS SOURCE AND DISPENSING SYSTEMS
● PROCEDE DE FABRICATION DE SYSTEMES DE STOCKAGE ET DE DISTRIBUTION DE GAZ
(71) **ADVANCED TECHNOLOGY MATERIALS, INC.** [US/US]; 7 Commerce Drive, Danbury, CT 06810 (US).
(72) **OLANDER, Karl, W.**; Apartment 301, 19616 Gulf Boulevard, Indian Shore, FL 33785 (US). **MCMANUS, James, V.**; 25 Pandanaram Road, Danbury, CT 06811 (US).
(74) **HULTQUIST, Steven, J.**; Intellectual Property/Technology Law, P.O. Box 14329, 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 IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52679** (13) A1
(21) PCT/DE98/01296
(22) **8 May/mai 1998 (08.05.1998)**
(25) de (26) de
(31) 197 20 653.0 (32) **16 May/mai 1997 (16.05.1997)** (33) DE
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **B01D 53/32, 53/94, B01J 19/08, F01N 3/08**
(54) ● METHOD AND DEVICE FOR ELIMINATING OXIDE POLLUTANTS IN AN EXHAUST GAS CONTAINING OXYGEN AND ENGINE OPERATING THEREBY
● PROCEDE ET DISPOSITIF POUR ELIMINER DES POLLUANTS DE TYPE OXYDE DANS UN GAZ D'EXHAUSTEMENT CONTENANT DE L'OXYGENE ET MOTEUR FONCTIONNANT DE FAÇON CORRESPONDANTE
(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) **BRÖER, Stefan** [DE/DE]; Steiufer 3, D-58739 Wickede (DE). **HAMMER, Thomas** [DE/DE]; Zeckener Hauptstrasse 5b, D-91334 Hemhofen (DE). **WITZEL, Frank** [DE/DE]; Konrad-Adenauer-Strasse 16, D-96215 Lichtenfels (DE).
(81) JP KR NO RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/52680** (13) A1
(21) PCT/CA98/00498
(22) **21 May/mai 1998 (21.05.1998)**
(25) en (26) en
(31) 60/047,319 (32) **21 May/mai 1997 (21.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **B01D 53/52, 53/48, D01F 13/00, C01B 17/22**
(54) ● REMOVAL OF CONTAMINANTS FROM GAS STREAMS IN RAYON PRODUCTION
● ELIMINATION DES CONTAMINANTS DES FLUX GAZEUX DANS LA PRODUCTION DE RAYONNE
(71) **TURBOTAK TECHNOLOGIES INC.** [CA/CA]; Suite A-14, 550 Parkside Drive, Waterloo, Ontario N2L 5V4 (CA).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **SPINK, Edward, F.** [CA/CA]; 323 Grant Crescent, Waterloo, Ontario N2K 2A3 (CA). **MUELLER, Christopher, R.** [CA/CA]; 18 Bankside Drive, Kitchener, Ontario LN2 3C9 (CA).
(74) **STEWART, Michael, I.**; 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52681** (13) A1
(21) PCT/KR98/00123
(22) **16 May/mai 1998 (16.05.1998)**
(25) en (26) en
(31) 1997/19125 (32) **17 May/mai 1997 (17.05.1997)** (33) KR
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **B01D 53/86, 53/94, 53/56, B01J 23/34, 23/84**
(54) ● METHOD FOR REMOVING NITROGEN OXIDES USING NATURAL MANGANESE ORES
● PROCEDE DESTINE A ELIMINER LES OXYDES D'AZOTE A L'AIDE DE MINERAL NATUREL DE MANGANESE
(71) **KOREA POWER ENGINEERING COMPANY, INC.** [KR/KR]; 87, Samsung-dong, Kangnam-ku, Seoul 135-090 (KR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **HONG, Sung, Ho** [KR/KR]; Woosung 1-cha Apt., 11-401, Seocho-2dong, Seocho-ku, Seoul 137-773 (KR). **CHANG, Hyun, Young** [KR/KR]; Yangzi-heights villa Ga-101, Neungpyoung-ri, Opo-myon, Gwangju-kun, Kyoungju 464-890 (KR). **HONG, Seok, Joo** [KR/KR]; Haitai Apt.,

803, Eungam-ldong 768, Eunpyoung-ku, Seoul 122-011 (KR). **KIM, Dong, Won** [KR/KR]; LG Apt. 207-1501, Muzigae maoul, Gumi-dong, Bundong-ku, Sungnam-si, Kyounggido 464-500 (KR). **HONG, Sung, Chang** [KR/KR]; Woosung 7-cha Apt., 110-303, Ilwon-dong, Kangnam-ku, Seoul 135-230 (KR). **PARK, Tae, Sung** [KR/KR]; 90, Dochun-dong, Tongyoung-si, Kyoungsangnamdo 650-110 (KR). **DOH, Dong, Sup** [KR/KR]; Jangmi 3-cha Apt., 2-1006, Sinchun-dong 11, Songpa-ku, Seoul 138-240 (KR).

(74) **LEE, Chul** et al. / etc.; 1543-12, Seocho-3dong, Seocho-ku, Seoul 137-073 (KR).

(81) CN DE JP US.

(11) **WO 98/52682** (13) A1

(21) PCT/US97/08550

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

(25) en (26) en

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B01D 59/44**

(54) ● CONFIGURATION OF AN ATMOSPHERIC PRESSURE ION SOURCE
● CONFIGURATION D'UNE SOURCE D'IONISATION A LA PRESSION ATMOSPHERIQUE

(71) **ANALYTICA OF BRANFORD, INC.** [US/US]; 29 Business Park Drive, Branford, CT 06405 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WHITEHOUSE, Craig, M.** [US/US]; 220 Pleasant Point Road, Branford, CT 06405 (US). **SANSONE, Michael, A.** [US/US]; 85 West Helen Street, Hamden, CT 06514 (US). **CATALANO, Clement** [US/US]; 30 Sunnybrook Lane, Clinton, CT 06413 (US).

(74) **COHEN, Morris, E.** et al. / etc.; Levisohn, Lerner, Berger & Langsam, Suite 2400, 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 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 VZ 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).

(11) **WO 98/52683** (13) A1

(21) PCT/JP98/02181

(22) **18 May/mai 1998 (18.05.1998)**

(25) ja (26) ja

(31) 9/142963 (32) **19 May/mai 1997 (19.05.1997)** (33) JP

(31) 10/132599 (32) **28 Apr/avr 1998 (28.04.1998)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B01D 71/68, 69/18, A61M 1/18**

(54) ● POLYSULFONE-BASE HOLLOW-FIBER HEMOCATHARTIC MEMBRANE AND PROCESSES FOR THE PRODUCTION THEREOF
● MEMBRANE HEMOCATHARTIQUE EN FIBRES CREUSES A BASE DE POLYSULFONE ET SES PROCEDES DE PRODUCTION

(71) **ASAHI MEDICAL CO., LTD.** [JP/JP]; 9-1, Kanda Mitoshirocho, Chiyoda-ku, Tokyo 101-8482 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUKE, Masaya** [JP/JP]; Dai2 Koanryo 203, 6-3, Kitashinkoji, Nobeoka-shi, Miyazaki 882-0834 (JP). **KUROKI, Toshiaki** [JP/JP]; 21-4, Sakuragaoka 1-chome, Nobeoka-shi, Miyazaki 882-0007 (JP). **TANAKA, Tsuyoshi** [JP/JP]; 1892-4, Onukimachi 6-chome, Nobeoka-shi, Miyazaki 882-0803 (JP).

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

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

(11) **WO 98/52684** (13) A1

(21) PCT/EP98/02821

(22) **13 May/mai 1998 (13.05.1998)**

(25) de (26) de

(31) 197 21 467.3 (32) **22 May/mai 1997 (22.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B01J 2/20, A61K 9/16, B29C 47/64**

(54) ● METHOD FOR PRODUCING SMALL-PARTICLE PREPARATIONS OF BIOLOGICALLY ACTIVE SUBSTANCES
● PROCEDE DE PREPARATION DE COMPOSITIONS A FINES PARTICULES DE SUBSTANCES BIOLOGIQUEMENT ACTIVES

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

(72, 75) **BREITENBACH, Jörg** [DE/DE]; Hans-Sachs-Ring 7a, D-68199 Mannheim (DE). **ZETTLER, Hans, Dieter** [DE/DE]; Bückelhaube 23, D-67269 Grünstadt (DE).

(74) **BASF AKTIENGESELLSCHAFT**; D-67056 Ludwigshafen (DE).

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

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(11) **WO 98/52685** (13) A1

(21) PCT/US98/11223

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 08/862,657 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B01J 19/00**

(54) ● VERSATILE FLUIDIZED BED REACTOR
● REACTEUR A LIT FLUIDISE POLYVALENT

(71) **KAYSER TECHNOLOGY, INC.** [US/US]; 15502 Oakmont Club Court, Houston, TX 77059 (US).

(72) **KAYSER, John, C.**; 4407 Walnut Pond Drive, Houston, TX 77059 (US).

(74) **MASON, Dwayne, L.**; Matthews, Joseph, Shaddox & Mason, L.L.P., P.O. Box 572957, Houston, TX 77257-2957 (US).

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

(11) **WO 98/52686** (13) A1

(21) PCT/US97/08862

(22) **22 May/mai 1997 (22.05.1997)**

(25) en (26) en

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B01J 31/00, 37/00, C08F 4/02, 4/60, 4/44, 2/00, C08G 85/00**

(54) ● METHOD FOR MAKING AND USING A PREPOLYMERIZED OLEFIN POLYMERIZATION CATALYST

● PROCEDE DE FABRICATION ET D'UTILISATION D'UN CATALYSEUR DE POLYMERISATION D'OLEFINES PREPOLYMERISEES

(71) **PHILLIPS PETROLEUM COMPANY** [US/US]; P.O. Box 2443, Bartlesville, OK 74005 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PALACKAL, Syriac, Joseph** [IN/US]; 2501 Dorchester, Bartlesville, OK 74006 (US). **WELCH, Melvin, Bruce** [US/US]; 4750 Lewis Drive, Bartlesville, OK 74006 (US). **STOUFFER, Carlton, E.** [US/US]; 1406 Quiet Green Court, Houston, TX 77062 (US). **NORWOOD, Donald, Dwight** [US/US]; 3011 Sheridan Road, Bartlesville, OK 74006 (US).

(74) **DOLLAR, Beverly, M.** et al. / etc.; Richmond, Hitchcock, Fish & Dollar, P.O. Box 2443, Bartlesville, OK 74005 (US).

(81) AU BR CA CN CZ HU IL JP KR MX NO PL SG TR 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 98/52687** (13) A1

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(25) en (26) en

(31) PCT/IB97/00575 (32) **20 May/mai 1997 (20.05.1997)** (33) WO

(34) CH et al. / etc.

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B01J 31/24, C07C 67/303**

(54) ● RUTHENIUM CATALYSTS AND THEIR USE IN THE ASYMMETRIC HYDROGENATION OF WEAKLY COORDINATING SUBSTRATES

● CATALYSEURS AU RUTHENIUM ET LEUR UTILISATION DANS L'HYDROGENATION ASYMETRIQUE DE SUBSTRATS A FAIBLE COORDINATION

(71) **FIRMENICH S.A.** [CH/CH]; 1, route des Jeunes, P.O. Box 239, CH-1211 Geneva 8 (CH).

(72) **DOBBS, Daniel, A.**; 25 Sidney Place, Metuchen, NJ 08840 (US). **VANHESSCHE, Koenraad, P., M.**; 236 Alexandria Way, Basking Ridge, NJ 07920 (US). **RAUTENSTRAUCH, Valentin**; 69, chemin de Saule, CH-1233 Bernex (CH).

(74) **SALVATERRA-GARCIA, Maria de Lurdes**; Firmenich S.A., P.O. Box 239, CH-1211 Geneva 8 (CH).

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

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(11) **WO 98/52688** (13) A1

(21) PCT/EP98/02916

(22) **18 May/mai 1998 (18.05.1998)**

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- (31) 197 21 368.5 (32) **22 May/mai 1997** (33) DE (22.05.1997)
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **B01J 35/04 // C07C 69/15**
- (54) ● METHOD FOR PRODUCING VINYL ACETATE
● PROCEDE DE PREPARATION D'ACETATE DE VINYLE
- (71) **HOECHST RESEARCH & TECHNOLOGY DEUTSCHLAND GMBH & CO. KG** [DE/DE]; Brüningstrasse 50, D-65929 Frankfurt am Main (DE).
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- (72, 75) **HAGEMeyer, Alfred** [DE/DE]; Gersthofer Strasse 11, D-65929 Frankfurt am Main (DE). **WERNER, Harald** [DE/DE]; Victor-Achard-Strasse 14a, D-61350 Bad Homburg (DE). **DINGERDISSEN, Uwe** [DE/DE]; Linneweg 1, D-64342 Seeheim-Jugenheim (DE).
- (81) AU BR CA CN CZ HU ID JP KR MX NO NZ PL RU SG TR US YU; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/52689** (13) A1
- (21) PCT/EP98/02098
- (22) **9 Apr/avr 1998 (09.04.1998)**
- (25) en (26) en
- (31) 08/857,998 (32) **16 May/mai 1997** (33) US (16.05.1997)
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **B01J 37/00, C08G 65/10**
- (54) ● PROCESS FOR RAPID ACTIVATION OF DOUBLE METAL CYANIDE CATALYSTS
● PROCEDE POUR ACTIVATION RAPIDE DE CATALYSEURS A CYANURE METALLIQUE DOUBLE
- (71) **ARCO CHEMICAL TECHNOLOGY, L.P.** [US/US]; Two Greenville Crossing, Suite 238, 4001 Kennett Pike, Greenville, DE 19807 (US).
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- (71) **ARCO CHEMIE TECHNOLOGIE NEDERLAND B.V.** [NL/NL]; (Theemsweg 14, 3197 KM Botlek Rotterdam), P.O. Box 7195, NL-3000 HD Rotterdam (NL).
(only for / seulement pour MN)
- (72) **HAYES, John, E.**; 17a, route de Boran, F-60270 Gouvieux (FR). **LANGSDORF, Leah, J.**; 516 N. Veronica Road, West Chester, PA 19380 (US). **ISAACS, Bruce, H.**; 48 Springhouse Lane, Media, PA 19063 (US). **ARMELLINI, Fred, J.**; 705 Moreland Road, Willow Grove, PA 19090 (US).
- (74) **CROPP, John, Anthony, 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52690** (13) A1
- (21) PCT/GB98/01391
- (22) **15 May/mai 1998 (15.05.1998)**

- (25) en (26) en
- (31) 9710037.4 (32) **16 May/mai 1997** (33) GB (16.05.1997)
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **B01J 49/00**
- (54) ● CONTROLLING RECHARGING OF WATER CONDITIONING APPARATUS
● COMMANDE DE LA REALIMENTATION D'UN ADOUCISSEUR D'EAU
- (71) **WATERSIDE PLC** [GB/GB]; 1 Crittal Drive, Springwood Industrial Estate, Essex CM7 7RT (GB).
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- (72, 75) **MACE, Tim** [GB/GB]; Plextek Limited, London Road, Great Chesterford, Essex CB10 1NY (GB).
- (74) **MOIR, Michael, Christopher** et al. / etc.; Mathys & Squire, 100 Grays Inn Road, London WC1X 8AL (GB).
- (81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/52691** (13) A1
- (21) PCT/CA98/00481
- (22) **15 May/mai 1998 (15.05.1998)**
- (25) en (26) en
- (31) 08/858,087 (32) **16 May/mai 1997** (33) US (16.05.1997)
- (31) 60/047,024 (32) **19 May/mai 1997** (33) US (19.05.1997)
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **B01L 3/00, G01N 33/50**
- (54) ● MICROFLUIDIC SYSTEM AND METHODS OF USE
● SYSTEME MICROFLUIDIQUE ET SES UTILISATIONS
- (71) **ALBERTA RESEARCH COUNCIL** [CA/CA]; 250 Karl Clark Road, Edmonton, Alberta T6H 5X2 (CA). **THE UNIVERSITY OF ALBERTA** [CA/CA]; 222 Campus Tower, 8625 112th Street, Edmonton, Alberta T6G 2E1 (CA).
- (72) **HARRISON, Daniel, Jed**; 8932 151 Street, Edmonton, Alberta T5R 1J2 (CA). **ANDERSSON, Per**; Apartment 9, 10530 79th Avenue, Edmonton, Alberta T6G 1R8 (CA). **LI, Paul, C., H.**; 20E, Block 17, Laguna City, Kwun Tong, Hong Kong (CN). **SZARKA, Roderick**; 11712 10th Avenue, Edmonton, Alberta T6J 7A6 (CA). **SMITH, Richard**; 1010 Buchanan Place, Edmonton, Alberta T6R 2A6 (CA). **SALIMI-MOOSAVI, Hossein**; Apartment 901, 8515 112 Street N.W., Edmonton, Alberta T6G 1K7 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52692** (13) A1
- (21) PCT/NZ98/00063

- (22) **22 May/mai 1998 (22.05.1998)**
- (25) en (26) en
- (31) 299809 (32) **22 May/mai 1997** (33) NZ (22.05.1997)
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **B01L 3/00, A61J 3/00**
- (54) ● RECONSTITUTION DEVICE
● DISPOSITIF DE RECONSTITUTION
- (71, 72) **BUDGEN, Christopher, John** [NZ/NZ]; Court Lodge, Main Road, Riwaka, RD3, Motueka 7161 (NZ).
- (74) **WEST-WALKER, Gregory, James** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52693** (13) A1
- (21) PCT/US98/08418
- (22) **1 May/mai 1998 (01.05.1998)**
- (25) en (26) en
- (31) 08/859,955 (32) **21 May/mai 1997** (33) US (21.05.1997)
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **B01L 3/14, 9/06, B65D 77/04, 21/02**
- (54) ● CONTAINER
● RECEPACLE
- (71) **ABBOTT LABORATORIES** [US/US]; CHAD 0377/AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-3500 (US).
- (72) **CLOONAN, Kevin, M.**; 33302 North Valleyview Drive, Round Lake, IL 60073 (US). **HANAGAN, Ted, J.**; 156 W. Austin Avenue, Libertyville, IL 60048 (US). **KIMLER, Kirk, M.**; 748 N. Allegheny Road, Grayslake, IL 60030 (US). **SAFAR, Scott, G.**; 8701 106th Avenue, Pleasant Prairie, WI 53153 (US).
- (74) **BACH, Mark, C.**; Abbott Laboratories, CHAD 0377/AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-3500 (US).
- (81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/52694** (13) A1
- (21) PCT/IL98/00234
- (22) **22 May/mai 1998 (22.05.1998)**
- (25) en (26) en
- (31) 08/862,372 (32) **23 May/mai 1997** (33) US (23.05.1997)
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **B02C 19/06**
- (54) ● CONTROLLED COMMINUTION OF MATERIALS IN A WHIRL CHAMBER

- PROCEDE DE BROUAGE CONTROLE DE MATERIAUX DANS UNE CHAMBRE A TURBULENCE
- (71) **SUPER FINE LTD.** [IL/IL]; South Industrial Area, P.O. Box 408, 10200 Kiryat Shmona (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BELIAVSKY, Yan** [IL/IL]; Keren Hayasod Street 18, 24952 Maalot (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52695** (13) A1
(21) PCT/FR98/01032
(22) **22 May/mai 1998 (22.05.1998)**
(25) fr (26) fr
(31) 97/06348 (32) **23 May/mai 1997 (23.05.1997)** (33) FR
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **B05B 1/24, B60S 1/52, H05B 3/12**

- (54) ● DEVICE FOR HEATING A SPRAY NOZZLE
● DISPOSITIF DE CHAUFFAGE D'UN GL-CLEUR
- (71) **INDERFLEX** [FR/FR]; Z.I du Chatelet, F-77820 Le Chatelet en Brie (FR).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **SULYAK, Péter** [HU/HU]; Erdősor u. 26, H-1046 Budapest (HU). **TORES, Denis** [FR/FR]; 16, rue de la Baste, F-77005 Vaux le Penil (FR).

- (74) **MONAIN, Patrice**; Bouju Derambure Bugnion, 52, rue de Monceau, 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 GM GW HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52696** (13) A1
(21) PCT/AU98/00377
(22) **21 May/mai 1998 (21.05.1998)**
(25) en (26) en
(31) PO 6928 (32) **21 May/mai 1997 (21.05.1997)** (33) AU
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **B05B 15/02, B65D 83/76**

- (54) ● DISPENSER OUTLET
● SORTIE DE DISTRIBUTEUR

- (71, 72) **TANCHEFF, Brian** [AU/AU]; 15 Broadbeach Road, Cape Woolamai, VIC 3925 (AU).

- (74) **GRANT, Michael, J.**; Patent Attorney Services, 26 Ellingworth Parade, Box Hill, VIC 3128 (AU).
- (81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52697** (13) A1
(21) PCT/US98/10587
(22) **22 May/mai 1998 (22.05.1998)**
(25) en (26) en
(31) 08/862,634 (32) **23 May/mai 1997 (23.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **B05C 3/00**

- (54) ● WASHING UNIT FOR JOINT SEAL IN A SEMICONDUCTOR BATH SYSTEM
● UNITE DE LAVAGE POUR L'ETANCHEITE D'UN JOINT DANS UN SYSTEME DE BAIN POUR SEMICONDUCTEUR

- (71) **MIRANDA, Henry, R.** [US/US]; 2244 Wellington Drive, Milpitas, CA 95035 (US).

- (74) **AKA, Gary, T.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111-3834 (US).

- (81) DE GB.

- (11) **WO 98/52698** (13) A1
(21) PCT/US98/09707
(22) **13 May/mai 1998 (13.05.1998)**
(25) en (26) en
(31) 08/862,274 (32) **23 May/mai 1997 (23.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **B05D 1/00, C04B 41/63, C09D 133/00**

- (54) ● FAST-SETTING LATEX COATINGS AND FORMULATIONS
● REVETEMENTS ET FORMULATIONS DE LATEX A FIXAGE RAPIDE

- (71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).

- (72) **HARRIS, John, K.**; 323 Kent Court, Midland, MI 48642 (US). **ROSE, Gene, D.**; 216 East Saint Andrews Road, Midland, MI 48642 (US). **SCHMIDT, Donald, L.**; 2412 Saint Marys, Midland, MI 48640 (US).

- (74) **WILLIS, Reid, S.**; 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52699** (13) A1
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(31) 9/131859 (32) **22 May/mai 1997 (22.05.1997)** (33) JP

- (43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **B05D 1/18, C04B 9/02, C23C 22/48**

- (54) ● WATER-BASED LIQUID TREATMENT FOR ALUMINUM AND ITS ALLOYS
● TRAITEMENT LIQUIDE A BASE AQUEUSE POUR L'ALUMINIUM ET SES ALLIAGES

- (71) **HENKEL CORPORATION** [US/US]; Suite 200, 2500 Renaissance Boulevard, Gulph Mills, PA 19406 (US).
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- (72, 75) **NAKADA, Kazuya** [JP/JP]; B-302, Bluewing Minami 134, Koedo-cho Utsunomiya-shi, Tochigi-ken 321-0951 (JP). **KAWAGUCHI, Motoki** [JP/JP]; A-103, Deecentinn 1-15-20, Kiyoharadai Utsunomiya-shi, Tochigi-ken 321-3223 (JP). **MAEDA, Kazuhiro** [JP/JP]; B-201, Meson Park-side, 896-3, Niibori Kumagaya-shi, Saitama-ken 360-0841 (JP).

- (74) **WISDOM, Norwell, E., Jr.**; Henkel Corporation, Suite 200, 2500 Renaissance Boulevard, Gulph Mills, PA 19406 (US).

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

- (11) **WO 98/52700** (13) A1
(21) PCT/US98/10624
(22) **22 May/mai 1998 (22.05.1998)**
(25) en (26) en

- (31) 08/862,304 (32) **23 May/mai 1997 (23.05.1997)** (33) US
(31) 08/868,409 (32) **3 Jun/juin 1997 (03.06.1997)** (33) US

- (43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **B05D 1/26, C09D 11/10, C08F 2/46**

- (54) ● METHOD AND COMPOSITIONS FOR DECORATING GLASS
● PROCEDE ET COMPOSITION POUR DECORER DU VERRE

- (71) **REVLON CONSUMER PRODUCTS CORPORATION** [US/US]; 625 Madison Avenue, New York, NY 10022 (US).

- (72) **KAMEN, Melvin, E.**; 160 Portland Road, Highlands, NJ 07732 (US). **HU, Ming**; 406 Keswick Lane, Piscataway, NJ 08854 (US).

- (74) **FLINTOFT, Gerald, J.** 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 GW HU ID IL IS JP KG KP KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA UZ VN YU; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52701** (13) A1

- (21) PCT/US98/10203

(22) 19 May/mai 1998 (19.05.1998)

(25) en (26) en

(31) 08/859,848 (32) 21 May/mai 1997 (33) US
(21.05.1997)(31) 08/886,497 (32) 1 Jul/juil 1997 (33) US
(01.07.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ B05D 3/00, 3/02, 3/04, 1/18, A01G 23/08, F26B
7/00, 5/04, 3/00, 3/04(54) ● PROCESS FOR TREATING GREEN WOOD
AND ACCELERATING DRYING OF GREEN
WOOD● PROCEDE DE TRAITEMENT ET
D'ACCELERATION DU SECHAGE DU
BOIS VERT(71, 72) ELDER, Danny, J. [US/US]; Route 5, 110B,
Kirbyville, TX 75956 (US).(74) RIDDLE, Eugene, N.; Bush, Riddle & Jackson,
L.L.P., Suite 180, 950 Echo Lane, Houston, TX
77024 (US).(81) AU BR CA CN CU GE HU JP KE KP KR LK MG
MK MX NO NZ PL RO RU SG TR UA UG VN;
AP (GH GM KE LS MW SD SZ UG ZW); EA
(AM AZ BY KG KZ MD RU TJ TM); EP (AT BE
CH CY DE DK ES FI FR GB GR IE IT LU MC
NL PT SE); OA (BF BJ CF CG CI CM GA GN
ML MR NE SN TD TG).

(11) WO 98/52702 (13) A1

(21) PCT/US97/08471

(22) 20 May/mai 1997 (20.05.1997)

(25) en (26) en

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ B07C 7/04, B42F 17/00(54) ● MANUAL SORTING APPARATUS FOR PA-
PER PRODUCTS● DISPOSITIF DE CLASSEMENT MANUEL
POUR ARTICLES EN PAPIER(71) SAVASORT, INC. [US/US]; P.O. Box 2428, West
Palm Beach, FL 33402-2428 (US).*(for all designated States except / pour tous les États
désignés sauf US)*(72, 75) ELMORE, Phillip [US/US]; 14550 Crazy
Horse Lane, Palm Beach Gardens, FL 33418 (US).(74) HALEY, Barry, L.; Malin, Haley, DiMaggio
& Crosby, P.A., Suite 1609, One East Broward
Boulevard, Fort Lauderdale, FL 33301 (US).(81) US; EP (AT BE CH DE DK ES FI FR GB GR IE
IT LU MC NL PT SE).

(11) WO 98/52703 (13) A1

(21) PCT/JP97/01673

(22) 19 May/mai 1997 (19.05.1997)

(25) ja (26) ja

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ B09B 5/00

(54) ● WASTE DISPOSING METHOD

● PROCEDE D'EVACUATION DES DECHETS

(71) AIKOH CO., LTD. [JP/JP]; 1-39, Ikenohata
2-chome, Taito-ku, Tokyo 110 (JP).*(for all designated States except / pour tous les États
désignés sauf US)*(72, 75) TAKASHIMA, Masaru [JP/JP]; Sumitomo
Shibaura Heights 1403, 16-36, Shibaura 4-chome,
Minato-ku, Tokyo 108 (JP).(74) YAGITA, Shigeru et al. / etc.; Bussan Bui-
ding Bekkan, 1-15, Nishi Shimbashi 1-chome, Mi-
nato-ku, Tokyo 105 (JP).(81) BR CA CN JP KR MX NO US; EP (AT CH DE
FI FR GB IT SE).

(11) WO 98/52704 (13) A1

(21) PCT/EP98/03017

(22) 18 May/mai 1998 (18.05.1998)

(25) en (26) en

(31) 60/047,215 (32) 20 May/mai 1997 (33) US
(20.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ B09C 1/06

(54) ● REMEDIATION METHOD

● PROCEDE DE DEGRADATION

(71) SHELL INTERNATIONALE RESEARCH
MAATSCHAPPIJ B.V. [NL/NL]; Carel van
Bylandtlaan 30, NL-2596 HR The Hague (NL).
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désignés sauf CA)*(71) SHELL CANADA LIMITED [CA/CA]; 400 - 4th
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(only for / seulement pour CA)(72) MIKUS, Thomas; 906 Coachlight Drive, Houston,
TX 77077 (US). DE ROUFFIGNAC, Eric; 411
Highland, Houston, TX 77079 (US). VINEGAR,
Harold, J.; 5219 Yarwell, Houston, TX 77096
(US).(81) AL AM AT AU AZ BA BB BG BR BY CA CH
CN CU CZ DE DK EE ES FI GB GE GH GM
GW HU ID IL IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MD MG MK MN MW MX NO
NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT UA UG UZ VN YU ZW; AP (GH GM KE
LS MW SD SZ UG ZW); EA (AM AZ BY KG
KZ MD RU TJ TM); EP (AT BE CH CY DE DK
ES FI FR GB GR IE IT LU MC NL PT SE); OA
(BF BJ CF CG CI CM GA GN ML MR NE SN
TD TG).

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(11) WO 98/52705 (13) A1

(21) PCT/EP98/02896

(22) 16 May/mai 1998 (16.05.1998)

(25) de (26) de

(31) 197 21 586.6 (32) 23 May/mai 1997 (33) DE
(23.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ B21F 27/00(54) ● THREE-DIMENSIONAL LATTICE STRUC-
TURE AND METHOD AND DEVICE FOR
PRODUCING THE SAME● STRUCTURE RETICULAIRE TRIDIMEN-
SIONNELLE, PROCEDES ET DISPOSITIF
PERMETTANT DE LA PRODUIRE(71) JONATHAN AEROSPACE MATERIALS
EUROPE AB [SE/SE]; Kungsgatan 16, S-753
32 Uppsala (SE). JONATHAN AEROSPACE
MATERIALS CORPORATION [US/US]; 17
Jonspin Road, Wilmington, MA 01887-1020 (US).(72) PRILUCK, Jon; 42 Gardener Street, Brighton,
MA 02135-1326 (US). WILLIAMS, Matti, I.;
7 Manton Terrace, Allston, MA 02134-4505 (US).(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 GM KE LS MW SD SZ UG ZW);
EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT
BE CH CY DE DK ES FI FR GB GR IE IT LU
MC NL PT SE); OA (BF BJ CF CG CI CM GA
GN ML MR NE SN TD TG).

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(21) PCT/AT98/00131

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(31) A 888/97 (32) 23 May/mai 1997 (33) AT
(23.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ B22D 11/06(54) ● CASTING CYLINDER FOR THIN-BAND
CONTINUOUS CASTING INSTALLATION● CYLINDRE DE COULEE POUR UNE INS-
TALLATION DE COULEE CONTINUE DE
BANDES MINCES(71) VOEST-ALPINE INDUSTRIEANLAGENBAU
GMBH [AT/AT]; Turmstrasse 44, A-4020 Linz
(AT).*(for all designated States except / pour tous les États
désignés sauf US)*(72, 75) LINDORFER, Bruno [AT/AT]; Klausenbachs-
trasse 44, A-4020 Linz (AT). HOHENBICHLER,
Gerald [AT/AT]; Severinusstrasse 11/7, A-4470
Enns (AT).(74) KOPECKY, Helmut et al. / etc.; Wipplingers-
trasse 32/22, A-1010 Wien (AT).(81) AU CN JP KR US; EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE).

(11) WO 98/52707 (13) A1

(21) PCT/FR98/00965

(22) 14 May/mai 1998 (14.05.1998)

(25) fr (26) fr

(31) 97/06407 (32) 20 May/mai 1997 (33) FR
(20.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ B22D 11/06, C22F 1/04(54) ● METHOD FOR MAKING ALUMINIUM
ALLOY STRIPS BY CONTINUOUS THIN
GAUGE TWIN-ROLL CASTING● PROCEDE DE FABRICATION DE BANDES
EN ALLIAGES D'ALUMINIUM PAR COU-
LEE CONTINUE MINCE ENTRE CY-
LINDRES(71) PECHINEY RHENALU [FR/FR]; Tour Manhat-
tan, 6, place de l'Iris, La Défense 2, F-92400 Cour-
bevoie (FR).*(for all designated States except / pour tous les États
désignés sauf US)*(72, 75) HOFFMANN, Jean-Luc [FR/FR]; 6, avenue
Marius Chorot, Les Tuileries, F-38430 Moirans
(FR). CORTES, Marcel [FR/FR]; 14, rue Ampère,
Froges, F-38190 Brignoud (FR).(74) MOUGEOT, Jean-Claude; Péchiney, 28, rue de
Bonnell, F-69433 Lyon Cedex 03 (FR).

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

(11) **WO 98/52708** (13) A1

(21) PCT/JP98/02240

(22) **21 May/mai 1998 (21.05.1998)**

(25) ja (26) ja

(31) 9/148479 (32) **23 May/mai 1997 (23.05.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B22D 41/46, 11/10**

- (54) ● FILLING SAND FOR APPARATUS FOR SLIDABLY OPENING AND CLOSING LADLES
● SABLE DE REMPLISSAGE POUR APPAREIL AUX FINS DE L'OUVERTURE ET DE LA FERMETURE COULISSANTES DE POCHE DE COULEE

(71) **NKK CORPORATION** [JP/JP]; 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAKASUGI, Hideto** [JP/JP]; NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **TANO, Manabu** [JP/JP]; NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **ISHII, Takeshi** [JP/JP]; NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **AKAI, Shinichi** [JP/JP]; NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **SHIRAYAMA, Akira** [JP/JP]; NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **NAKASHIMA, Hirohisa** [JP/JP]; NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(74) **TAKAYAMA, Hiroshi**; Shin-Yokohama IC Building, 6th floor, 18-9, Shin-Yokohama 3-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP).

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

(11) **WO 98/52709** (13) A2

(21) PCT/DE98/01410

(22) **22 May/mai 1998 (22.05.1998)**

(25) de (26) de

(31) 197 21 595.5 (32) **23 May/mai 1997 (23.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B22F**

- (54) ● METHOD AND POWDER FOR PRODUCING METAL FUNCTIONAL MODELS
● PROCEDE ET POUDDRE POUR LA PRODUCTION DE MODELES FONCTIONNELS METALLIQUES

(71) **ATZ-EVUS ANWENDUNGSTECHNIK-UND TECHNIZENTRUM FÜR ENERGIEVERFAHRENS-, UMWELT-UND STRÖMUNGSTECHNIK** [DE/DE]; Kropfersrichter Strasse 6-8, D-92237 Sulzbach-Rosenberg (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LANG, Adolf** [DE/DE]; Wacholderweg 15, D-90552 Röthenbach (DE). **BINDER, Dietmar** [DE/DE]; Hornthalstrasse 8, D-96047 Bamberg (DE).

(74) **GASSNER, Wolfgang**; Nürnberger Strasse 69/71, D-91052 Erlangen (DE).

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

(11) **WO 98/52710** (13) A1

(21) PCT/EP98/02868

(22) **15 May/mai 1998 (15.05.1998)**

(25) de (26) de

(31) 197 20 823.1 (32) **16 May/mai 1997 (16.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B23B 29/02**

- (54) ● TOOL WITH A BASE BODY AND METHOD FOR FORMING BORES IN A WORK PIECE USING SUCH A TOOL
● OUTIL COMPORTANT UN CORPS DE BASE ET PROCEDE PERMETTANT DE PRATIQUER DES ALESAGES DANS UNE PIECE A L'AIDE D'UN TEL OUTIL

(71) **MAPAL FABRIK FÜR PRÄZISIONSWERKZEUGE** [DE/DE]; Obere Bahnstrasse 13, D-73431 AALEN (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KURZ, Artur** [DE/DE]; Zollernstrasse 16, D-73240 Wendlingen (DE).

(74) **GLEISS, Alf-Olav** et al. / etc.; Maybachstrasse 6A, D-70469 Stuttgart (DE).

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

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(11) **WO 98/52711** (13) A1

(21) PCT/SE98/00900

(22) **14 May/mai 1998 (14.05.1998)**

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(31) 9701900-4 (32) **22 May/mai 1997 (22.05.1997)** (33) SE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B23B 29/04, 29/12**

- (54) ● HOLDER FOR TURNING OPERATION
● PORTE-OUTIL DESTINE AU TOURNAGE

(71) **SANDVIK AKTIEBOLAG** [SE/SE]; S-811 81 Sandviken (SE).

(72) **HANSSON, Per**; Iggövägen 57, S-805 96 Gävle (SE). **BRASK, Karl-Göran**; 985 Bukit Timah Road #02-01, Bauhinia Court, Singapore 589627 (SG).

(74) **TÅQUIST, Lennart**; Sandvik Aktiebolag, Patent Dept., S-811 81 Sandviken (SE).

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

Published / Publiée : (a)

(11) **WO 98/52712** (13) A1

(21) PCT/DK98/00205

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 0580/97 (32) **21 May/mai 1997 (21.05.1997)** (33) DK

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B23D 63/16, 63/10**

- (54) ● METHOD AND SYSTEM FOR SHARPENING TEETH ON SAW CHAINS
● PROCEDE ET APPAREIL D'AFFUTAGE DES DENTS D'UNE SCIE A CHAINE

(71, 72) **SPANG, Kaare** [DK/DK]; Heshbjergvej 11, DK-5491 Blommenslyst (DK).

(74) **K. SKØTT-JENSEN PATENTINGENIÖRER 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 GM GW HÚ ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52713** (13) A1

(21) PCT/US98/10553

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 08/862,481 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B23K 9/16**

- (54) ● METHOD AND DEVICE FOR CONTROLLING PIPE WELDING
● PROCEDE ET DISPOSITIF DE GESTION DU SOUDAGE DE TUBES

(71, 72) **BAREFOOT, Byron, G.** [US/US]; 8432 Quarry Road, Manassas, VA 20110 (US).

(74) **DUTTON, Harold, H., Jr.**; Suite 301, 8711 Plantation Lane, P.O. Box 3110, Manassas, VA 20108 (US).

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

(11) **WO 98/52714** (13) A1

(21) PCT/JP98/02235

(22) **21 May/mai 1998 (21.05.1998)**

(25) ja (26) ja

(31) 9/133807 (32) **23 May/mai 1997 (23.05.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B23K 26/00**

- (54) ● MARKING POSITION CONTROLLER FOR LASER MARKER
● UNITE DE COMMANDE DE POSITION DE MARQUAGE POUR SYSTEME DE MARQUAGE A LASER

(71) **KOMATSU LTD.** [JP/JP]; 3-6, Akasaka 2-chome, Minato-ku, Tokyo 107-0052 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MATSUMURA, Yukinori** [JP/JP]; Kenkyusho of Komatsu Ltd., 1200, Manda, Hiratsuka-shi, Kanagawa 254-0913 (JP). **ICHIHARA, Masashi** [JP/JP]; Electronics-Jigyo-Honbu of Komatsu Ltd., 2597, Shinomiya, Hiratsuka-shi, Kanagawa 254-0014 (JP).

(74) **KIMURA, Takahisa** et al. / etc.; 6F, Sendai Building, 8-11 Minato 1-chome, Chuo-ku, Tokyo 104-0043 (JP).

(81) DE US.

(11) **WO 98/52715** (13) A1

(21) PCT/US98/10388

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 60/047,518 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B23Q 11/08**

(54) ● MACHINE TOOL HAVING AN ARCUATE COVER
● MACHINE-OUTIL DOTEE D'UN COUVERCLE INCURVE

(71) **OKUMA AMERICA CORPORATION** [US/US]; P.O. Box 7866, Charlotte, NC 28241-7866 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHWARTZ, Larry, G.** [US/US]; 2520 English Meadow, Charlotte, NC 28226 (US).

(74) **COOPER, Jason, P.** et al. / etc.; Bell Seltzer Intellectual Property Law Group, Alston & Bird LLP, P.O. Drawer 34009, Charlotte, NC 28234 (US).

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

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(11) **WO 98/52716** (13) A1

(21) PCT/DE98/01120

(22) **22 Apr/avr 1998 (22.04.1998)**

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(31) 197 20 691.3 (32) **16 May/mai 1997 (16.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B24B 23/06**

(54) ● BELT GRINDER
● MEULEUSE A BANDE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).

(72) **BERNER, Gerd**; Alte Dorfstrasse 34, D-70599 Stuttgart (DE). **SCHADOW, Joachim**; Junoweg 12, D-70565 Stuttgart (DE).

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

(11) **WO 98/52717** (13) A1

(21) PCT/US98/10210

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 08/858,749 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B24D 13/14, 13/12, 18/00**

(54) ● FOAM BUFFING PAD AND METHOD OF MANUFACTURE THEREOF
● TAMPON DE LUSTRAGE EN MOUSSE ET PROCEDE DE FABRICATION

(71) **LAKE COUNTRY MANUFACTURING, INC.** [US/US]; P.O. Box 559, Hartland, WI 53089 (US).

(72) **HORNBY, David, M.**; W248 N7327 Micah Road, Sussex, WI 53089 (US). **McLAIN, Scott, S.**; 7070 Mallard Crossing, Wind Lake, WI 53185 (US). **KAISER, Richard, A.**; N84 W28518 Center Oak Road, Hartland, WI 53029 (US).

(74) **JOCHMAN, Joseph, J., Jr.** et al. / etc.; Andrus, Scaales, Starke & Sawall, LLP, Suite 1100, 100 East Wisconsin Avenue, Milwaukee, WI 53202 (US).

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

(11) **WO 98/52718** (13) A1

(21) PCT/FI98/00425

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) U970264 (32) **21 May/mai 1997 (21.05.1997)** (33) FI

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B25B 1/22, B25H 1/10, A01K 97/26, F16M 11/14, B23Q 3/04 // B25B 11/00, F16C 11/06, 11/10**

(54) ● STAND COMPRISING A BALL AND A CUP-LIKE SOCKET
● SUPPORT COMPRENANT UNE ROTULE ET UN LOGEMENT CUPULIFORME

(71) **ATIKARI OY** [FI/FI]; Toivolantie, FIN-32800 Kokemäki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAAKSONEN, Kari** [FI/FI]; Toivolantie, FIN-32800 Kokemäki (FI).

(74) **PAPULA REIN LAHTELA OY**; Fredrikinkatu 61 A, P.O. Box 981, 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52719** (13) A1

(21) PCT/GB98/01432

(22) **18 May/mai 1998 (18.05.1998)**

(25) en (26) en

(31) 9709994.9 (32) **17 May/mai 1997 (17.05.1997)** (33) GB

(31) 9717704.2 (32) **22 Aug/août 1997 (22.08.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B25B 5/16, 1/24**

(54) ● CLAMPING SYSTEM
● SYSTEME DE FIXATION

(71, 72) **BATT, Steven** [GB/GB]; Concept Precision, Albion Works, Keighley Road, Bingley BD16 2RD (GB).

(74) **WHARTON, Peter, Robert**; Urquhart-Dykes & Lord, Inventions House, Valley Court, Canal Road, Bradford, West Yorkshire BD1 4SP (GB).

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

(11) **WO 98/52720** (13) A1

(21) PCT/US98/10441

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 08/862,555 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B25B 13/50**

(54) ● LOW FRICTION POWER TONG JAW ASSEMBLY
● ENSEMBLE MACHOIRE DE CLE DE VISAGE A COMMANDE PNEUMATIQUE A FAIBLE COEFFICIENT DE FROTTEMENT

(63) US Not furnished / non communiqué (CIP)
Not furnished / non communiquée

(71, 72) **BUCK, David, A.** [US/US]; 1348 Sawmill Highway, Breaux Bridge, LA 70517 (US). **BANGERT, Daniel, S.** [US/US]; 156 Beau Coteau Parkway, Broussard, LA 70518 (US).

(74) **FOSTER, Lance, A.** et al. / etc.; P.O. Box 15928, Baton Rouge, LA 70895-5928 (US).

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

(11) **WO 98/52721** (13) A1

(21) PCT/EP98/02934

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) B097A000301 (32) **20 May/mai 1997 (20.05.1997)** (33) IT

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B25B 17/02, B60B 29/00**

(54) ● A PORTABLE TOOL FOR LOOSENING AND TIGHTENING THREADED FASTENERS SUCH AS SCREWS, NUTS AND THE LIKE

● DISPOSITIF DE COMMANDE PORTATIF POUR DESSERRER ET RESSERRER DES MOYENS DE RACCORDEMENT FILETES COMME DES VIS, DES EROUS ET SIMILAIRES

(71) **LOCK S.R.L.** [IT/IT]; Via Fabrizi, 2/F, Fraz. Montale, I-41050 Castelnuovo Rangone (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARTINELLI, Marco** [IT/IT]; Brico Elettronica S.r.l., Via Nicoli, 21/23, I-41100 Modena (IT).

(74) **PROVVISIONATO, Paolo**; Provvisionato & Co. S.r.l., Via Mascarella, 85, I-40126 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/52722** (13) A1

(21) PCT/IT98/00125

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) VR97A000041 (32) **20 May/mai 1997 (20.05.1997)** (33) IT

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B25B 31/00**

(54) ● DEVICE FOR REMOVING WALL PLUGS OR DOWELS
● DISPOSITIF PERMETTANT D'ENLEVER DES CHEVILLES OU DES TAMPONS

(71, 72) **COLTRO, Davide** [IT/IT]; Via Prina, 15, I-37136 Verona (IT).

(74) **SANDRI, Sandro**; Europatent s.a.s., Via Locatelli, 20, I-37122 Verona (IT).

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

Published / Publiée : (c)

(11) **WO 98/52723** (13) A1

(21) PCT/GB98/01430

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 9710312.1 (32) **21 May/mai 1997 (21.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B25H 1/00**

(54) ● DRILL GUIDE WITH DUST COLLECTOR AND DETECTOR FOR SENSING HIDDEN ITEMS
● GUIDE-FORÉT MUNI D'UN COLLECTEUR DE POUSSIÈRE ET DETECTEUR POUR DETECTER DES OBJETS CACHÉS

(71, 72) **WILKINS, Paul, Gordon** [GB/GB]; 51 Old School Lane, Milton, Cambridge CB4 6BS (GB).
BRAIN, Robert, Gilbert [GB/GB]; Temple Cottage, 21 Elvendon Road, Goring-on-Thames, South Oxon RG8 0DP (GB).

(74) **STONE, Patrick**; 28 Edenside Drive, Atteborough, Norfolk BR17 2EL (GB).

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

Published / Publiée : (c)

(11) **WO 98/52724** (13) A1

(21) PCT/JP98/02241

(22) **21 May/mai 1998 (21.05.1998)**

(25) ja (26) ja

(31) 9/146001 (32) **21 May/mai 1997 (21.05.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B25J 19/00**

(54) ● ROBOT DEVICE
● DISPOSITIF ROBOTIQUE

(71) **FANUC LTD** [JP/JP]; 3580, Shibokusa Aza-Komanba, Oshino-mura, Minamitsuru-gun, Yamanashi 401-0597 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HASHIMOTO, Yoshiaki** [JP/JP]; 299-40, Ochiai, Hadano-shi, Kanagawa 257-0025 (JP).
SHIMODA, Yasuyuki [JP/JP]; Room 11-405, Fanuc Manshonharimomi, 3517, Shibokusa, Oshino-mura, Minamitsuru-gun, Yamanashi 401-0511 (JP).

(74) **TAKEMOTO, Shoji** et al. / etc.; 2F., Yamagata Building, 23-10, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

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

(11) **WO 98/52725** (13) A1

(21) PCT/EP98/01836

(22) **28 Mar/mar 1998 (28.03.1998)**

(25) de (26) de

(31) 197 21 336.7 (32) **22 May/mai 1997 (22.05.1997)** (33) DE

(31) 197 33 855.0 (32) **5 Aug/août 1997 (05.08.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B26D 7/30, A23B 4/06, A23L 3/36**

(54) ● METHOD FOR DIVIDING A CUBED BLOCK OF DEEP FROZEN FOOD INTO PORTIONS WITH A PRECISE VOLUME
● PROCÉDE POUR PREPORTIONNER EN PORTIONS D'UN VOLUME PRÉCIS UN BLOC PARALLELEPIPEDIQUE D'UN PRODUIT ALIMENTAIRE SURGÉLÉ

(71) **HEINZ NIENSTEDT MASCHINENFABRIK GMBH** [DE/DE]; Recklinghäuser Strasse 90-92, D-45721 Haltern (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROSENBERGER, Jörg** [DE/DE]; Kardinal-von-Galen-Strasse 12, D-45721 Haltern (DE).

(74) **COHAUSZ & FLORACK**; Kanzlerstrasse 8a, D-40472 Düsseldorf (DE).

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

Published / Publiée : (c)

(11) **WO 98/52726** (13) A1

(21) PCT/FR98/00920

(22) **7 May/mai 1998 (07.05.1998)**

(25) fr (26) fr

(31) 97/06276 (32) **16 May/mai 1997 (16.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B26F 1/26**

(54) ● METHOD AND DEVICE FOR CONTINUOUS PERFORATION OF A THERMOPLASTIC FILM BY A GRID WITH ELLIPTICAL OPENINGS
● METHODE AINSI QUE DISPOSITIF POUR LE PERCEMENT EN CONTINU D'UN FILM THERMOPLASTIQUE PAR UNE GRILLE AVEC OUVERTURES EN FORME D'ELLIPSE

(71) **GUIAL** [FR/FR]; 56, impasse Edison, F-69400 Villefranche sur Saône (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEZIER, Bernard** [FR/FR]; 1, impasse Charrière, F-69370 Saint-Didier au Mont d'Or (FR).

(74) **MATKOWSKA, Franck**; Cabinet Beau de Loménie, 37, rue du Vieux Faubourg, F-59800 Lille (FR).

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

(11) **WO 98/52727** (13) A1

(21) PCT/AU98/00371

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) PO 6906 (32) **21 May/mai 1997 (21.05.1997)** (33) AU

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B27B 5/22**

(54) ● SLIDING EXTENSION TABLE ASSEMBLY
● ENSEMBLE TABLE DE RALLONGE COULISSANTE

(71) **TRITON TECHNOLOGIES PTY. LTD.** [AU/AU]; 14-18 Mills Street, Cheltenham, VIC 3192 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEWIN, George** [AU/AU]; 14-18 Mills Street, Cheltenham, VIC 3192 (AU).
SZOMMER, Harry [AU/AU]; 14-18 Mills Street, Cheltenham, VIC 3192 (AU).
CHRISTIANSEN, Ian [AU/AU]; 14-18 Mills Street, Cheltenham, VIC 3192 (AU).
BROWN, Warren [AU/AU]; 14-18 Mills Street, Cheltenham, VIC 3192 (AU).

(74) **CARTER SMITH & BEADLE**; 2 Railway Parade, P.O. Box 557, Camberwell, VIC 3124 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52728** (13) A2
 (21) PCT/US98/10209
 (22) **19 May/mai 1998 (19.05.1998)**
 (25) en (26) en
 (31) 60/047,031 (32) **19 May/mai 1997 (19.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **B27B 17/00**
 (54) ● POWERED CUTTING SAW SYSTEM AND METHOD FOR JOINING MATERIALS
 ● SYSTEME DE SCIE A MOTEUR ET PROCEDE DE JONCTION DE MATERIAUX
 (71, 72) **DANIELL, Stephen, S.** [US/US]; 1 Cottage Street, Easthampton, MA 01027 (US).
 (74) **SKRIVANEK, Robert, A., Jr.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).
 (81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (54) ● METHOD OF RECYCLING POLYESTER FOAM
 ● PROCEDE DE RECYCLAGE DE MOUSSE DE POLYESTER
 (71) **GENPAK, L.L.C.** [US/US]; 68 Warren Street, P.O. Box 727, Glens Falls, NY 12801 (US).
 (72) **HARFMANN, Walter, R.**; 424 Amanda Drive, Matthews, NC 28105 (US).
 (74) **REINKE, Wayne, E.** et al. / etc.; Heslin & Rothenberg, P.C., 5 Columbia Circle, Albany, NY 12203-5160 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (54) ● METHOD FOR PRODUCING POLYMER ELECTROLYTE MEMBRANE AND FUEL CELL
 ● PROCEDE DE PRODUCTION DE MEMBRANE ELECTROLYTE POLYMER ET D'UNE PILE A COMBUSTIBLE
 (71) **HOECHST RESEARCH & TECHNOLOGY JAPAN LIMITED** [JP/JP]; 1-3-2, Minamidai, Kawagoe-shi, Saitama 350-1165 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **MURATA, Makoto** [JP/JP]; Hoechst Research & Technology Japan Limited, 1-3-2, Minamidai, Kawagoe-shi, Saitama 350-1165 (JP). **YAMAMOTO, Tetsu** [JP/JP]; Hoechst Research & Technology Japan Limited, 1-3-2, Minamidai, Kawagoe-shi, Saitama 350-1165 (JP). **DECKERS, Gregor** [DE/DE]; Johannesallee 41, D-65929 Frankfurt am Main (DE).
 (74) **KURITA, Tadahiko**; Yuasa and Hara, Section 206, New Ohtemachi Building, 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).
 (81) CA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/52729** (13) A1
 (21) PCT/US98/09551
 (22) **11 May/mai 1998 (11.05.1998)**
 (25) en (26) en
 (31) 08/861,477 (32) **22 May/mai 1997 (22.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **B29B 7/00, B29D 22/00, A47J 41/02, B29C 45/14, 35/02**
 (54) ● IMPROVED MULTI-LAYER CONTAINER AND PREFORM
 ● CONTENEUR ET PREFORME MULTICOUCHE AMELIORES
 (63) US 08/861,477 (CON) 22 May/mai 1997 (22.05.1997)
 (71) **PLASTIPAK PACKAGING, INC.** [US/US]; 9135 General Court, Plymouth, MI 48170 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **SLAT, William, A.** [US/US]; 164 North Grand Pointe, Brooklyn, MI 49230 (US).
 (74) **KUSHMAN, James, A.** et al. / etc.; Brooks & Kushman, 22nd floor, 1000 Town Center, Southfield, MI 48075 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52731** (13) A2
 (21) PCT/EP98/02943
 (22) **18 May/mai 1998 (18.05.1998)**
 (25) de (26) de
 (31) 197 21 058.9 (32) **20 May/mai 1997 (20.05.1997)** (33) DE
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **B29C**
 (54) ● INJECTION-MOULDED CARD WITH DECORATIVE LAYER
 ● CARTE MOULEE PAR INJECTION A COUCHE DECORATIVE
 (71) **GIESECKE & DEVRIENT GMBH** [DE/DE]; Prinzregentenstrasse 159, D-81677 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **HOPPE, Joachim** [DE/DE]; Clemens-Bolz-Weg 7, D-81377 München (DE). **GAUCH, Wolfgang** [DE/DE]; Jupiterstrasse 38, D-83624 Otterfing (DE).
 (74) **KLUNKER, SCHMITT-NILSON, HIRSCH**; Winzerstrasse 106, D-80797 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52733** (13) A1
 (21) PCT/EP98/02445
 (22) **24 Apr/avr 1998 (24.04.1998)**
 (25) de (26) de
 (31) 197 21 170.4 (32) **21 May/mai 1997 (21.05.1997)** (33) DE
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **B29C 43/22, B32B 31/00, B29C 59/04, 59/02, 35/10, B29D 11/00**
 (54) ● METHOD AND DEVICE FOR PRODUCING A FILM OR A COATING WITH A TWO-SIDED SURFACE STRUCTURE
 ● PROCEDE ET DISPOSITIF POUR PRODUIRE UN FILM OU UNE COUCHE A STRUCTURE DE SURFACE SUR LES DEUX FACES
 (71) **EMTEC MAGNETICS GMBH** [DE/DE]; Kaiser-Wilhelm-Strasse 52, D-67059 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **PRIX, Volker** [DE/DE]; Krätz-Strasse 25, D-83313 Siegsdorf (DE). **NENTWICH, Reinhold** [DE/DE]; Gartenstrasse 6, D-86911 Diessen (DE).
 (74) **EMTEC MAGNETICS GMBH**; Tyrna, Uwe, Kistlerhofstrasse 70, D-81379 München (DE).
 (81) BR CN CZ HU JP KR NO PL RO RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/52730** (13) A1
 (21) PCT/US98/10213
 (22) **19 May/mai 1998 (19.05.1998)**
 (25) en (26) en
 (31) 08/859,202 (32) **20 May/mai 1997 (20.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **B29B 17/00, C08J 11/04, 11/06**

- (11) **WO 98/52732** (13) A1
 (21) PCT/JP98/02247
 (22) **22 May/mai 1998 (22.05.1998)**
 (25) en (26) en
 (31) 9/132558 (32) **22 May/mai 1997 (22.05.1997)** (33) JP
 (31) 10/125560 (32) **8 May/mai 1998 (08.05.1998)** (33) JP
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **B29C 41/04, 41/00, H01M 8/10, B01D 67/00**

- (11) **WO 98/52734** (13) A1
 (21) PCT/JP98/02220
 (22) **20 May/mai 1998 (20.05.1998)**
 (25) ja (26) ja
 (31) 9/131165 (32) **21 May/mai 1997 (21.05.1997)** (33) JP
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **B29C 45/00**
 (54) ● METHOD FOR INJECTION MOLDING OF THERMOPLASTIC RESINS
 ● PROCEDE DE MOULAGE PAR INJECTION DE RESINES THERMOPLASTIQUES

- (71) **ASAH KASEI KOGYO KABUSHIKI KAI-SHA** [JP/JP]; 2-6, Dojimahama 1-chome, Kita-ku, Osaka-shi, Osaka 530-8205 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YAMAKI, Hiroshi** [JP/JP]; 669-1-712, Kuji, Takatsu-ku, Kawasaki-shi, Kanagawa 213-0032 (JP). **MATSUURA, Yoshimasa** [JP/JP]; 37-5, Kamikodanaka 1-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0053 (JP). **KATAOKA, Hiroshi** [JP/JP]; 19-19, Denenchoufu 3-chome, Oota-ku, Tokyo 145-0071 (JP).
- (74) **HAGINO, Taira** et al. / etc.; Eikoh Patent Office, ARK Mori Building, 28th floor, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6028 (JP).
- (81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/52735** (13) A1

(21) PCT/US98/06976

(22) **7 Apr/avr 1998 (07.04.1998)**

(25) en (26) en

(31) 60/048,704 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(31) 08/925,593 (32) **8 Sep/sep 1997 (08.09.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B29C 45/16, 69/00, H01L 23/02**

- (54) ● METHOD FOR MAKING SMART CARDS
● PROCEDE DE FABRICATION DE CARTE A MICROPROCESSEUR

(71) **CARDXX, L.L.C.** [US/US]; 701 Automation Drive, Windsor, CO 80550 (US).

(72) **TIFFANY, Harry, J., III.**; 14247 County Road X, Weldona, CO 80653 (US).

(74) **CARSON, W., Scott** et al. / etc.; Dorr, Carson, Sloan & Birney, P.C., 3010 E. 6th Avenue, Denver, CO 80206 (US).

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

(11) **WO 98/52736** (13) A1

(21) PCT/JP98/02265

(22) **22 May/mai 1998 (22.05.1998)**

(25) ja (26) ja

(31) 9/131919 (32) **22 May/mai 1997 (22.05.1997)** (33) JP

(31) 10/124799 (32) **7 May/mai 1998 (07.05.1998)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B29C 45/60, B29B 7/14 // B29K 105:06**

- (54) ● SCREW AND APPARATUS FOR PLASTICIZING FIBER-REINFORCED THERMOPLASTIC RESINS, AND METHOD AND PRODUCT OF MOLDING THE RESINS
● VIS ET DISPOSITIF SERVANT A PLASTIFIER DES RESINES THERMOPLASTIQUES RENFORCEES DE FIBRES, PROCEDE ET PRODUIT DE MOULAGE DE CES RESINES

(71) **KAWASAKI STEEL CORPORATION** [JP/JP]; 1-28, Kitahonmachi-Dori 1-chome, Chuo-ku, Kobe-shi, Hyogo 651-0075 (JP). **HITACHI METALS, LTD.** [JP/JP]; 1-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8351 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **UEHARA, Kenichi** [JP/JP]; Kawasaki Steel Corporation Technical Research Division, 1-Banchi, Kawasaki-cho, Chuo-ku, Chiba-shi, Chiba 260-0835 (JP). **TAKANO, Shigeru** [JP/JP]; Kawasaki Steel Corporation Technical Research Division, 1-Banchi, Kawasaki-cho, Chuo-ku, Chiba-shi, Chiba 260-0835 (JP). **ASANO, Yoshikazu** [JP/JP]; Kawasaki Steel Corporation Technical Research Division, 1-Banchi, Kawasaki-cho, Chuo-ku, Chiba-shi, Chiba 260-0835 (JP). **AMANO, Masanori** [JP/JP]; Hitachi Metals, Ltd. Wakamatsu Works, 1-9-1, Kitahama, Wakamatsu-ku, Kitakyusyu-shi, Fukuoka 808-0023 (JP).

(74) **WATANABE, Mochitoshi** et al. / etc.; Haya-kawa-tonakai Building, 3F, 12-5, Iwamoto-cho 2-chome, Chiyoda-ku, Tokyo 101-0032 (JP).

(81) CA MX US; EP (DE ES FR GB IT NL).

(11) **WO 98/52737** (13) A1

(21) PCT/CA98/00507

(22) **25 May/mai 1998 (25.05.1998)**

(25) en (26) en

(31) 08/862,487 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(31) 08/863,596 (32) **27 May/mai 1997 (27.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B29C 47/02, 47/06, B32B 27/30, 31/30**

- (54) ● PVDC EXTRUSION METHOD AND PRODUCT
● PROCEDE D'EXTRUSION DU PVDC ET PRODUIT AINSI OBTENU

(71, 72) **PLANETA, Mirek** [CA/CA]; 45 Kingsbridge Garden Circle, Mississauga, Ontario L5R 3K4 (CA).

(74) **MOSS, W., Dennis** et al. / etc.; Barrigar & Moss, Suite 901, 2 Robert Speck Parkway, Mississauga, Ontario L4Z 1H8 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/52738** (13) A1

(21) PCT/NL98/00287

(22) **20 May/mai 1998 (20.05.1998)**

(25) nl (26) en

(31) 1006092 (32) **21 May/mai 1997 (21.05.1997)** (33) NL

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B29C 70/16**

- (54) ● METHOD FOR THE PRODUCTION OF A TRANSVERSE WEB
● PROCEDE SERVANT A FABRIQUER UNE BANDE DE FIBRES TRANSVERSALES

(71) **BEILER BEHEER B.V.** [NL/NL]; Beilerstroom 8, NL-5032 ER Tilburg (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAN DEN AKER, Martinus, Cornelis, Adrianus** [NL/NL]; Beilerstroom 8, NL-5032 ER Tilburg (NL).

(74) **IEMENSCHOT, J., A.**; Van Exter Polak & Charlois 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/52739** (13) A1

(21) PCT/CA97/00332

(22) **20 May/mai 1997 (20.05.1997)**

(25) en (26) en

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B29D 23/18, B29C 49/00, 47/06**

- (54) ● METHOD AND APPARATUS FOR MAKING PLASTIC PIPE WITHOUT MECHANICAL PRESSURE ON INNER PIPE WALL
● PROCEDE ET DISPOSITIF PERMETTANT DE FABRIQUER DES TUYAUX PLASTIQUES SANS PRESSION MECANIQUE SUR LA PAROI INTERNE DU TUYAU

(71, 72) **LUPKE, Manfred, A., A.** [CA/CA]; 92 Elgin Street, Thornhill, Ontario L3T 1W6 (CA). **LUPKE, Stefan, A.** [CA/CA]; 32 Vintage Lane, Thornhill, Ontario L3T 1X6 (CA).

(74) **JEFFREY, John, C.** et al. / etc.; Suite 301, 133 Richmond Street West, Toronto, Ontario M5H 2L7 (CA).

(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 98/52740** (13) A1

(21) PCT/NL97/00435

(22) **22 Jul/juil 1997 (22.07.1997)**

(25) nl (26) en

(31) PCT/NL97/00290 (32) **23 May/mai 1997 (23.05.1997)** (33) WO

(34) NL et al. / etc.

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B29D 30/32, 30/24**

- (54) ● TYRE BUILDING DRUM WITH TURN-UP APPARATUS
● TAMBOUR SERVANT A FABRIQUER DES PNEUS ET COMPORTANT UN DISPOSITIF DE RECOUVREMENT

(71) **VMI EPE HOLLAND B.V.** [NL/NL]; Gelriaweg 16, NL-8161 RK Epe (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GUTKNECHT, Heinz** [NL/NL]; Torenweg 26, NL-8161 AT Epe (NL). **BIERENS, Franciscus, Cornelis** [NL/NL]; Boxhofstede 33, NL-8171 KC Vaassen (NL).

- (74) **SEERDEN, Adrianus, Maria**; Octrooibureau Vriesendorp & Gaade, P.O. Box 266, NL-2501 AW The Hague (NL).
- (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 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).

(11) **WO 98/52741** (13) A1

(21) PCT/US98/10231

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 60/047,195 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B31F 1/00**

- (54) ● CARRIER INSERTER WITH CARRIER FOLDING APPARATUS AND METHOD
● DISPOSITIF D'INSERTION DE CARTES COMPORTANT UN APPAREIL DE PLAGIAGE DE SUPPORTS ET PROCEDE S'Y RAPPORTANT

(71) **DYNETICS ENGINEERING CORPORATION** [US/US]; 515 Bond Street, Lincolnshire, IL 60069 (US).

(72) **BRETL, Robert, J.**; W 6939 #3.5 Road, Menominee, MI 49858 (US). **BRETL, James, G.**; 904 Second Street, Menominee, MI 49858 (US). **HILL, Jeffery, L.**; 1620 Castillian Way, Mundelein, IL 60060 (US). **HILL, Gregory, S.**; 790 Waterford Court, Lake Zurich, IL 60047 (US).

(74) **POTTHAST, James, W.**; Potthast & Ring, Suite 1750, 10 S. Riverside Plaza, Chicago, IL 60606 (US).

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

(11) **WO 98/52742** (13) A1

(21) PCT/US98/09675

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 08/858,850 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B32B 1/08, B29D 23/00, B65B 53/02**

- (54) ● IMPROVED COMPOSITION FOR UNI-AXIALLY HEAT-SHRINKABLE BIAXIALLY ORIENTED POLYPROPYLENE FILM
● COMPOSITION AMELIOREE POUR PELLICULE DE POLYPROPYLENE ORIENTE BIAXIALEMENT ET THERMORETRACTABLE UNIAXIALEMENT

(71) **MOBIL OIL CORPORATION** [US/US]; 3225 Gallows Road, Fairfax, VA 22037 (US).

(72) **AMON, Moris**; 61 Kitty Hawk Drive, Pittsford, NY 14534 (US). **PEET, Robert, Guthrie**; 44 Sunset Boulevard, Pittsford, NY 14534 (US). **PELLINGRA, Salvatore, James, Jr.**; 7 Orchard Street, Wolcott, NY 14590 (US).

(74) **CUOMO, Lori, F.** et al. / etc.; Mobil Oil Corporation, 3225 Gallows Road, Fairfax, VA 22037 (US).

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

(11) **WO 98/52743** (13) A1

(21) PCT/US98/10414

(22) **21 May/mai 1998 (21.05.1998)**

(25) en (26) en

(31) 60/047,447 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(31) 09/019,829 (32) **6 Feb/fév 1998 (06.02.1998)** (33) US

(31) 09/079,735 (32) **15 May/mai 1998 (15.05.1998)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B32B 3/00**

- (54) ● LASER IMAGEABLE PRINTING PLATE AND SUBSTRATE THEREFOR
● PLAQUE D'IMPRESSION PERMETTANT LA FORMATION D'UNE IMAGE PAR LASER ET SUBSTRAT CORRESPONDANT

(71, 72) **FROMSON, Howard, A.** [US/US]; 49 Main Street, Stonington, CT 06378 (US).

(72) **ROZELL, William, J.**; 608 Bolton Road, Vernon, CT 06066 (US). **GARCIA, Robert, F.**; 270 Old Turnpike Road, Woodstock Valley, CT 06282 (US).

(74) **LYNCH, John, E.**; Felfe & Lynch, 805 Third Avenue, New York, NY 10022 (US).

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

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(11) **WO 98/52744** (13) A1

(21) PCT/GB98/01377

(22) **14 May/mai 1998 (14.05.1998)**

(25) en (26) en

(31) 9709998.0 (32) **19 May/mai 1997 (19.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B32B 5/26, 3/20, 3/22, 5/18, B63G 8/34, G10K 11/168, F41H 3/00**

- (54) ● COMPOSITE STRUCTURE
● STRUCTURE COMPOSITE

(71) **THE SECRETARY OF STATE FOR DEFENCE** [GB/GB]; Defence Evaluation & Research Agency, Ivelly Road, Farnborough, Hampshire GU14 0LX (GB).
(for all designated States except / pour tous les États désignés sauf US)

(71) **SMITH, Colette, Marie, Claude** (heirress of the deceased inventor / héritière de l'inventeur décédé) [GB/GB]; 11 Back Road, Dollar, Clackmannanshire FK14 7EA (GB).
(only for / seulement pour US)

(72) **SMITH, Charles** (deceased / décédé).

(72, 75) **HOUSE, John** [GB/GB]; Intellectual Property Dept., Room C103, East Court, DERA Portsdown West, Portsdown Hill Road, Fareham, Hampshire PO17 6AD (GB).

(74) **SKELTON, S., R.**; D/IPR, Formalities Section (DERA), Poplar 2, MOD Abbey Wood #19, P.O. Box 702, Bristol BS34 8JH (GB).

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

(11) **WO 98/52745** (13) A1

(21) PCT/US98/10157

(22) **18 May/mai 1998 (18.05.1998)**

(25) en (26) en

(31) 08/858,680 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B32B 5/26, 27/12, B65D 81/26, A61F 13/15, A61L 15/00, D21H 11/00**

- (54) ● THIN ABSORBENT PADS FOR FOOD PRODUCTS
● GARNITURES ABSORBANTES MINCES POUR PRODUITS ALIMENTAIRES

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

(72) **FONTENOT, Monica, Carlise**; 716 Laurel Chase Drive, Marietta, GA 30064 (US). **CHEN, Fung-Jou**; 3216 White Birch Lane, Appleton, WI 54915 (US).

(74) **TULLEY, Douglas, H.** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52746** (13) A1

(21) PCT/US98/10250

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 08/858,962 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B32B 9/00, B41M 7/00**

- (54) ● ELECTRETT FILM COMPOSITION ADAPTED FOR PRINTING ON INKJET PRINTERS
● COMPOSITION DE FILM POUR FEUILLE A CHARGE ELECTROSTATIQUE PERMANENTE (ELECTRETT) DESTINEE A L'IMPRESSION DANS DES IMPRIMANTES A JETS D'ENCRE

(71) **PERMACHARGE CORPORATION** [US/US]; 5930 Midway Park Boulevard, N.E., Albuquerque, NM 87109 (US).

(72) **HOCKADAY, Robert, G.**; 3025 Arizona Avenue, Los Alamos, NM 87544 (US).

(74) **WARD, Calvin, B.**; 18 Crow Canyon Court #305, San Ramon, CA 94583 (US).

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

(11) **WO 98/52747** (13) A1

(21) PCT/AU98/00366

(22) **15 May/mai 1998 (15.05.1998)**

(25) en (26) en

(31) PO 6840 (32) **16 May/mai 1997 (33) AU (16.05.1997)**

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B32B 27/28, B65D 65/40, 30/14**

(54) ● MULTILAYER BARRIER PACKAGING FILM
● FILM D'EMBALLAGE BARRIERE, A COUCHES MULTIPLES

(71) **SPOROS S.A.** [GR/AU]; 32 Enterprise Street, Cleveland, QLD 4163 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GINOSSATIS, Stamatis** [GR/GR]; 204 Vasileos Konstantinoy, Koropi, GR-194 00 Attikis (GR). **APREA, John, J.** [US/US]; 120 Lake Drive, Mountain Lake, NJ 07046 (US).

(74) **PIZZEYS PATENT AND TRADE MARK ATTORNEYS**; Level 6, Trustee House, 444 Queen Street, Brisbane, QLD 4000 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52748** (13) A1

(21) PCT/JP98/02185

(22) **18 May/mai 1998 (18.05.1998)**

(25) ja (26) ja

(31) 9/131155 (32) **21 May/mai 1997 (33) JP (21.05.1997)**

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B32B 27/30, B05D 7/24, C09D 127/12, C08F 214/18, C03C 27/12, 17/32**

(54) ● HEAT-RESISTANT SCATTERING-INHIBITING COMPOSITE MATERIAL
● MATERIAU COMPOSITE THERMORESISTANT ANTI-DIFFUSION

(71) **DAIKIN INDUSTRIES, LTD.** [JP/JP]; Umeda Center Building, 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARAKI, Takayuki** [JP/JP]; Yodogawa-seisakusho, Daikin Industries, Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **TANAKA, Yoshito** [JP/JP]; Yodogawa-seisakusho, Daikin Industries, Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **KUMEGAWA, Masahiro** [JP/JP]; Yodogawa-seisakusho, Daikin Industries, Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **OKA, Noritoshi** [JP/JP]; Yodogawa-seisakusho, Daikin Industries, Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **SANEMASA, Hisato** [JP/JP]; Yodogawa-seisakusho, Daikin Industries, Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **SHIMIZU, Tetsuo** [JP/JP]; Yodogawa-seisakusho, Daikin Industries, Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP).

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

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

(11) **WO 98/52749** (13) A1

(21) PCT/US98/10432

(22) **21 May/mai 1998 (21.05.1998)**

(25) en (26) en

(31) 9710633.0 (32) **22 May/mai 1997 (33) GB (22.05.1997)**

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B32B 27/32, 27/28**

(54) ● POLYPROPYLENE/POLYSTYRENE MULTILAYER FILM STRUCTURES
● STRUCTURES DE FILM MULTICOUCHES EN POLYPROPYLENE/POLYSTYRENE

(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) **REGNIER, François, J. F.** [FR/FR]; 31, rue du Moulin, F-67720 Weyersheim (FR).

(74) **KANUCH, Bruce, M.**; Patent Dept., P.O. Box 1967, Midland, MI 48641-1967 (US).

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

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(11) **WO 98/52750** (13) A1

(21) PCT/EP98/03001

(22) **14 May/mai 1998 (14.05.1998)**

(25) en (26) en

(31) 1006109 (32) **22 May/mai 1997 (33) NL (22.05.1997)**

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B32B 31/30, 15/08, B29C 47/02**

(54) ● METHOD OF COATING A METALLIC SUBSTRATE WITH THERMOPLASTIC COATING MATERIAL
● PROCEDE DE REVETEMENT D'UN SUBSTRAT METALLIQUE A L'AIDE D'UN MATERIAU DE REVETEMENT THERMOPLASTIQUE

(71) **HOOGOVENS STAAL B.V.** [NL/NL]; P.O. Box 10000, NL-1970 CA Ijmuiden (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEENTJES, Petrus, Cornelis, Jozef** [NL/NL]; Cieweg 43, NL-1902 AA Castricum (NL). **VAN VEENEN, Willem, Jan** [NL/NL]; Plesmanweg 67, NL-1945 WL Beverwijk (NL).

(74) **HERMAN DE GROOT, Johan, Willem**; Hoogovens Corporate Services B.V., P.O. Box 10000, NL-1970 CA Ijmuiden (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/52751** (13) A1

(21) PCT/SE98/00933

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 9701909-5 (32) **22 May/mai 1997 (33) SE (22.05.1997)**

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B32B 31/30**

(54) ● A METHOD OF PRODUCING A WELL-INTEGRATED PACKAGING MATERIAL COMPRISING LAYERS OF ALUMINIUM AND PLASTIC

● PROCEDE DE PRODUCTION D'UN MATERIAU D'EMBALLAGE BIEN INTEGRE COMPRENANT DES COUCHES D'ALUMINIUM ET DE PLASTIQUE

(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) **ROSENBERG, Knut** [SE/SE]; Blåbärgsgatan 7, S-234 43 Lomma (SE).

(74) **SUNDELL, Håkan**; AB Tetra Pak, Ruben Rausing's gata, S-221 86 Lund (SE).

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

(11) **WO 98/52752** (13) A1

(21) PCT/EP98/03070

(22) **25 May/mai 1998 (25.05.1998)**

(25) de (26) de

(31) 197 21 704.4 (32) **23 May/mai 1997 (33) DE (23.05.1997)**

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B32B 35/00, D21H 25/18**

(54) ● METHOD AND DEVICE FOR REMOVING LAMINATION

● PROCEDE ET DISPOSITIF POUR LA SEPARATION DE COUCHES DE RECouvreMENT

(71) **BECKER PRESERVOTEC GMBH** [DE/DE]; Friedrich-List-Strasse 9, D-71369 Winnenden (DE).

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

(72, 75) **BECKER, Ernst** [DE/DE]; Kreuzerstrasse 4, D-73663 Berglen (DE). **WÄCHTER, Wolfgang** [DE/DE]; Waldsiedlung Glaucha, Hauptweg PSF 3/42, D-04849 Glaucha (DE). **GAIBLER, Hans-Peter** [DE/DE]; Rosenstrasse 40, D-71404 Korb (DE). **SCHOMMER, Hans-Peter** [DE/DE]; Reutäckerstrasse 6, D-73614 Miedelsbach (DE).

(74) **HANSMANN & VOGESER**; Albert-Rosshaupter-Strasse 65, D-81369 München (DE).

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

Published / Publiée : (c)

(11) **WO 98/52753** (13) A2

(21) PCT/US98/10248

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 08/859,295 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B41F**(54) ● **PRINTER WITH DISCRETE SHEET LOAD ENHANCEMENT APPARATUS AND METHOD**● **IMPRIMANTE COMPORTANT UN APPAREIL ACCROISSANT LA CHARGE DISCRETE SUR UNE FEUILLE ET PROCEDE S'Y RAPPORTANT**(71) **DYNETICS ENGINEERING CORPORATION** [US/US]; 515 Bond Street, Lincolnshire, IL 60069 (US).(72) **HILL, Jeffrey, L.**; 1620 Castillian Way, Mundelein, IL 60060 (US). **HILL, Gregory, S.**; 790 Waterford Court, Lake Zurich, IL 60047 (US).(74) **POTTHAST, James, W.**; Potthast & Ring, Suite 1750, 10 S. Riverside Plaza, Chicago, IL 60606 (US).

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

(11) **WO 98/52754** (13) A1

(21) PCT/DE98/01384

(22) **20 May/mai 1998 (20.05.1998)**

(25) de (26) de

(31) 197 21 212.3 (32) **21 May/mai 1997 (21.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B41F 13/03, 33/00**(54) ● **METHOD AND DEVICE FOR DRAWING IN A STRIP OF MATERIAL**● **PROCEDE ET DISPOSITIF D'ENTRAINEMENT D'UNE BANDE DE MATERIAU**(71) **KOENIG & BAUER AKTIENGESELLSCHAFT** [DE/DE]; Friedrich-Koenig-Strasse 4, D-97080 Würzburg (DE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **HARTMANN, Manfred, Wolfgang** [DE/DE]; Engenthal 68, D-97725 Elfershausen (DE). **MILCHALIK, Horst, Bernhard** [DE/DE]; Allersee-weg 22, D-97204 Höchberg (DE).

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

Published / Publiée : (c)

(11) **WO 98/52755** (13) A1

(21) PCT/US98/10214

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 08/859,685 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B41F 13/54**(54) ● **INSERTER MODULE ADAPTABLE FOR USE WITH BOTH PREPRINTED AND IN-LINE PRINTED CARRIERS AND METHOD**● **MODULE D'INSERTION ADAPTABLE POUVANT ETRE UTILISE AVEC DES SUPPORTS IMPRIMES EN LIGNE ET AVEC DES SUPPORTS PRE-IMPRIMES ET PROCEDE S'Y RAPPORTANT**(71) **DYNETICS ENGINEERING CORPORATION** [US/US]; 515 Bond Street, Lincolnshire, IL 60069 (US).(72) **HILL, Jeffrey, L.**; 1620 Castillian Way, Mundelein, IL 60060 (US). **HILL, Gregory, S.**; 790 Waterford Court, Lake Zurich, IL 60047 (US).(74) **POTTHAST, James, W.**; Potthast & Ring, Suite 1750, 10 S. Riverside Plaza, Chicago, IL 60606 (US).

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

Published / Publiée : (c)

(11) **WO 98/52756** (13) A1

(21) PCT/US98/09003

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/859,066 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B41F 17/00**(54) ● **PROCESS FOR THE MANUFACTURE OF PRINTED ORTHOPEDIC CASTING TAPE**● **PROCEDE SERVANT A FABRIQUER UNE BANDE PLATREE ORTHOPEDIQUE IMPRIMEE**(71, 72) **GREEN, Richard** [US/US]; 120 East Cedar Street, Livingston, NJ 07039 (US). **FREEMAN, Horace, L.** [US/US]; 2217 Walker Avenue, Burlington, NC 27215 (US). **CRAFT, William, Robert** [US/US]; 1033 Kingstree Ridge Drive, Winston-Salem, NC 27127 (US).(74) **BODENHEIMER, Stephen, M., Jr.** et al. / etc.; Bell Seltzer Intellectual Property Law Group, Alston & Bird LLP, P.O. Drawer 34009, Charlotte, NC 28234 (US).

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

(11) **WO 98/52757** (13) A1

(21) PCT/DE98/01349

(22) **14 May/mai 1998 (14.05.1998)**

(25) de (26) de

(31) 197 20 744.8 (32) **17 May/mai 1997 (17.05.1997)** (33) DE(31) 197 20 746.4 (32) **17 May/mai 1997 (17.05.1997)** (33) DE(31) 197 20 740.5 (32) **17 May/mai 1997 (17.05.1997)** (33) DE(31) 197 20 745.6 (32) **17 May/mai 1997 (17.05.1997)** (33) DE(31) 197 20 751.0 (32) **17 May/mai 1997 (17.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B41F 21/10, 7/10, 23/06, 23/04, 23/08, 13/60**(54) ● **SHEET FEED DEVICE WITH TWO SHEET DRUMS AND SUBSEQUENT PROCESSING DEVICE**● **MACHINE D'IMPRESSION**(71) **KBA-PLANETA AG** [DE/DE]; Friedrich-List-Strasse 47/49, D-01445 Radebeul (DE).

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

(72, 75) **BOLZA-SCHÜNEMANN, Hans-Bernhard** [DE/DE]; Otto-Nagler-Strasse 17, D-97074 Würzburg (DE). **JENTZSCH, Arndt** [DE/DE]; Auerstrasse 208, D-01640 Coswig (DE). **NERGER, Reinhard** [DE/DE]; August-Kaden-Strasse 9, D-01445 Radebeul (DE). **MÜLLER, Dietmar** [DE/DE]; Robert-Blum-Strasse 20, D-01640 Coswig (DE). **TASCHENBERGER, Volker** [DE/DE]; Anne-Frank-Weg 34, D-01640 Coswig (DE).

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

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(11) **WO 98/52758** (13) A1

(21) PCT/DE98/01350

(22) **14 May/mai 1998 (14.05.1998)**

(25) de (26) de

(31) 197 20 741.3 (32) **17 May/mai 1997 (17.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B41F 21/12, 21/10, 33/00, 7/10**(54) ● **SHEET SLANT COMPENSATION IN A PRINTING MACHINE WITH IMAGING DEVICE**● **COMPENSATION DE L'INCLINAISON DE FEUILLES DANS UNE MACHINE D'IMPRESSION A UNITE DE FORMATION D'IMAGE**(71) **KBA-PLANETA AG** [DE/DE]; Friedrich-List-Strasse 47/49, D-01445 Radebeul (DE).

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

(72, 75) **JENTZSCH, Arndt** [DE/DE]; Auerstrasse 208, D-01640 Coswig (DE). **NERGER, Reinhard** [DE/DE]; August-Kaden-Strasse 9, D-01445 Radebeul (DE). **HEFFTLER, Victor** [DE/DE]; Serkowitzer Strasse 1b, D-01640 Coswig (DE).

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

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(11) **WO 98/52759** (13) A1

(21) PCT/US98/10627

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 08/862,098 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B41F 31/00, C09D 11/02**(54) ● **METHOD FOR MEASURING THE AMOUNT OF FOUNTAIN SOLUTION IN OFFSET LITHOGRAPHY PRINTING**

- PROCEDE DE MESURE DE LA QUANTITE DE SOLUTION DE MOUILLAGE DANS DES MACHINES D'IMPRESSION OFFSET

(71) **UNION CAMP CORPORATION** [US/US]; 1600 Valley Road, Wayne, NJ 07470 (US).

(72) **LIM, Peter, Yong, Woon**; 1318 Meade Drive, Suffolk, VA 23434 (US).

(74) **KIPNES, Allen, R.**; Watov & Kipnes, P.C., P.O. Box 247, Princeton Junction, NJ 08550 (US).

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

(11) **WO 98/52760** (13) A1

(21) PCT/DE98/01383

(22) **20 May/mai 1998 (20.05.1998)**

(25) de (26) de

(31) 197 21 213.1 (32) **21 May/mai 1997 (21.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B41F 35/00**

(54) ● METHOD AND DEVICE FOR CLEANING GUIDE ROLLERS IN A WEB-FED ROTARY PRESS

- PROCEDE ET DISPOSITIF POUR LE NETTOYAGE DE ROULEAUX-GUIDES DANS UNE MACHINE A IMPRIMER ROTATIVE

(71) **KOENIG & BAUER AKTIENGESELLSCHAFT** [DE/DE]; Friedrich-Koenig-Strasse 4, D-97080 Würzburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HARTMANN, Manfred, Wolfgang** [DE/DE]; Engenthal 68, D-97725 Elfershausen (DE). **MICHALIK, Horst, Bernhard** [DE/DE]; Allersee-weg 22, D-97204 Höchberg (DE).

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

Published / Publiée : (c)

(11) **WO 98/52761** (13) A1

(21) PCT/JP98/02216

(22) **20 May/mai 1998 (20.05.1998)**

(25) ja (26) ja

(31) 9/130100 (32) **20 May/mai 1997 (20.05.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B41J 2/01**

(54) ● PRINTER AND PRINTING THEREFOR

- IMPRIMANTE ET PROCEDE D'IMPRESSION ASSOCIE

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KANAYA, Munehide** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 (JP). **SHIMADA, Kazumi-ichi** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 (JP).

(74) **IGARASHI, Takao** et al. / etc.; Chuo Fushimi Building 3F, 3-2, Nishiki 1-chome, Naka-ku, Nagoya-shi, Aichi-ken 460-0003 (JP).

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

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(11) **WO 98/52762** (13) A2

(21) PCT/US98/07324

(22) **9 Apr/avr 1998 (09.04.1998)**

(25) en (26) en

(31) 60/047,304 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(31) 09/030,631 (32) **25 Feb/fév 1998 (25.02.1998)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B41J 2/01, 2/17**

(54) ● INTELLIGENT PRINTER COMPONENTS AND PRINTING SYSTEM

- COMPOSANTS INTELLIGENTS D'IMPRIMANTE ET SYSTEME D'IMPRESSION AFFERENT

(71) **ENCAD, INC.** [US/US]; 6059 Cornerstone Court West, San Diego, CA 92121 (US).

(72) **PURCELL, David, A.**; 851 Rosecrans Street, San Diego, CA 92106 (US). **MURRAY, Richard, A.**; 11066 Twinleaf Way, San Diego, CA 92131 (US). **DULL, Dan, J.**; 8715-20 Westmore Road, San Diego, CA 92126 (US).

(74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson and Bear, LLP, 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52763** (13) A2

(21) PCT/GB98/01495

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 9710530.8 (32) **23 May/mai 1997 (23.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B41J 2/16, 2/14, 2/045**

(54) ● DROPLET DEPOSITION APPARATUS AND METHODS OF MANUFACTURE THEREOF

- APPAREIL DE FORMATION D'UN DEPOT DE GOUTTELETTES ET SON PROCEDE DE FABRICATION

(71) **XAAR TECHNOLOGY LIMITED** [GB/GB]; Science Park, Cambridge CB4 4FD (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TEMPLE, Stephen** [GB/GB]; 66 Girton Road, Cambridge CB3 0LN (GB).

(74) **MOIR, Michael, Christopher** et al. / etc.; 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52764** (13) A1

(21) PCT/EP98/02113

(22) **11 Apr/avr 1998 (11.04.1998)**

(25) de (26) de

(31) 297 08 908.0 (32) **21 May/mai 1997 (21.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B41M 3/14, G03C 5/08, B42D 15/00, G03G 21/04**

(54) ● ANTI-COPYING FILM FOR DOCUMENTS TO PREVENT COPYING OF THE SAME IN A COPYING DEVICE HAVING A DEFINED OPENING ANGLE

- FILM ANTI-COPIAGE POUR DOCUMENTS DESTINE A EMPECHER LEUR COPIAGE DANS UN DISPOSITIF DE COPIAGE A ANGLE D'OUVERTURE DEFINI

(71) **EMTEC MAGNETICS GMBH** [DE/DE]; Kaiser-Wilhelm-Strasse 52, D-67059 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STEININGER, Helmut** [DE/DE]; Dr.-Ernst-Kilb-Weg 15, D-67551 Worms (DE). **HEILMANN, Peter** [DE/DE]; Otto-Schmitt-Gross-Strasse 42, D-67098 Bad Dürkheim (DE). **NICKOLAY, Gerd** [DE/DE]; Steinbruchweg 4, D-67435 Neustadt (DE).

(74) **TYRNA, Uwe**; EMTEC Magnetics GmbH, Kistlerhofstrasse 70, D-81379 München (DE).

(81) BR CN CZ HU JP KR NO PL RO RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/52765** (13) A1

(21) PCT/US98/10343

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 60/047,486 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(31) 08/949,601 (32) **14 Oct/oct 1997 (14.10.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B41M 5/00**

(54) ● GLOSSY INK JET PAPER

- PAPIER BRILLANT POUR IMPRIMANTES A JET D'ENCRE

(71) **NASHUA CORPORATION** [US/US]; 44 Franklin Street, Nashua, NH 03061-2002 (US).

(72) **COBURN, John, E.**; 115 Sammet Street, Malden, MA 02148 (US). **WANG, Pat, Y.**; 7 Jason Drive, Londonderry, NH 03053 (US).

(74) **TURANO, Thomas, A.**; Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).

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

(11) **WO 98/52766** (13) A2

(21) PCT/GB98/01483

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 9710551.4 (32) **23 May/mai 1997 (23.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **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) **RAY, Kevin, Barry** [GB/GB]; 30 Chalner Avenue, Morley, Leeds LS27 0SD (GB). **MC-CULLOUGH, Christopher, David** [GB/GB]; 8 Pasture Close, Sherburn-in-Elmet, Leeds LS25 6LJ (GB). **SPOWAGE, Mark, John** [GB/GB]; 42 Hillcrest, Swillington, Leeds LS26 8DL (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52767** (13) A1

(21) PCT/GB98/01484

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 9710551.4 (32) **23 May/mai 1997 (23.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **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) **RAY, Kevin, Barry** [GB/GB]; 30 Chalner Avenue, Morley, Leeds LS27 0SD (GB). **MC-CULLOUGH, Christopher, David** [GB/GB]; 8 Pasture Close, Sherburn-in-Elmet, Leeds LS25 6LJ (GB). **SPOWAGE, Mark, John** [GB/GB]; 42 Hillcrest, Swillington, Leeds LS26 8DL (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52768** (13) A1

(21) PCT/GB98/01496

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 9710549.8 (32) **23 May/mai 1997 (23.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **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) **BHAMBRA, Harjit, Singh** [GB/GB]; 90 Carr Manor Avenue, Moortown, Leeds LS17 5BW (GB). **ORGAN, Robert, Michael** [GB/GB]; "Rainbow", 24 Churchward Close, Grove, Wantage, Oxfordshire OX12 0QZ (GB). **JOLLIFFE, Barry** [GB/GB]; 31 Northern Lane, Widnes, Cheshire WA8 5PQ (GB). **TOLLEY, Elvyn, Richard** [GB/GB]; 51 Riverside Park, Otley LS21 2RW (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52769** (13) A1

(21) PCT/GB98/01500

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 9710553.0 (32) **23 May/mai 1997 (23.05.1997)** (33) GB

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(51)⁶ **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) **BHAMBRA, Harjit, Singh** [GB/GB]; 90 Carr Manor Avenue, Moortown, Leeds LS17 5BW (GB). **ORGAN, Robert, Michael** [GB/GB]; "Rainbow", 24 Churchward Close, Grove, Wantage, Oxfordshire OX12 0QZ (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52770** (13) A1

(21) PCT/GB98/01504

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 9710552.2 (32) **23 May/mai 1997 (23.05.1997)** (33) GB

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(51)⁶ **B41N 3/08**

(54) ● PLANOGRAPHIC PRINTING

● PROCEDE D'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) **BHAMBRA, Harjit, Singh** [GB/GB]; 90 Carr Manor Avenue, Moortown, Leeds LS17 5BW (GB). **ORGAN, Robert, Michael** [GB/GB]; "Rainbow", 24 Churchward Close, Grove, Wantage, Oxfordshire OX12 0QZ (GB). **DICKINSON, Kelvin** [GB/GB]; 23 Oxford Road, Birstall, Batley WF17 9JR (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52771** (13) A1

(21) PCT/RU97/00185

(22) **5 Jun/juin 1997 (05.06.1997)**

(25) ru (26) ru

(31) 97107887 (32) **23 May/mai 1997 (23.05.1997)** (33) RU

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B42D 15/00**

(54) ● MEDICAL DOCUMENT CALLED "PERSONAL MEDICAL BOOKLET"

● DOCUMENT MEDICAL DENOMME "LIVRET MEDICAL PERSONNEL"

(71, 72) **GAZDIEV, Dzhambulat Movlaevich** [RU/RU]; pr. Vernadskogo, 15-315, Moscow, 117331 (RU). **BARKINKHOEV, Magomet Maksharipovich** [RU/RU]; ul. Tolstogo, 13b-10, Malgobek, 366800 (RU).

(74) **PATENT SERVICES CENTRE "PATIS";** ul. Miklukho-Maklaya, 55a, Moscow, 117279 (RU).

(81) AM AZ BG BY CZ DE EE FI GE HU IL KG KZ LT LV MD MK PL RO SI SK TJ TM TR UA UZ.

(11) **WO 98/52772** (13) A1

(21) PCT/JP98/02180

(22) **18 May/mai 1998 (18.05.1998)**

(25) ja (26) ja

(31) 9/128612 (32) **19 May/mai 1997 (19.05.1997)** (33) JP

(31) 9/163614 (32) **20 Jun/juin 1997 (20.06.1997)** (33) JP

- (31) 10/6714 (32) **16 Jan/jan 1998** (33) JP
(16.01.1998)
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **B42D 15/10, G06K 19/07**
- (54) ● FLEXIBLE IC MODULE AND METHOD OF ITS MANUFACTURE, AND METHOD OF MANUFACTURING INFORMATION CARRIER COMPRISING FLEXIBLE IC MODULE
- MODULE DE CIRCUIT INTEGRE FLEXIBLE ET SON PROCEDE DE PRODUCTION, PROCEDE DE PRODUCTION DE SUPPORT D'INFORMATION COMPRENANT LEDIT MODULE

(71) **HITACHI MAXELL, LTD.** [JP/JP]; 1-88, Ushitora 1-chome, Ibaraki-shi, Osaka 567-8567 (JP).
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(72, 75) **KOHAMA, Kyoichi** [JP/JP]; 3-22-10, Shintoride, Toride-shi, Ibaraki 302-0031 (JP). **HIRAI, Yusuke** [JP/JP]; 4-2-1-415, Matsumaedai, Moriyamachi, Kitasoma-gun, Ibaraki 302-0102 (JP). **TAMADA, Kaname** [JP/JP]; 1-2-1-203, Togashira, Toride-shi, Ibaraki 302-0034 (JP). **SUEYO-SHI, Toshinobu** [JP/JP]; 3-4-7, Kubogaoka, Moriyamachi, Kitasoma-gun, Ibaraki 302-0104 (JP). **FUKAO, Ryuzo** [JP/JP]; 6-1-3, Mizukino, Moriyamachi, Kitasoma-gun, Ibaraki 302-0121 (JP). **DAIDO, Kazuhiko** [JP/JP]; 3-34-5-205, Togashira, Toride-shi, Ibaraki 302-0034 (JP).

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

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

(11) **WO 98/52773** (13) A1

(21) PCT/GB98/01493

(22) **22 May/mai 1998 (22.05.1998)**

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(31) 9710736.1 (32) **23 May/mai 1997** (33) GB
(23.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B44B 7/00, B28D 5/00**

(54) ● MARKING DIAMOND

● PROCEDE DE GRAVURE SUR DIAMANT

(71) **GERSAN ESTABLISHMENT** [LI/LI]; Aeulesstrasse 5, FL-9490 Vaduz (LI).
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(72, 75) **SMITH, James, Gordon, Charters** [GB/GB]; 5 Glynswood, High Wycombe, Buckinghamshire HP13 5QL (GB). **GUY, Keith, Barry** [GB/GB]; 30 Lyndhurst Avenue, Whitton, Twickenham, Middlesex TW2 6BY (GB). **POWELL, Graham, Ralph** [GB/GB]; 165 High Street, Iver, Buckinghamshire SL0 9QB (GB). **GAUKROGER, Michael, Peter** [GB/GB]; 72 Tavistock Road, Fleet, Hampshire GU13 8EZ (GB).

(74) **WALDREN, Robin, Michael**; Marks & Clerk, 57-60 Lincoln's Inn Fields, London WC2A 3LS (GB).

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

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(23.05.1997)

(31) 9727365.0 (32) **24 Dec/déc 1997** (33) GB
(24.12.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B44B 7/00, H01J 37/305**

(54) ● DIAMOND MARKING

● PROCEDE DE GRAVURE SUR DIAMANT

(71) **GERSAN ESTABLISHMENT** [LI/LI]; Aeulesstrasse 5, FL-9490 Vaduz (LI).
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(72, 75) **SMITH, James, Gordon, Charters** [GB/GB]; 5 Glynswood, High Wycombe, Buckinghamshire HP13 5QL (GB). **STEWART, Andrew, David, Garry** [GB/GB]; The Old Rectory, Ashampstead, Reading, Berkshire RG8 8SH (GB).

(74) **WALDREN, Robin, Michael**; Marks & Clerk, 57-60 Lincoln's Inn Fields, London WC2A 3LS (GB).

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

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(21) PCT/AU98/00376

(22) **21 May/mai 1998 (21.05.1998)**

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(31) PO 6922 (32) **22 May/mai 1997** (33) AU
(22.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B60B 30/02**

(54) ● A SLIDE APPARATUS

● APPAREIL COULISSANT

(71) **DECKSIDE ENTERPRISES PTY. LTD.** [AU/AU]; Unit 3, 4 Achievement Way, Wangara, W.A. 6065 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LARMONT, James** [AU/AU]; Unit 3, 4 Achievement Way, Wangara, W.A. 6065 (AU).

(74) **LORD, Kelvin, Ernest**; Lord & Company, 4 Douro Place, West Perth, W.A. 6005 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52776** (13) A1

(21) PCT/US97/08538

(22) **20 May/mai 1997 (20.05.1997)**

(25) en (26) en

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B60C 11/02**

(54) ● TIRE WITH IMPROVED REMOVABLE TIRE TREAD BELT

● PNEU PRESENTANT UNE BANDE DE ROULEMENT AMOVIBLE AMELIOREE

(71) **THE GOODYEAR TIRE & RUBBER COMPANY** [US/US]; 1144 East Market Street, Akron, OH 44309-3531 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAYMAN, William, Earl** [US/US]; 11271 Wilhurst Avenue, Hartville, OH 44632 (US).

(74) **BROWN, Robert, W.**; The Goodyear Tire & Rubber Company, Dept. 823, 1144 East Market Street, Akron, OH 44316-0001 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB 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); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/52777** (13) A1

(21) PCT/US97/08537

(22) **20 May/mai 1997 (20.05.1997)**

(25) en (26) en

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B60C 15/00, 15/06, 11/02**

(54) ● TIRE WITH REVERSED CARCASS PLY TURNUP CONFIGURATION

● PNEU A STRUCTURE DE RETOURNEMENT DE PLI DE CARCASSE INVERSEE

(71) **THE GOODYEAR TIRE & RUBBER COMPANY** [US/US]; 1144 East Market Street, Akron, OH 44309-3531 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAYMAN, William, Earl** [US/US]; 11271 Wilhurst Avenue, Hartville, OH 44632 (US).

(74) **BROWN, Robert, W.**; The Goodyear Tire & Rubber Company, Dept. 823, 1144 East Market Street, Akron, OH 44316-0001 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB 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); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/52778** (13) A1

(21) PCT/US97/08543

(22) **20 May/mai 1997 (20.05.1997)**

(25) en (26) en

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B60C 15/00, 15/06, 11/02**

(54) ● TIRE WITH IMPROVED CARCASS PLY TURNUP CONFIGURATION

● PNEU A STRUCTURE DE RETOURNEMENT DE PLI DE CARCASSE PERFECTIONNEE

(71) **THE GOODYEAR TIRE & RUBBER COMPANY** [US/US]; 1144 East Market Street, Akron, OH 44309-3531 (US).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **RAYMAN, William, Earl** [US/US]; 11271 Wilhurst Avenue, Hartville, OH 44632 (US).(74) **BROWN, Robert, W.**; The Goodyear Tire & Rubber Company, Dept. 823, 1144 East Market Street, Akron, OH 44316-0001 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB 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); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/52779** (13) A1

(21) PCT/US97/08495

(22) **20 May/mai 1997 (20.05.1997)**

(25) en (26) en

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B60C 15/06, 11/02**

(54) ● TIRE WITH REMOVABLE TIRE TREAD BELT AND IMPROVED APEX DESIGN

● PNEU PRESENTANT UNE BANDE DE ROULEMENT AMOVIBLE ET UN BOURRAGE SUR TRINGLE DE CONCEPTION AMELIOREE

(71) **THE GOODYEAR TIRE & RUBBER COMPANY** [US/US]; 1144 East Market Street, Akron, OH 44309-3531 (US).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **RAYMAN, William, Earl** [US/US]; 11271 Wilhurst Avenue, Hartville, OH 44632 (US).(74) **BROWN, Robert, W.**; The Goodyear Tire & Rubber Company, Dept. 823, 1144 East Market Street, Akron, OH 44316-0001 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB 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); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/52780** (13) A1

(21) PCT/EP98/02937

(22) **19 May/mai 1998 (19.05.1998)**

(25) de (26) de

(31) 197 21 480.0 (32) **23 May/mai 1997 (23.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B60C 23/6**

(54) ● METHOD FOR DETECTING PRESSURE LOSS IN VEHICLE TYRES

● PROCEDE POUR DETECTER LES PERTES DE PRESSION DES PNEUMATIQUES DES 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) **LATARNIK, Michael** [DE/DE]; Römerstrasse 7, D-61381 Friedrichsdorf (DE). **ZENZEN, Markus** [DE/DE]; Parkstrasse 27, D-65795 Hattersheim 2 (DE). **GRIESSER, Martin** [DE/DE]; An den Krautgärten 23, D-65760 Eschborn (DE).(74) **BLUM, K.-D.** et al. / etc.; ITT Automotive Europe GmbH, Guerickestrasse 7, D-60488 Frankfurt am Main (DE).

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

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(11) **WO 98/52781** (13) A1

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(22) **30 Apr/avr 1998 (30.04.1998)**

(25) fr (26) fr

(31) 97/06284 (32) **16 May/mai 1997 (16.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B60C 25/00**

(54) ● ASSEMBLY LINE OF MOUNTED ASSEMBLIES

● LIGNE D'ASSEMBLAGE D'ENSEMBLES MONTES

(71) **COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN - MICHELIN & CIE** [FR/FR]; 12, cours Sablon, F-63040 Clermont-Ferrand Cedex 09 (FR).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **MENARD, Bernard** [FR/FR]; 8A, rue du Championnat, F-35580 Guichen (FR). **PA-TURE, Frédéric** [FR/FR]; Le Bourg, F-35480 Saint-Malo-de-Phily (FR). **PITOU, Jacques** [FR/FR]; 4, rue Thiebault de Heu, F-57365 Ennery (FR).(74) **DEVAUX, Edmond-Yves**; Michelin & Cie, Service SGD/LG/PI-LAD, F-63040 Clermont-Ferrand Cedex 09 (FR).

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

(11) **WO 98/52782** (13) A1

(21) PCT/EP98/02550

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) fr (26) fr

(31) 97/06283 (32) **16 May/mai 1997 (16.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B60C 25/132**

(54) ● ASSEMBLY LINE OF MOUNTED ASSEMBLIES WITH MEANS FOR VERIFICATION

● LIGNE D'ASSEMBLAGE D'ENSEMBLES MONTES, AVEC MOYENS DE VERIFICATION

(71) **COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN - MICHELIN & CIE** [FR/FR]; 12, cours Sablon, F-63040 Clermont-Ferrand Cedex 09 (FR).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **MENARD, Bernard** [FR/FR]; 8A, rue du Championnat, F-35580 Guichen (FR). **PA-TURE, Frédéric** [FR/FR]; Le Bourg, F-35480 Saint-Malo-de-Phily (FR). **PITOU, Jacques** [FR/FR]; 4, rue Thiebault de Heu, F-57365 Ennery (FR).(74) **DEVAUX, Edmond-Yves**; Michelin & Cie, Service SGD/LG/PI-LAD, F-63040 Clermont-Ferrand Cedex 09 (FR).

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

(11) **WO 98/52783** (13) A1

(21) PCT/SE98/00919

(22) **18 May/mai 1998 (18.05.1998)**

(25) sv (26) en

(31) 9701876-6 (32) **21 May/mai 1997 (21.05.1997)** (33) SE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B60H 1/03**

(54) ● METHOD AND ARRANGEMENT FOR HEATING A MOTOR VEHICLE PROVIDED WITH A RETARDER

● PROCEDE ET SYSTEME DE CHAUFFAGE D'UN VEHICULE AUTOMOBILE POURVU D'UN RETARDATEUR

(71) **SCANIA CV AKTIEBOLAG** [SE/SE]; S-151 87 Södertälje (SE).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **HEDSTRÖM, Lars-Gunnar** [SE/SE]; Gamla vägen 8, S-610 71 Vagnhärad (SE). **MELIN, Sven-Anders** [SE/SE]; Erikshällsgatan 20 B, S-151 46 Södertälje (SE).(74) **WALDEBÄCK, Hans**; Scania CV AB, Patent, S-151 87 Södertälje (SE).

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

(11) **WO 98/52784** (13) A1

(21) PCT/DE98/01229

(22) **4 May/mai 1998 (04.05.1998)**

(25) de (26) de

(31) 197 21 338.3 (32) **22 May/mai 1997 (22.05.1997)** (33) DE(31) 198 04 409.7 (32) **5 Feb/fév 1998 (05.02.1998)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B60J 7/057**

(54) ● ELECTROMOTIVE ACTUATOR

● DISPOSITIF D'ACTIONNEMENT ELECTROMOTEUR

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **STOLZ, Christian** [DE/DE]; Kappelwindeckstrasse 4, D-77815 Bühl (DE).

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

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(11) **WO 98/52785** (13) A1

(21) PCT/EP98/01726

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(31) 197 20 713.8 (32) **16 May/mai 1997 (16.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B60J 10/00, E05F 15/00, B60J 10/12**

(54) ● SEALING SECTION FOR A POWER-OPERATED CLOSING DEVICE

● PROFILE D'ETANCHEITE POUR ETANCHEIFIER UN SYSTEME DE FERMETURE A COMMANDE AUTOMATIQUE

(71) **METZELER AUTOMOTIVE PROFILES GMBH** [DE/DE]; Bregenzer Strasse 133, D-88131 Lindau (DE).

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

(72, 75) **GLAGOW, Klaus** [DE/DE]; Uli-Wieland-Strasse 8, D-88142 Wasserburg (DE). **AHMAD, Rashid** [AU/DE]; Wackerstrasse 41a, D-88131 Lindau (DE). **WESTERHOFF, Bernd** [DE/DE]; Bergstrasse 4, D-87463 Dietmannsried (DE).

(74) **PREISSNER, Nicolaus**; Michelis & Preissner, Haimhauserstrasse 1, D-80802 München (DE).

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

(11) **WO 98/52786** (13) A1

(21) PCT/DE98/01395

(22) **20 May/mai 1998 (20.05.1998)**

(25) de (26) de

(31) 297 08 959.5 (32) **21 May/mai 1997 (21.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B60N 2/26, 2/00, 2/44, B60R 21/00**

(54) ● MATTING WITH A HEATABLE WIRE FOR A CAR SEAT HEATING SYSTEM AND CAR SEAT HAVING SUCH A MATTING

● MAT COMPORTANT DES FILS CHAUFFANTS POUR LE CHAUFFAGE D'UN SIEGE DE VEHICULE A MOTEUR, ET SIEGE DE VEHICULE A MOTEUR POURVU D'UN TEL MAT

(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) **BAUMGARTNER, Joachim** [DE/DE]; Sudentenweg 8, D-93173 Wenzenbach (DE). **POPP, Peter** [DE/DE]; Speerweg 12, D-93049 Regensburg (DE). **HEITZER, Günter** [DE/DE]; Flurweg 7 A, D-93102 Pfatter (DE).

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

Published / Publiée : (c)

(11) **WO 98/52787** (13) A1

(21) PCT/US98/08391

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 08/861.326 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B60P 3/06**

(54) ● POWERED WHEELCHAIR RAMP FOR MINIVANS

● RAMPE D'ACCES MOTRICE DE FAUTEUIL ROULANT POUR MINI-FOURGONNETTE

(71) **U.S. VANTAGE COMPANY L.L.C. doing business as VANTAGE MINIVANS** [US/US]; 5214 South 30th Street, Phoenix, AZ 85040 (US).

(72) **TIDRICK, Gregg, Alan**; 4593 W. Earhart Way, Chandler, AZ 85226 (US). **EATON, David, H., Jr.**; 14835 N. 41st Place, Phoenix, AZ 85032 (US).

(74) **WILLE, Paul, E.**; Fennemore Craig, Suite 2600, 3003 North Central Avenue, Phoenix, AZ 85012-2913 (US).

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

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(11) **WO 98/52788** (13) A2

(21) PCT/SG98/00037

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 9701676-0 (32) **22 May/mai 1997 (22.05.1997)** (33) SG

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B60Q**

(54) ● VEHICLE HEADLAMP CONTROLLER

● COMMANDE DES PHARES D'UN VEHICULE

(71, 72) **CHOW, Mun, Chor** [SG/SG]; Block 26 Dover Crescent #04-63, Singapore 130026 (SG).

(74) **LAWRENCE Y.D. HO & ASSOCIATES**; Thong-sia Building, 30 Bideford Road #07-01, Singapore 229922 (SG).

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

(11) **WO 98/52789** (13) A1

(21) PCT/GB98/01292

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 9710299.0 (32) **21 May/mai 1997 (21.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B60Q 1/50**

(54) ● VEHICLE SIGNALLING SYSTEM

● SYSTEME DE SIGNALISATION POUR VEHICULES

(71) **URBANE SYSTEMS LIMITED** [GB/GB]; 20 Forth Street, Edinburgh EH1 3LH (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CRAWFORD, Robbie, Alexander** [GB/GB]; 6 Waverley Court, Bonnyrigg, Midlothian EH19 3BX (GB).

(74) **LOVEN, Keith, James**; Loven & Co, Quantum House, 30 Tentercroft Street, Lincoln LN5 7DB (GB).

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

(11) **WO 98/52790** (13) A1

(21) PCT/ES98/00142

(22) **21 May/mai 1998 (21.05.1998)**

(25) es (26) es

(31) U 9701411 (32) **21 May/mai 1997 (21.05.1997)** (33) ES

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B60Q 1/52, 1/14**

(54) ● DEVICE FOR AUTOMATICALLY SWITCHING ON AND OFF THE LIGHTS OF A VEHICLE AND WARNING LIGHTS FOR ROAD TRAFFIC

● DISPOSITIF POUR L'ALLUMAGE ET L'EXTINCTION AUTOMATIQUES DE L'ECLAIRAGE D'UN VEHICULE ET POUR SIGNAUX D'AVERTISSEMENT RELATIFS AU TRAFIC ROUTIER

(71, 72) **BRUNA BROTONS, Javier** [ES/ES]; Calle Provença, 318, 2° 1ª, E-08037 Barcelona (ES).

(74) **MANRESA VAL, Manuel**; Girona, 34, E-08010 Barcelona (ES).

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

Published / Publiée : (c)

(11) **WO 98/52791** (13) A1

(21) PCT/ES98/00141

(22) **19 May/mai 1998 (19.05.1998)**

(25) es (26) es

(31) U 9701387 (32) **20 May/mai 1997 (20.05.1997)** (33) ES

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B60R 1/02**

(54) ● IMPROVED REARVIEW MIRROR

● MIROIR RETROVISEUR PERFECTIONNE

(71, 72) **CRUZ MORENO, Angel** [ES/ES]; Avenida Fernando Calzadilla, 23-1º A-B, E-06004 Badajoz (ES).

(74) **ELZABURU MARQUEZ, Alberto**; Miguel Angel, 21, E-28010 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52792** (13) A1
(21) PCT/DE98/01380
(22) **19 May/mai 1998 (19.05.1998)**
(25) de (26) de
(31) 197 21 304.9 (32) **21 May/mai 1997 (21.05.1997)** (33) DE
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **B60R 16/02, 21/32**
(54) ● METHOD AND DEVICE FOR TRANSMITTING DIGITAL DATA FROM A MEASURING STATION IN A MOTOR VEHICLE OCCUPANT PROTECTION SYSTEM TO AN AIR BAG CONTROL DEVICE
● PROCEDE ET DISPOSITIF POUR TRANSMETTRE DES DONNEES NUMERIQUES ENTRE UN POSTE DE MESURE D'UN SYSTEME DE PROTECTION DES OCCUPANTS D'UN VEHICULE A MOTEUR ET UN APPAREIL DE COMMANDE D'AIRBAG
(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) **HERMANN, Stefan** [DE/DE]; Parkstrasse 12, D-93096 Köfering (DE).
(81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/52793** (13) A1
(21) PCT/FR98/01031
(22) **22 May/mai 1998 (22.05.1998)**
(25) fr (26) fr
(31) 97/06335 (32) **23 May/mai 1997 (23.05.1997)** (33) FR
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **B60R 19/18, B29C 43/18**
(54) ● FENDER BEAM AND METHOD FOR MAKING SAME
● POUTRE DE PARE-CHOCS ET SON PROCEDE DE REALISATION
(71) **COMPAGNIE PLASTIC OMNIUM** [FR/FR]; 19, avenue Jules Carteret, F-69007 Lyon (FR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **UYTTERHAEGHE, Luc** [FR/FR]; 4 C, rue du Molard, F-01100 Arben (FR). **CORDEBAR, Francis** [FR/FR]; 13, rue Edouard Henriot, F-01100 Oyonnax (FR). **CORNET, Olivier** [FR/FR]; 21, rue Barbier d'Aucourt, F-52200 Langres (FR).
(74) **LESZCZYNSKI, André**; Nony & Associés, 29, rue Cambacérès, F-75008 Paris (FR).
(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
Published / Publiée : (c)
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- (11) **WO 98/52794** (13) A1
(21) PCT/DE98/00742
(22) **13 Mar/mar 1998 (13.03.1998)**
(25) de (26) de
(31) 197 21 636.6 (32) **23 May/mai 1997 (23.05.1997)** (33) DE
(31) 197 39 655.0 (32) **10 Sep/sep 1997 (10.09.1997)** (33) DE
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **B60R 21/00**
(54) ● RETRAINT SYSTEM FITTED WITH PRE-CRASH AND SEATING-POSITION SENSORS
● SYSTEME DE RETENUE A CAPTEURS AVANT-COLLISION ET CAPTEURS DE POSITION ASSISE
(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) **STOCKER, Stefan** [CH/JP]; 2-12-5, Chigasakihigashi, Yokohama (JP). **MATTES, Bernhard** [DE/DE]; Querstrasse 41, D-74343 Sachsenheim (DE). **MEHLER, Gerhard** [DE/DE]; Lutzstrasse 4, D-74534 Besigheim (DE). **GRÖSCH, Lothar** [DE/DE]; Sechselberger Strasse 15, D-70374 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 98/52795** (13) A2
(21) PCT/DE98/01166
(22) **27 Apr/avr 1998 (27.04.1998)**
(25) de (26) de
(31) 197 21 303.0 (32) **21 May/mai 1997 (21.05.1997)** (33) DE
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **B60R 21/00**
(54) ● PASSENGER PROTECTION CONTROL SYSTEM, AND ITS CONTROL METHOD
● SYSTEME DE COMMANDE DE PROTECTION DES PASSAGERS, ET PROCEDE DE COMMANDE DE CE SYSTEME
(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) **PAUL, Klemens** [DE/DE]; Höflinger Ring 7, D-93083 Obertraubling (DE).
(81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/52796** (13) A2
(21) PCT/EP98/03028
(22) **22 May/mai 1998 (22.05.1998)**
(25) de (26) de
(31) 197 21 789.3 (32) **24 May/mai 1997 (24.05.1997)** (33) DE
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **B60R 21/00**
(54) ● METHOD FOR PRODUCING A STEERING-WHEEL COVER
● PROCEDE POUR MUNIR UN VOLANT DE DIRECTION D'UN ENROBAGE
(71) **TRW AUTOMOTIVE SAFETY SYSTEMS GMBH** [DE/DE]; Hefner-Altenneck-Strasse 11, D-63743 Aschaffenburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **KREUZER, Martin** [DE/DE]; Wendelinusweg 2, D-63839 Kleinwallstadt (DE).
(74) **PRINZ & PARTNER**; Postfach 60 08 63, D-81208 München (DE).
(81) BR CA JP KR MX US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
Published / Publiée : (c)
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- (11) **WO 98/52797** (13) A1
(21) PCT/SE98/00867
(22) **12 May/mai 1998 (12.05.1998)**
(25) en (26) en
(31) 08/858,704 (32) **19 May/mai 1997 (19.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **B60R 21/00, 21/32**
(54) ● APPARATUS AND METHODS FOR DETERMINING SEAT OCCUPANT PARAMETERS PRIOR TO DEPLOYMENT OF AN AUTOMOBILE AIRBAG
● APPAREIL ET PROCEDES PERMETTANT DE DETERMINER LES PARAMETRES RELATIFS A L'OCCUPANT D'UN SIEGE AVANT LE DEPLOIEMENT D'UN AIRBAG DANS UNE AUTOMOBILE
(71, 72) **BRANDIN, Börje, A.** [SE/CH]; Route du Port 12 A, CH-1009 Pully (CH).
(74) **AWAPATENT AB**; P.O. Box 45086, S-104 30 Stockholm (SE).
(81) AL AM AT AU (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW HÜ ID IL IS JP KE KG KP KR KZ 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 ÜG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/52798** (13) A1
(21) PCT/US98/10324
(22) **19 May/mai 1998 (19.05.1998)**
(25) en (26) en
(31) 08/861,882 (32) **20 May/mai 1997 (20.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **B60R 22/38, F16F 9/12**
(54) ● DEVICE FOR PREVENTION OF SLAPBACK LOCK OF INERTIA REEL
● DISPOSITIF DE PREVENTION DU BLOCAGE DU RETOUR BRUSQUE D'UN ENROULEUR AUTOMATIQUE
(71) **AM-SAFE, INC.** [US/US]; 240 N. 48th Avenue, Phoenix, AZ 85043 (US).
(72) **CARPENTER, Christopher**; 1710 E. Del Rio, Tempe, AZ 85282 (US). **ZOLLINGER, Lindsay, P.**; 2407 W. Crocus Drive, Phoenix, AZ 85023 (US). **FREEMAN, Michael, J.**; 11251 Orchard Hill Court, Romeo, MI 48065 (US). **WARRICK, James, C.**; 1143 East Knight Lane, Tempe, AZ 85284 (US). **HAGAN, Willard, F.**; 331 N. Corrine Drive, Gilbert, AZ 85234 (US).
(74) **KENAGA, Michael, L.**; Rudnick & Wolfe, P.O. Box 64807, Chicago, IL 60664-0807 (US).
(81) CA MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
Published / Publiée : (c)

- (11) **WO 98/52799** (13) A1
 (21) PCT/US98/10377
 (22) **21 May/mai 1998 (21.05.1998)**
 (25) en (26) en
 (31) 08/863,043 (32) **23 May/mai 1997 (23.05.1997)** (33) US
 (31) 09/081,949 (32) **21 May/mai 1998 (21.05.1998)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **B60R 25/02**
 (54) ● THEFT PREVENTION DEVICE
 ● DISPOSITIF DE PREVENTION CONTRE LE VOL
 (71, 72) **ZENKE, Howard** [US/US]; 124 Columbia Heights, Brooklyn, NY 11201 (US).
 (74) **FLAXMAN, Howard, N.**; Aquilino & Welsh, P.C., Suite 503, 2121 Crystal Drive, Arlington, VA 22202 (US).
 (81) AU BR CA CN JP KR MX UA; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/52800** (13) A1
 (21) PCT/JP98/02186
 (22) **18 May/mai 1998 (18.05.1998)**
 (25) ja (26) ja
 (31) 9/128474 (32) **19 May/mai 1997 (19.05.1997)** (33) JP
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **B60R 25/04, 25/02**
 (54) ● STARTER FOR VEHICLES
 ● DEMARREUR POUR VEHICLES
 (71) **KABUSHIKI KAISHA TOKAI-RIKA-DENKI-SEISAKUSHO** [JP/JP]; 1, Aza-Noda, Ohaza-Toyota, Ohguchi-cho, Niwagun, Aichi-ken 480-01 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **KOKUBU, Sadao** [JP/JP]; Kabushiki Kaisha Tokai-Rika-Denki-Seisakusho, 1, Aza-Noda, Ohaza-Toyota, Ohguchi-cho, Niwagun, Aichi-ken 480-01 (JP).
 (81) KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/52801** (13) A1
 (21) PCT/EP98/02906
 (22) **18 May/mai 1998 (18.05.1998)**
 (25) de (26) de
 (31) 197 21 774.5 (32) **24 May/mai 1997 (24.05.1997)** (33) DE
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **B60T 8/34, F16K 15/18**
 (54) ● HYDRAULIC VEHICLE BRAKING SYSTEM WITH WHEEL SLIP CONTROL, AND A VALVE FOR A BRAKING SYSTEM OF THIS TYPE
 ● SYSTEME DE FREINAGE HYDRAULIQUE POUR VEHICULE A REGULATION ANTIPATINAGE ET SOUPAPE APPROPRIEE POUR SYSTEME DE FREINAGE DE CE TYPE

- (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) **BURGDORF, Jochen** [DE/DE]; Neugasse 11, D-63075 Offenbach (DE). **VOLZ, Peter** [DE/DE]; In den Wingerten 14, D-64291 Darmstadt (DE).
 (74) **BLUM, K.-D.** et al. / etc.; ITT Automotive Europe GmbH, Guerickestrasse 7, D-60488 Frankfurt (DE).
 (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
 Published / Publiée : (c)

- (11) **WO 98/52802** (13) A1
 (21) PCT/EP98/02967
 (22) **20 May/mai 1998 (20.05.1998)**
 (25) de (26) de
 (31) 197 21 837.7 (32) **24 May/mai 1997 (24.05.1997)** (33) DE
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **B60T 8/34, F16K 15/02**
 (54) ● NON-RETURN VALVE AND HYDRAULIC ANTI-SLIP VEHICLE BRAKING SYSTEM WITH A NON-RETURN VALVE
 ● SOUPAPE DE RETENUE ET SYSTEME DE FREINAGE HYDRAULIQUE ANTIBLOCAGE POUR VEHICULE EQUIPE D'UNE TELLE SOUPAPE
 (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) **BURGDORF, Jochen** [DE/DE]; Neugasse 11, D-63075 Offenbach (DE). **VOLZ, Peter** [DE/DE]; In den Wingerten 14, D-64291 Darmstadt (DE).
 (74) **BLUM, K.-D.** et al. / etc.; ITT Automotive Europe GmbH, Guerickestrasse 7, D-60488 Frankfurt (DE).
 (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/52803** (13) A1
 (21) PCT/JP98/02222
 (22) **20 May/mai 1998 (20.05.1998)**
 (25) ja (26) ja
 (31) 9/132362 (32) **22 May/mai 1997 (22.05.1997)** (33) JP
 (31) 9/132363 (32) **22 May/mai 1997 (22.05.1997)** (33) JP
 (31) 9/288266 (32) **21 Oct/oct 1997 (21.10.1997)** (33) JP
 (31) 10/9614 (32) **21 Jan/jan 1998 (21.01.1998)** (33) JP
 (31) 10/9615 (32) **21 Jan/jan 1998 (21.01.1998)** (33) JP
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **B60T 8/58**
 (54) ● ABS DEVICE
 ● DISPOSITIF ABS
 (71) **JAPAN ELECTRONICS INDUSTRY LTD.** [JP/JP]; 3-13-25, Katsuyamakita, Ikuno-ku, Osaka-shi, Osaka 544-0033 (JP).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **MIYAZAKI, Nagao** [JP/JP]; Japan Electronics Industry Ltd., 3-13-25, Katsuyamakita, Ikuno-ku, Osaka-shi, Osaka 544-0033 (JP).
 (74) **YOSHIDA, Minoru** et al. / etc.; 2-32-1301, Tamatsukuri-motomachi, Tennoji-ku, Osaka-shi, Osaka 543-0014 (JP).
 (81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/52804** (13) A1
 (21) PCT/EP98/01840
 (22) **28 Mar/mar 1998 (28.03.1998)**
 (25) de (26) de
 (31) 197 21 739.7 (32) **24 May/mai 1997 (24.05.1997)** (33) DE
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **B60T 13/22**
 (54) ● HYDRAULIC CONTROL DEVICE, SPECIALLY FOR A FORK LIFT
 ● DISPOSITIF DE COMMANDE HYDRAULIQUE, NOTAMMENT POUR ELEVATEUR A FOURCHE
 (71) **MANNESMANN REXROTH AG** [DE/DE]; Jahnstrasse 3 - 5, D-97816 Lohr (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **RÜB, Winfried** [DE/DE]; Am Michaelsberg 16, D-97845 Neustadt (DE).
 (74) **MANNESMANN REXROTH AG**; Jahnstrasse 3 - 5, D-97816 Lohr (DE).
 (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/52805** (13) A1
 (21) PCT/DK98/00203
 (22) **20 May/mai 1998 (20.05.1998)**
 (25) en (26) en
 (31) 0577/97 (32) **20 May/mai 1997 (20.05.1997)** (33) DK
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **B61D 17/18, 17/04**
 (54) ● A CARRIAGE BODY
 ● CAISSE
 (71) **ABB DAIMLER-BENZ TRANSPORTATION DENMARK A/S** [DK/DK]; Toldbodgade 39, DK-8900 Randers (DK).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **NØRREGAARD, Kjeld** [DK/DK]; Toftegårdsvej 32, DK-8600 Silkeborg (DK). **BRÅTSBJERG, Claus** [DK/DK]; Schousgade 2A, 1.tv., DK-8900 Randers (DK). **JENSEN, Jens, Jørgen, Graakjær** [DK/DK]; Sandballevej 90, DK-8382 Hinnerup (DK). **NIELSEN, Ole** [DK/DK]; Glarbjergvej 144, 2.th., DK-8900 Randers (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52806** (13) A1
 (21) PCT/US98/09980
 (22) **14 May/mai 1998 (14.05.1998)**
 (25) en (26) en
 (31) 08/858,672 (32) **19 May/mai 1997 (19.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **B61F 5/50**
 (54) ● RAILWAY VEHICLE SUSPENSION ALIGNED TRUCK
 ● MAINTIEN DE L'ALIGNEMENT DES BOGIES GRACE AU SYSTEME DE SUSPENSION DE VEHICULES FERROVIAIRES
- (71) **BUCKEYE STEEL CASTINGS COMPANY** [US/US]; 2211 Parsons Avenue, Columbus, OH 43207 (US).
- (72) **GILBERT, Kim, T.**; 603 Chatham Road, Columbus, OH 43214 (US). **POLLEY, Richard, B.**; 5565 Mountain Springs Court, Gahanna, OH 43230 (US). **PORTER, Todd, A.**; 961 Lateglow Court, Newark, OH 43055 (US).
- (74) **BUROW, Scott, A.**; Banner & Witcoff, Ltd., Suite 3000, 10 S. Wacker Drive, Chicago, IL 60606 (US).
- (81) AU CA CN MX.
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- (11) **WO 98/52807** (13) A1
 (21) PCT/US98/10507
 (22) **22 May/mai 1998 (22.05.1998)**
 (25) en (26) en
 (31) 60/047,483 (32) **23 May/mai 1997 (23.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **B61F 5/50**
 (54) ● A GENERATOR COUPLER DEVICE AND METHOD
 ● DISPOSITIF ET PROCEDE DE COUPLAGE DE GENERATEUR
- (71) **GE-HARRIS RAILWAY ELECTRONICS, L.L.C.** [US/US]; P.O. Box 8900, Melbourne, FL 32902-8900 (US).
- (72) **RIBB, John, S., Jr.**; 567 S. Sonora Circle, Indiantlantic, FL 32903 (US). **PRESCOTT, James, T., Jr.**; Apartment 110, 240 Interchange Drive, Palm Bay, FL 32907 (US). **MILLER, Warren, H., Jr.**; 1350 Worth Court, N.E., Palm Bay, FL 32905 (US).
- (74) **ROGERS, L., Lawton, III** et al. / etc.; Rogers & Killeen, Suite 400, 510 King Street, Alexandria, VA 22314 (US).
- (81) AU BR CA.
-
- (11) **WO 98/52808** (13) A2
 (21) PCT/US98/10444
 (22) **22 May/mai 1998 (22.05.1998)**
 (25) en (26) en
 (31) 60/047,417 (32) **22 May/mai 1997 (22.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **B62B**
 (54) ● SHOPPING CART WITH THEFT DISABLING DEVICE
- CHARIOT POUR ACHATS COMPORTANT UN DISPOSITIF ANTIVOL
- (71) **MIND QUIRX L.L.C.** [US/US]; 18392 Vista Del Lago, Yorba Linda, CA 92886 (US).
- (72) **PRATHER, James, G.**; 18392 Vista Del Lago, Yorba Linda, CA 92886 (US). **MAANDAG, Patrick**; 3677 Briarvale, Corona, CA 91719 (US). **DUFFY, Harold**; P.O. Box 374, Invokern, CA 93527 (US).
- (74) **MEINCKE, D., Jennings**; Peterson, Uxa & Stout, 100 Pacifica #210, Irvine, CA 92618 (US).
- (81) AU BR CA JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/52809** (13) A1
 (21) PCT/US98/10338
 (22) **20 May/mai 1998 (20.05.1998)**
 (25) en (26) en
 (31) 60/056,913 (32) **22 May/mai 1997 (22.05.1997)** (33) US
 (31) 08/944,262 (32) **6 Oct/oct 1997 (06.10.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **B62B 1/00, 7/02**
 (54) ● WHEELBARROW
 ● BROUETTE
- (71) **AMERICAN INNOVATIONS, LTD.** [US/US]; 8500 Weyand Avenue, Sacramento, CA 95828 (US).
- (71, 72) **FAIRCHILD, Robert, A.** [US/US]; 3065 Turner Court, Cameron Park, CA 95682 (US). **NIE-MEYER, Denis, R.** [US/US]; 4990 Lexington Circle, Loomis, CA 95650 (US).
- (74) **BATEMAN, Philip, L.**; P.O. Box 1105, Decatur, IL 62525 (US).
- (81) CA ID JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/52810** (13) A1
 (21) PCT/US98/08473
 (22) **28 Apr/avr 1998 (28.04.1998)**
 (25) en (26) en
 (31) 08/858,651 (32) **19 May/mai 1997 (19.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **B62B 1/14**
 (54) ● BALING WIRE CART
 ● CHARIOT POUR FIL A EMBALLER
- (71) **L & P PROPERTY MANAGEMENT CO.** [US/US]; 4095 Firestone Boulevard, South Gate, CA 90280 (US).
- (72) **JONES, Samuel, F.**; 1957 W. Trolley Car Lane, Carthage, MO 64836 (US). **JOHNSON, Gerald, L.**; Route 4, Box 504135, Carthage, MO 64836 (US).
- (74) **POFFENBERGER, J., Dwight, Jr.** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/52811** (13) A1
 (21) PCT/NL98/00293
 (22) **25 May/mai 1998 (25.05.1998)**
 (25) nl (26) en
 (31) 1006101 (32) **21 May/mai 1997 (21.05.1997)** (33) NL
 (31) 1006914 (32) **2 Sep/sep 1997 (02.09.1997)** (33) NL
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **B62B 1/26, B65H 49/32, B25H 3/00**
 (54) ● WHEELED DEVICE
 ● DISPOSITIF A ROUES
- (71) **BOOTSMAN HOLDING B.V.** [NL/NL]; P.O. Box 416, NL-2130 AK Hoofddorp (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BOOTSMAN, Gerrit** [NL/NL]; Graftemeersstraat 27, NL-2131 AA Hoofddorp (NL).
- (74) **ASSEDELFT, Jacobus, Hendrikus, Wilhelmus**; Maartensweer 13, NL-2265 DH Leidschendam (NL).
- (81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/52812** (13) A1
 (21) PCT/EP98/02881
 (22) **15 May/mai 1998 (15.05.1998)**
 (25) de (26) de
 (31) 197 21 755.9 (32) **24 May/mai 1997 (24.05.1997)** (33) DE
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **B62D 5/083, 6/02**
 (54) ● REACTION DEVICE ON A SERVO VALVE ARRANGEMENT
 ● SYSTEME DE RETROACTION SUR UN SYSTEME DE SERVO-VALVE
- (71) **MERCEDES-BENZ LENKUNGEN GMBH** [DE/DE]; Rather Strasse 51, D-40476 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BREUNING, Edwin** [DE/DE]; Türlengasse 7, D-73770 Denkendorf (DE). **KÖHLER, Karl-Hans** [DE/DE]; Keplerstrasse 6, D-73249 Wernau

- (DE). **LANGKAMP, Bernd** [DE/DE]; Probststrasse 37/1, D-73669 Lichtenwald (DE). **SCHICK, Bernd** [DE/DE]; Karlstrasse 13, D-73650 Winterbach (DE).
- (74) **DAHMEN, Toni** et al. / etc.; Daimler-Benz Aktiengesellschaft, FTP/S - C 106, D-70546 Stuttgart (DE).
- (81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/52813** (13) A1
 (21) PCT/JP98/01299
 (22) **25 Mar/mar 1998 (25.03.1998)**
 (25) ja (26) ja
 (31) 9/128880 (32) **19 May/mai 1997 (19.05.1997)** (33) JP
 (31) 9/128881 (32) **19 May/mai 1997 (19.05.1997)** (33) JP
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **B62D 6/00**
 (54) ● STEERING ANGLE CORRECTION DEVICE FOR POWER STEERING DEVICES AND VEHICLES
 ● DISPOSITIF DE CORRECTION DE L'ANGLE DE BRAQUAGE POUR DIRECTION ASSISTEE ET VEHICULES
- (71) **KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO** [JP/JP]; 1, Toyoda-cho 2-chome, Kariya-shi, Aichi-ken 448-8671 (JP).
- (72) **ISHIKAWA, Kazuo**; Kabushiki Kaisha Toyoda Jidoshokki Seisakusho, 1, Toyoda-cho 2-chome, Kariya-shi, Aichi-ken 448-8671 (JP). **HYODO, Masaya**; Kabushiki Kaisha Toyoda Jidoshokki Seisakusho, 1, Toyoda-cho 2-chome, Kariya-shi, Aichi-ken 448-8671 (JP).
- (74) **ONDA, Hironori**; 12-1, Ohmiya-cho 2-chome, Gifu-shi, Gifu-ken 500-8731 (JP).
- (81) 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 98/52814** (13) A1
 (21) PCT/EP98/02814
 (22) **13 May/mai 1998 (13.05.1998)**
 (25) de (26) de
 (31) 197 20 902.5 (32) **17 May/mai 1997 (17.05.1997)** (33) DE
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **B62D 25/14, B60K 37/00**
 (54) ● SUB-ASSEMBLY FOR A MOTOR VEHICLE DASH BOARD AREA
 ● SOUS-ENSEMBLE POUR ZONE DE TABLEAU DE BORD DE VEHICULE
- (71) **MANNESMANN VDO AG** [DE/DE]; Kruppstrasse 105, D-60388 Frankfurt am Main (DE). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WICH, Rolf** [DE/DE]; Dachgasse 12, D-63512 Hainburg 2 (DE).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/52815** (13) A1
 (21) PCT/US98/08383
 (22) **27 Apr/avr 1998 (27.04.1998)**
 (25) en (26) en
 (31) 08/859,783 (32) **19 May/mai 1997 (19.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **B62K 23/02, B62M 9/12, 25/04**
 (54) ● METHOD AND DEVICE FOR SPEED CONTROL OF A BICYCLE
 ● SELECTEUR DE VITESSES POUR BICYCLETTE ET PROCEDE CORRESPONDANT
- (71) **FRIEDMAN, Mark, M.** [US/IL]; Alharizi 1, 43406 Raanana (IL). (only for / seulement pour TJ)
- (71, 72) **LAHAT, Chaim** [IL/IL]; 953-3 Har Argaman, P.O. Box 479, 71908 Maccabim (IL).
- (74) **FRIEDMAN, Mark, M.**; c/o Anthony Castorina, Suite 207, 2001 Jefferson Davis Highway, Arlington, VA 22202 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/52816** (13) A1
 (21) PCT/FR98/01023
 (22) **20 May/mai 1998 (20.05.1998)**
 (25) fr (26) fr
 (31) 97/06995 (32) **21 May/mai 1997 (21.05.1997)** (33) FR
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **B62M 11/14**
 (54) ● BICYCLE CRANK GEAR FOR REDUCING EFFORT, AND BICYCLE EQUIPPED WITH SAME
 ● PEDALIER REDUCTEUR D'EFFORT POUR CYCLES, ET CYCLE EQUIPE D'UN TEL PEDALIER
- (71, 72) **MARTINOT, Alain** [FR/FR]; Le Petit Bois, F-58300 Charrin (FR).
- (74) **MARTIN, Didier**; Cabinet Didier Martin, 47, rue Benoit Bennier, F-69260 Charbonnières les Bains (FR).
- (81) CA CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/52817** (13) A1
 (21) PCT/DE98/01366
 (22) **15 May/mai 1998 (15.05.1998)**
 (25) de (26) de
 (31) 197 20 794.4 (32) **16 May/mai 1997 (16.05.1997)** (33) DE
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **B62M 11/18**
 (54) ● MULTISPEED BICYCLE GEAR SYSTEM
 ● TRANSMISSION A PLUSIEURS VITESSES POUR BICYCLETTES
- (71, 72) **ROHLOFF, Bernhard** [DE/DE]; Mönchebergstrasse 30, D-34125 Kassel (DE).
- (74) **FRHR V. SCHORLEMER, R.**; Karthäuser Strasse 5A, D-34117 Kassel (DE).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/52818** (13) A1
 (21) PCT/DE98/01367
 (22) **15 May/mai 1998 (15.05.1998)**
 (25) de (26) de
 (31) 197 20 796.0 (32) **16 May/mai 1997 (16.05.1997)** (33) DE
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **B62M 11/18**
 (54) ● MULTISPEED BICYCLE GEAR SYSTEM
 ● TRANSMISSION A PLUSIEURS VITESSES POUR BICYCLETTES
- (71, 72) **ROHLOFF, Bernhard** [DE/DE]; Mönchebergstrasse 30, D-34125 Kassel (DE).
- (74) **FRHR. V. SCHORLEMER, R.**; Karthäuser Strasse 5A, D-34117 Kassel (DE).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/52819** (13) A1
 (21) PCT/NO98/00148
 (22) **15 May/mai 1998 (15.05.1998)**
 (25) en (26) en
 (31) 972330 (32) **21 May/mai 1997 (21.05.1997)** (33) NO
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **B63B 21/26, E02D 7/20**
 (54) ● DEVICE FOR THE IMPLEMENTATION OF AN ANCHOR INTO THE SEA BOTTOM
 ● DISPOSITIF SERVANT A POSER UNE ANCRE AU FOND DE LA MER
- (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).
- (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/52820** (13) A1
 (21) PCT/US98/07797
 (22) **21 Apr/avr 1998 (21.04.1998)**
 (25) en (26) en

(31) 08/859,212 (32) **20 May/mai 1997** (33) US
(20.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B64D 17/08, 17/62, 17/36**

(54) ● DEVICE TO CONTROL INFLATION CHARACTERISTICS OF PARACHUTES
● DISPOSITIF PERMETTANT DE MODULER LES CARACTERISTIQUES DE GONFLEMENT DES PARACHUTES

(71, 72) **BUTLER, Manley, C., Jr.** [US/US]; 1820 Loudon Avenue, N.W., Roanoke, VA 24017 (US).

(74) **JACOBSON, Harvey, B., Jr.** et al. / etc.; Jacobson, Price, Holman & Stern PLLC, 400 Seventh 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/52821** (13) A1

(21) PCT/FR98/01012

(22) **20 May/mai 1998** (20.05.1998)

(25) fr (26) fr

(31) 97/06244 (32) **22 May/mai 1997** (33) FR
(22.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B64D 17/38, F42B 10/56**

(54) ● DEVICE FOR CONCEALING A PARACHUTE
● DISPOSITIF D'ESCAMOTAGE DE PARACHUTE

(71) **AEROSPATIALE SOCIETE NATIONALE INDUSTRIELLE** [FR/FR]; 37, boulevard de Montmorency, F-75781 Paris Cedex 16 (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROZE des ORDONS, Jacques** [FR/FR]; 25, rue Chamberlain, F-91600 Savigny-sur-Orge (FR).

(74) **SOCIETE DE PROTECTION DES INVENTIONS**; 25, rue de Ponthieu, F-75008 Paris (FR).

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

(11) **WO 98/52822** (13) A1

(21) PCT/EP98/02708

(22) **8 May/mai 1998** (08.05.1998)

(25) de (26) de

(31) 197 21 315.4 (32) **21 May/mai 1997** (33) DE
(21.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B64F 1/22**

(54) ● AIRCRAFT TOWING VEHICLE
● VEHICULE DE REMORQUAGE POUR AVIONS

(71) **KRAUSS-MAFFEI VERKEHRSTECHNIK GMBH** [DE/DE]; Krauss-Maffei-Strasse 2, D-80997 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TRUMMER, Gregor** [DE/DE]; Alpenblick 5, D-82343 Aschering (DE). **MANN, Hartmut** [DE/DE]; Bergetstrasse 22, D-80997 München (DE). **FUCHS, Thomas** [DE/DE]; Gögglstrasse 15, D-80997 München (DE).

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

(11) **WO 98/52823** (13) A1

(21) PCT/TR97/00011

(22) **16 Jul/juil 1997** (16.07.1997)

(25) en (26) en

(31) 97/00396 (32) **20 May/mai 1997** (33) TR
(20.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B65B 15/00**

(54) ● APPARATUS FOR SECURING FLEXIBLE PACKAGES TO A DISPLAY STRIP
● DISPOSITIF SERVANT A FIXER DES EMBALLAGES SOUPLIS A UNE BANDE DE PRESENTATION

(71) **KAR GIDA SANAYI VE TICARET A.S.** [TR/TR]; Seyhli Köyü, Sanayi Cad. No. 36, 81520 Pendik-Istanbul (TR).

(72) **MALKOÇ, Osman**; Bahçelievler Mah., Ali-Rıza Kuzucan Sok. No. 50/6, 34590 Bahçelievler-Istanbul (TR). **YANIK, İhsan**; Yavuztürk Mah., Barbaros Sok. No. 3/B, 81180 Üsküdar-Istanbul (TR). **YILMAZ, Hamza**; Sultançiftliği Mah., 35. Sok. No. 11/2, G.O.Pasa-Istanbul (TR).

(81) AU AZ BG ES GB HU IL KR MK PL PT RO RU TM UA; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/52824** (13) A1

(21) PCT/US98/10544

(22) **22 May/mai 1998** (22.05.1998)

(25) en (26) en

(31) 9710639.7 (32) **23 May/mai 1997** (33) GB
(23.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B65B 21/24**

(54) ● METHOD AND MACHINE FOR SETTING UP AND LOADING CARTONS
● PROCEDE ET MACHINE DE MISE EN FORME ET DE CHARGEMENT DES CARTONS

(71) **THE MEAD CORPORATION** [US/US]; Courthouse Plaza, Northeast, Dayton, OH 45463 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DUPERRAY, Philippe** [FR/FR]; 24, rue Bernardin, F-36000 Châteauroux (FR).

(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 ID IL JP KE KR LT LV MX NO NZ PL RO RU SG SK TR US VN; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/52825** (13) A1

(21) PCT/US98/10543

(22) **22 May/mai 1998** (22.05.1998)

(25) en (26) en

(31) 9710639.7 (32) **23 May/mai 1997** (33) GB
(23.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B65B 43/18**

(54) ● FEEDER MECHANISM AND HOPPER FOR COLLAPSED CARTON BLANKS
● MECANISME ET TREMIE D'ALIMENTATION POUR DECOUPES DE CARTONS PLATS

(71) **THE MEAD CORPORATION** [US/US]; Courthouse Plaza, Northeast, Dayton, OH 45463 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DUPERRAY, Philippe** [FR/FR]; 24, rue Bernardin, F-36000 Châteauroux (FR).

(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 ID IL JP KE KR LT LV MX NO NZ PL RO RU SG SK TR US VN; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/52826** (13) A1

(21) PCT/US98/10579

(22) **22 May/mai 1998** (22.05.1998)

(25) en (26) en

(31) 9710639.7 (32) **23 May/mai 1997** (33) GB
(23.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B65B 43/30, B31B 5/80**

(54) ● CARTON BLANK ERECTING MECHANISM
● MECANISME DE REDRESSEMENT D'EBAUACHE DE CARTON

(71) **THE MEAD CORPORATION** [US/US]; Courthouse Plaza, Northeast, Dayton, OH 45463 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DUPERRAY, Philippe** [FR/FR]; 24, rue Bernardin, F-36000 Châteauroux (FR).

(74) **DREW, Michael, V.** et al. / etc.; The Mead Corporation, 4850D North Church Lane, Smyrna, GA 30380 (US).

(81) AU BR BY CA CN CZ EE HU ID IL JP KE KR LT LV MX NO NZ PL RO RU SG SK TR US VN; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/52827** (13) A1

(21) PCT/EP98/03164

(22) **19 May/mai 1998** (19.05.1998)

(25) en (26) en

(31) 97/06423 (32) **21 May/mai 1997** (33) FR
(21.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B65B 69/00, 55/00**

(54) ● STERILE INFLATION SYSTEM FOR A SEALED BAG WITH FLEXIBLE WALL
● SYSTEME DE GONFLAGE STERILE POUR UN SAC SCHELLE AVEC UNE PAROI FLEXIBLE

(71) **LABORATOIRES MERCK SHARP & DOHME-CHIBRET SNC** [FR/FR]; 3, avenue Hoche, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LATAIX, Gilbert** [FR/FR]; 44, avenue Edouard Michelin, F-63100 Clermont Ferrand (FR).

(74) **HISCOCK, Ian**; Merck & Co., Inc., European Patent Dept., Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (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 (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(25) de (26) de

(31) 197 21 408.8 (32) **22 May/mai 1997 (22.05.1997)** (33) DE

(31) 197 29 194.5 (32) **9 Jul/juil 1997 (09.07.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B65D 5/06**

(54) ● **PACKAGING WITH SEAL**

● EMBALLAGE CONTENANT UN ELEMENT D'ETANCHEITE

(71) **CETONI UMWELTECHNOLOGIE-ENTWICKLUNGSGESELLSCHAFT MBH** [DE/DE]; Patriching 26, D-94034 Passau (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHLATTI, Oliver** [DE/DE]; Patriching 26, D-94034 Passau (DE). **DICHTL, Bettina** [DE/DE]; Lusenstrasse 15, D-94161 Ruderting (DE).

(74) **GRAF, H.** et al. / etc.; Postfach 10 08 26, D-93008 Regensburg (DE).

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

Published / Publiée : (c)

(11) **WO 98/52829** (13) A1

(21) PCT/GB98/01443

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 9710478.0 (32) **20 May/mai 1997 (20.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B65D 19/00**

(54) ● **PALLET**

● **PALETTE**

(71, 72) **JOHNSON, Brian, Patrick** [GB/GB]; Bloomfields, Reading Road, Sherfield-on-Loddon, Hampshire RG27 0EX (GB).

(74) **GEE & CO.**; Chancery House, Chancery Lane, London WC3A 1QU (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 SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52830** (13) A1

(21) PCT/SE98/00967

(22) **20 May/mai 1998 (20.05.1998)**

(25) sv (26) en

(31) 9701882-4 (32) **21 May/mai 1997 (21.05.1997)** (33) SE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B65D 19/38**

(54) ● **PALLET**

● **PALETTE**

(71, 72) **BAS, Allan** [SE/SE]; Slättervägen 14, S-824 40 Hudiksvall (SE).

(74) **AWAPATENT AB**; P.O. Box 53, S-826 22 Söderhamn (SE).

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

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(11) **WO 98/52831** (13) A1

(21) PCT/FR98/01033

(22) **22 May/mai 1998 (22.05.1998)**

(25) fr (26) fr

(31) 97/06431 (32) **23 May/mai 1997 (23.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B65D 23/06**

(54) ● **NECK AND DROP-CATCHING CAP ASSEMBLY**

● **ENSEMBLE GOULOT ET CAPSULE CAPTE-GOUTTE**

(71, 72) **KERIBIN, Alain** [FR/FR]; 3 ter, rue Rouget de l'Isle, F-29200 Brest (FR).

(81) AU BR CA CN JP MX NO US; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/52832** (13) A1

(21) PCT/DK98/00207

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 0590/97 (32) **23 May/mai 1997 (23.05.1997)** (33) DK

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B65D 33/16, 33/36**

(54) ● **A FLEXIBLE CONTAINER, A USE OF A CONTAINER, A CARTRIDGE WITH A POWDERED FILLING, AND A METHOD OF MANUFACTURING A CARTRIDGE**

● **CONTENANT FLEXIBLE, UTILISATION D'UN CONTENANT, CARTOUCHE REMPLIE D'UN CONTENU PULVERULENT, ET PROCEDURE DE PRODUCTION DE CETTE CARTOUCHE**

(71) **DELTAGRAPH A/S** [DK/DK]; Thorsvej 16, DK-4100 Ringsted (DK).

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

(72, 75) **JOSEPHSEN, Birger** [DK/DK]; Klitrosevænget 1, DK-2680 Solrød Strand (DK). **NIELSEN, Kaj** [DK/DK]; Hyrdrevænget 23, DK-8310 Tranbjerg (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52833** (13) A1

(21) PCT/GB98/01467

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 9710538.1 (32) **23 May/mai 1997 (23.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B65D 41/04**

(54) ● **CLOSURE**

● **FERMETURE**

(71) **CROWN CORK & SEAL TECHNOLOGIES CORPORATION** [US/US]; 11535 S. Central Avenue, Alsip, IL 60803-2599 (US).

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

(71) **CARNAUDMETALBOX PLC** [GB/GB]; Downsview Road, Wantage, Oxfordshire OX12 9BP (GB).
(only for / seulement pour LS)

(72, 75) **COLLINS, Malcolm, George** [GB/GB]; 5 Parsonage Close, Charlton Village, Wantage, Oxfordshire OX12 7HP (GB).

(74) **GADSDEN, Robert, Edward**; 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52834** (13) A1

(21) PCT/AU98/00258

(22) **9 Apr/avr 1998 (09.04.1998)**

(25) en (26) en

(31) PO 6982 (32) **23 May/mai 1997 (23.05.1997)** (33) AU

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B65D 41/26, 51/24, A47G 19/23, A47F 1/04, 3/024, B65D 5/16, 5/49, 5/72, 21/02, 43/03, 83/00**

(54) ● A CONTAINER HAVING A LID WITH A FILTER FOR FILTERING A LIQUID AND A DISPENSER THEREFOR

● RECIPIENT AYANT UN COUVERCLE POUR FILTRER UN LIQUIDE ET DISTRIBUTEUR PREVU A CET EFFET

(71) **MT-CUP CORPORATION PTY. LTD.** [AU/AU]; 14 Landy Close, Menai, NSW 2234 (AU).

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

(72, 75) **STEPHAN, George, Phillip** [AU/AU]; 14 Reginald Street, Five Dock, NSW 2046 (AU).

(74) **CARTER SMITH & BEADLE**; Level 10, 189 Kent 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52835** (13) A1

(21) PCT/EP98/02883

(22) **15 May/mai 1998 (15.05.1998)**

(25) en (26) en

(31) 1189/97 (32) **22 May/mai 1997 (22.05.1997)** (33) CH

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B65D 43/10, 85/60, 1/36**

(54) ● DISPLAY PACKAGING FOR FOOD PRODUCTS

● EMBALLAGE VITRINE POUR PRODUITS ALIMENTAIRES

(71) **SOREMARTEC S.A.** [BE/BE]; Drève de l'Arc-en-Ciel 102, B-6700 Schoppach-Arlon (BE).

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

(71) **FERRERO S.P.A.** [IT/IT]; Piazzale Pietro Ferrero, 1, I-12051 Alba (IT).

(only for / seulement pour IT)

(71) **FERRERO OFFENE HANDELSGESELLSCHAFT MBH** [DE/DE]; Hainer Weg 120, D-60599 Frankfurt am Main (DE).

(only for / seulement pour DE)

(72, 75) **TERRASI, Giuseppe** [IT/IT]; Frazione Manera, 14, I-12050 Benevello (IT).

(74) **BOSOTTI, Luciano** et al. / etc.; Jacobacci & Perani S.p.A., Corso Regio Parco, 27, I-10152 Torino (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/52836** (13) A1

(21) PCT/US98/08669

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/858,349 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B65D 43/24**

(54) ● IMPROVED REFUSE CONTAINER LID

● COUVERCLE DE POUBELLE PERFECTIONNE

(71, 72) **TAYLOR, Craig, V.** [US/US]; 22502 South Summit Ridge Circle, Chatsworth, CA 91311 (US).

(74) **HOLMES, Peter, L.** et al. / etc.; Oppenheimer Wolff & Donnelly LLP, Suite 3800, 2029 Century Park East, Los Angeles, CA 90067 (US).

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

Published / Publiée : (b)

(11) **WO 98/52837** (13) A1

(21) PCT/US98/10489

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 08/861,948 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(31) 08/917,037 (32) **22 Aug/août 1997 (22.08.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B65D 47/42**

(54) ● APPLICATOR HAVING A FOAM HEAD

● APPLICATEUR COMPORTANT UNE TETE EN MOUSSE

(71) **HANDBFREE APPLICATORS, INC.** [US/US]; 23716 Birtcher Drive, Lake Forest, CA 92630 (US).

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

(72, 75) **DeVONE, Adam, R.** [US/US]; 6 St. Tropez, Laguna Niguel, CA 92677 (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 BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52838** (13) A1

(21) PCT/GB98/01340

(22) **11 May/mai 1998 (11.05.1998)**

(25) en (26) en

(31) 9710002.8 (32) **17 May/mai 1997 (17.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B65D 49/04, 47/40**

(54) ● POURING DEVICE

● DISPOSITIF VERSEUR

(71) **DANIEL MONTGOMERY & SON LIMITED** [GB/GB]; Old Mill Park Estate, Kirkintilloch, Glasgow G66 1ST (GB).

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

(72, 75) **THOMSON, David, William** [GB/GB]; 14 Gartcluesh Gardens, Bannockburn, Stirling FK6 8QA (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52839** (13) A1

(21) PCT/US98/10565

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 08/862,077 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B65D 50/04**

(54) ● DOUBLE-SHELL CLOSURE HAVING AN ARCUATE GROOVE

● FERMETURE A DOUBLE COQUE COMPORTANT UNE RAINURE COURBEE

(71) **REXAM PLASTICS, INC.** [US/US]; 3245 Kansas Road, Evansville, IN 47711-9611 (US).

(72) **MONTGOMERY, Gary, V.**; 2215 Diefenbach Road, Evansville, IN 47720 (US).

(74) **STELTER, Daniel, C.** et al. / etc.; Middleton & Reutlinger, 2500 Brown & Williamson Tower, Louisville, KY 40202 (US).

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

(11) **WO 98/52840** (13) A1

(21) PCT/DE98/01273

(22) **8 May/mai 1998 (08.05.1998)**

- (25) de (26) de
 (31) 197 20 556.9 (32) **16 May/mai 1997** (33) DE (16.05.1997)
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **B65D 50/06**
 (54) ● CONTAINER WITH A STOPPER AND A CHILD SAFETY DEVICE
 ● CONTENANT AVEC BOUCHON ET ELEMENT DE SECURITE POUR ENFANTS
 (71) **GAPLAST GMBH** [DE/DE]; Wurmansauerstrasse 22, D-82442 Altenau (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **KNEER, Roland** [DE/DE]; Am Weide 11, D-82490 Farchant (DE).
 (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 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 CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52841** (13) A1
 (21) PCT/US98/10663
 (22) **21 May/mai 1998** (21.05.1998)
 (25) en (26) en
 (31) 08/861,793 (32) **22 May/mai 1997** (33) US (22.05.1997)
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **B65D 50/08**
 (54) ● SAFETY CLOSURE AND CONTAINER ASSEMBLY
 ● ENSEMBLE FERMETURE DE PROTECTION ET CONTENANT
 (71) **REXAM PLASTICS INC.** [US/US]; 3245 Kansas Road, Evansville, IN 47711-9611 (US).

- (72) **BRIERE, Marc, A.**; 7633 Marywood Drive, Newburgh, IN 47630 (US). **CLODFELTER, Christopher, B.**; 3725 Richardt Avenue, Evansville, IN 47715 (US). **SPRICK, William, D.**; 5413 Fielding Manor Drive, Evansville, IN 47715 (US).
 (74) **STELTER, Daniel, C.** et al. / etc.; Middleton & Reutlinger, 2500 Brown & Williamson Tower, Louisville, KY 40202-3410 (US).
 (81) BR MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/52842** (13) A1
 (21) PCT/US98/10261
 (22) **20 May/mai 1998** (20.05.1998)
 (25) en (26) en
 (31) 08/859,535 (32) **20 May/mai 1997** (33) US (20.05.1997)
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **B65D 81/10, 85/30**
 (54) ● SUSPENSION PACKAGE
 ● EMBALLAGE A SUSPENSION

- (71) **ADE, INC.** [US/US]; 1430 East 130th Street, Chicago, IL 60633 (US).
 (72) **PHILLIPS, Noel, M.**; 1462 S. State Street, Chicago, IL 60605 (US). **STILES, Tammy, L.**; 3907 N. Kedzie, Chicago, IL 60618 (US). **HARDING, Jennifer, R.**; 3720 N. Lakewood #1, Chicago, IL 60613 (US). **LOFGREN, Lewis, C.**; 405 N. Wabash #4309, Chicago, IL 60611 (US).

- (74) **WEBB, William, A.**; Brinks Hofer Gilson & Lione, NBC Tower, Suite 3600, 455 North Cityfront Plaza Drive, Chicago, IL 60611-5599 (US).

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

- (11) **WO 98/52843** (13) A1

(21) PCT/DE98/01324

(22) **13 May/mai 1998** (13.05.1998)

(25) de (26) de

- (31) 197 20 777.4 (32) **17 May/mai 1997** (33) DE (17.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B65D 81/32**

- (54) ● MULTI-PHASE LAYER SYSTEM WITH PACKAGING
 ● SYSTEME DE COUCHES MULTIPHASES AVEC EMBALLAGE

- (71, 72) **PANZNER, Barbara** [DE/DE]; Wielandstrasse 7, D-53173 Bonn (DE).

- (74) **BAUER, Wulf**; Bayenthalgürtel 15, D-50968 Köln (DE).

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

Published / Publiée : (c)

- (11) **WO 98/52844** (13) A1

(21) PCT/SE97/00816

(22) **20 May/mai 1997** (20.05.1997)

(25) en (26) en

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B65D 85/04, B65H 49/02**

- (54) ● CONTAINER FOR PACKAGING AND UNWINDING A COIL OF WELDING WIRE
 ● CONTENEUR POUR L'EMBALLAGE ET LE DEROULEMENT D'UNE BOBINE DE FIL-ELECTRODE

- (71) **ESAB AB** [SE/SE]; P.O. Box 8004, S-402 77 Göteborg (SE).
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- (72, 75) **B-JENSEN, Bernt-Inge** [SE/SE]; Rexegatan 3, S-442 32 Kungälv (SE). **CARLSSON, Gilbert** [SE/SE]; Tegelbruksgatan 57, S-441 56 Alingsås (SE).

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

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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).

- (11) **WO 98/52845** (13) A1

(21) PCT/JP98/01212

(22) **20 Mar/mar 1998** (20.03.1998)

(25) ja (26) ja

- (31) 9/131355 (32) **21 May/mai 1997** (33) JP (21.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B65D 85/38, 73/02**

- (54) ● CONVEYOR BELT FOR ELECTRONIC PARTS
 ● BANDE TRANSPORTEUSE POUR COMPOSANTS ELECTRONIQUES

- (71) **NISSHO CORPORATION** [JP/JP]; 8-17, Nishitenma 4-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).
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- (72, 75) **MORI, Kazuhiro** [JP/JP]; 3-16-17, Myoukenzaka, Katano-shi, Osaka 576-0021 (JP). **ITEMADANI, Eiji** [JP/JP]; 394-1, Minamihanada-cho, Sakai-shi, Osaka 591-8011 (JP). **TANAKA, Souhei** [JP/JP]; 23-5, Kotobuki-cho, Neyagawa-shi, Osaka 572-0029 (JP). **HIKITA, Osamu** [JP/JP]; 1-25-21, Taguchiyama, Hirakata-shi, Osaka 573-0001 (JP). **TOMIL, Uzo** [JP/JP]; 2-4-10, Meyasukita, Ikaruga-cho, Ikoma-gun, Nara 636-0133 (JP). **SUGIO, Kanji** [JP/JP]; 35-6, Karasakidonomae-cho, Minami-ku, Kyoto-shi, Kyoto 601-8452 (JP). **SHOJI, Teruo** [JP/JP]; 2-4-17, Kitakasugaoka, Ibaragi-shi, Osaka 567-0048 (JP). **ASAO, Yukihiko** [JP/JP]; 8-5-1, Chuodai, Kasugai-shi, Aichi 487-0011 (JP).

- (74) **MATSUMOTO, Takehiko**; 25-6, Hannan-cho 1-chome, Abeno-ku, Osaka-shi, Osaka 545-0021 (JP).

(81) CN KR SG US.

- (11) **WO 98/52846** (13) A1

(21) PCT/US98/10293

(22) **19 May/mai 1998** (19.05.1998)

(25) en (26) en

- (31) 08/859,141 (32) **20 May/mai 1997** (33) US (20.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B65D 85/57**

- (54) ● APPARATUS FOR HOLDING AN ARTICLE
 ● APPAREIL DESTINE A CONTENIR UN ARTICLE

- (71, 72) **ATTAR, Shanas** [AT/US]; 1028 7th Street #202, Santa Monica, CA 90403 (US). **GIBSON, Donal** [US/US]; 2700 Neilson Way #1536, Santa Monica, CA 90405 (US). **LAWLOR, Sean** [IE/US]; 950 Second Street #107, Santa Monica, CA 90403 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52847** (13) A1

(21) PCT/EE98/00002

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) P 97 00058 (32) **21 May/mai 1997 (21.05.1997)** (33) EE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B65D 88/66, B01F 3/08, F23K 5/08**

(54) ● A METHOD FOR MIXING VISCOUS MATTER BY GENERATING SHAPED ACOUSTIC CONVECTION

● PROCÉDE DE MELANGE D'UNE MATIERE VISQUEUSE PAR GENERATION D'ONDES ACOUSTIQUES

(71, 72) **KOKK, Mati** [EE/EE]; Gildi 3/11, EE2400 Tartu (EE). **KÖÖMNEMÄGI, Kalle** [EE/EE]; Vete 13, EE0016 Tallinn (EE). **RJAZIN, Jevgeni** [EE/EE]; Tiigi 14, EE2400 Tartu (EE).

(74) **PUNGAS, Toom**; OÜ Synest, P.O. Box 977, EE0034 Tallinn (EE).

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

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(11) **WO 98/52848** (13) A1

(21) PCT/EP98/02971

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(31) 197 21 284.0 (32) **21 May/mai 1997 (21.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B65F 1/00, 1/16, 1/14, 3/02**

(54) ● CONTAINER FOR COLLECTING RECYCLABLE MATERIALS

● SYSTEME DE RESERVOIRS COLLECTEURS DE MATIERES RECUPERABLES

(71, 72) **KOHLER, Roland** [DE/DE]; Schubertstrasse 5, D-74722 Buchen (DE). **KOHLER, Konrad** [DE/DE]; Schubertstrasse 5, D-74722 Buchen (DE).

(74) **KUHNE, WACKER & PARTNER**; Alois-Steinecker-Strasse 22, D-85354 Freising (DE).

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

Published / Publiée : (c)

(11) **WO 98/52849** (13) A1

(21) PCT/EP98/02735

(22) **11 May/mai 1998 (11.05.1998)**

(25) de (26) de

(31) 297 09 117.4 (32) **23 May/mai 1997 (23.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B65G 45/16**

(54) ● WIPER DEVICE FOR CLEANING CONVEYOR BELTS

● DISPOSITIF RACLEUR POUR LE NETTOYAGE DE BANDES TRANSPORTÉES

(71) **STAHLGRUBER OTTO GRUBER GMBH & CO.** [DE/DE]; Einsteinstrasse 130, D-81675 München (DE).

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(72, 75) **STOLP, Eckhard** [DE/DE]; Aternstrasse 1, D-85521 Riemerling (DE). **WEISENBACH, Jürgen** [DE/DE]; Rupoldinger Strasse 1, D-81825 München (DE).

(74) **BEETZ & PARTNER**; Steinsdorfstrasse 10, D-80538 München (DE).

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

Published / Publiée : (c)

(11) **WO 98/52850** (13) A1

(21) PCT/EP98/02513

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 0578/97 (32) **21 May/mai 1997 (21.05.1997)** (33) DK

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B65G 47/72, 11/20**

(54) ● SPLITTER GATE

● GRILLE DE SEPARATION

(71) **F L SMIDTH & CO. A/S** [DK/DK]; Vigerslev Alle 77, DK-2500 Valby Copenhagen (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HUNDEBOL, Soren** [DK/DK]; Vigerslev Alle 77, DK-2500 Valby Copenhagen (DK).

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

(11) **WO 98/52851** (13) A1

(21) PCT/SE98/00855

(22) **11 May/mai 1998 (11.05.1998)**

(25) en (26) en

(31) 9701888-1 (32) **21 May/mai 1997 (21.05.1997)** (33) SE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B65G 47/90 // 49/04, B66C 1/48, B23Q 7/04**

(54) ● A DEVICE FOR HOLDING AND CARRYING OBJECTS

● DISPOSITIF PERMETTANT DE PORTER ET TRANSPORTER DES OBJETS

(71) **HOLMSTRANDS AUTOMATION AB** [SE/SE]; P.O. Box 104, S-660 50 Vålberg (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LINDVALL, Sture** [SE/SE]; Henrik Palmes Allé 18, S-182 62 Djürsholm (SE).

(74) **LUNDQUIST, Lars-Olof**; L-O Lundquist Patentbyrå AB, P.O. Box 80, S-651 03 Karlstad (SE).

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

(11) **WO 98/52852** (13) A1

(21) PCT/US98/10201

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 08/858,768 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(31) 09/065,261 (32) **23 Apr/avr 1998 (23.04.1998)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B65G 53/66**

(54) ● FIBER DISPENSING SYSTEM

● SYSTEME DISTRIBUTEUR DE FIBRES

(71) **ARR-MAZ PRODUCTS, L.P.** [US/US]; 621 Snively Avenue, Winter Haven, FL 33880 (US).

(72) **RIXOM, Maurice, Roger**; 2420 Creekside Circle South, Irving, TX 75063 (US). **IVES, Dale, A.**; 119 Allen Avenue, S.W., Winter Haven, FL 33880 (US).

(74) **MASON, Joseph, C., Jr.** et al. / etc.; Mason & Associates, P.A., Suite 500, 17757 U.S. Highway, 19 N., Clearwater, FL 33764 (US).

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

(11) **WO 98/52853** (13) A2

(21) PCT/US98/10542

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 9710639.7 (32) **23 May/mai 1997 (23.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B65H**

(54) ● CARTON LOADING MECHANISM

● MECANISME DE CHARGEMENT DE CARTONS

(71) **THE MEAD CORPORATION** [US/US]; Courthouse Plaza, N.E., Dayton, OH 45463 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DUPERRAY, Philippe** [FR/FR]; 24, rue Bernardin, F-36000 Chateauroux (FR).

(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 ID IL JP KE KR LT LV MX NO NZ PL RO RU SG SK TR US VN; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/52854** (13) A1

(21) PCT/US98/10448

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 08/861,986 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B65H 1/18**

(54) ● ADJUSTABLE LOW PAPER SENSOR
● CAPTEUR REGLABLE DE FIN D'APPROVISIONNEMENT EN PAPIER

(71) **TROY SYSTEMS, INC.** [US/US]; 2331 South Pullman Street, Santa Ana, CA 92705 (US).

(72) **SURYA, Ronald;** 2 Rocky Creek Lane, Laguna Hills, CA 92653 (US).

(74) **GESS, Albin, H.;** Price, Gess & Ubell, Suite 250, 2100 S.E. Main Street, Irvine, CA 92614-6238 (US).

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

(11) **WO 98/52855** (13) A1

(21) PCT/US98/10449

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 08/861,682 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B65H 7/02, 43/00**

(54) ● ADD-ON MODULAR PAPER MOVER
● DISPOSITIF D'ENTRAÎNEMENT DE PAPIER MODULAIRE A AJOUTER

(71) **TROY SYSTEMS, INC.** [US/US]; 2331 South Pullman Street, Santa Ana, CA 92705 (US).

(72) **SURYA, Ronald;** 2 Rocky Creek Lane, Laguna Hills, CA 92653 (US).

(74) **GESS, Albin, H.;** Price, Gess & Ubell, Suite 250, 2100 S.E. Main Street, Irvine, CA 92614-6238 (US).

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

(11) **WO 98/52856** (13) A1

(21) PCT/US97/17245

(22) **25 Sep/sep 1997 (25.09.1997)**

(25) en (26) en

(31) 08/861,444 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B65H 18/28**

(54) ● PERFORATED TAB AND TABBED TAPE ROLLS

● ONGLET PERFORE ET ROULEAU DE BANDE A ONGLET

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **MINNEMA, Peter, S.;** P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **LEVINE, Charles, D.** 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).

(11) **WO 98/52857** (13) A1

(21) PCT/DE98/01370

(22) **18 May/mai 1998 (18.05.1998)**

(25) de (26) de

(31) 197 20 492.9 (32) **16 May/mai 1997 (16.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B65H 19/10**

(54) ● METHOD AND DEVICE FOR GRASPING PART OF AN OUTER LAYER OF A STRIP OF MATERIAL ON A SUPPLY ROLL

● PROCEDE ET DISPOSITIF POUR SAISIR UNE PARTIE D'UNE COUCHE EXTERIEURE D'UNE BANDE DE MATERIAU D'UN ROULEAU D'ALIMENTATION

(71) **KOENIG & BAUER AKTIENGESELLSCHAFT** [DE/DE]; Friedrich-Koenig-Strasse 4, D-97080 Würzburg (DE).
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(72, 75) **MENZ, Martin, Günter** [DE/DE]; Mainzer Strasse 10, D-97297 Waldbüttelbrunn (DE).
STETTNER, Gerd, Erich [DE/DE]; Alte Poststrasse 10, D-97297 Waldbüttelbrunn (DE).

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

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(11) **WO 98/52858** (13) A1

(21) PCT/EP98/02867

(22) **15 May/mai 1998 (15.05.1998)**

(25) de (26) de

(31) 197 20 495.3 (32) **16 May/mai 1997 (16.05.1997)** (33) DE

(31) 197 25 878.6 (32) **18 Jun/juin 1997 (18.06.1997)** (33) DE

(31) 197 35 590.0 (32) **15 Aug/août 1997 (15.08.1997)** (33) DE

(31) 197 37 709.2 (32) **29 Aug/août 1997 (29.08.1997)** (33) DE

(31) 197 48 995.8 (32) **6 Nov/nov 1997 (06.11.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B65H 19/22**

(54) ● METHOD AND REELING MACHINE FOR CONTINUOUS REELING OF A STRIP OF MATERIAL

● PROCEDE DE BOBINAGE CONTINU D'UNE BANDE DE MATERIAU ET BOBINEUSE CORRESPONDANTE

(71) **VOITH SULZER PAPIERTECHNIK PATENT GMBH** [DE/DE]; Sankt Pöltener Strasse 43, D-89522 Heidenheim (DE).

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(72, 75) **MÖLLER, Roland** [DE/DE]; Obere Gartenwiesen 14, D-89542 Herbrechtingen (DE).
PREISING, Ralf [DE/DE]; Blumenstrasse 13, D-89183 Holzkiß (DE).
BEISSWANGER, Rudolf [DE/DE]; Holunderweg 11, D-89555 Steinheim (DE).
MADRZAK, Zygmunt [DE/DE]; Ellwangerstrasse 10, D-89522 Heidenheim (DE).
KAIPF, Walter [DE/DE]; Haldeweg 22, D-89437 Haunsheim (DE).

(74) **GLEISS, Alf-Olav** et al. / etc.; Maybachstrasse 6A, D-70469 Stuttgart (DE).

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

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(11) **WO 98/52859** (13) A1

(21) PCT/DE98/01363

(22) **16 May/mai 1998 (16.05.1998)**

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(31) 197 20 748.0 (32) **17 May/mai 1997 (17.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B66B 9/00, 5/00**

(54) ● ELEVATOR WITHOUT AN ELEVATOR SHAFT
● ASCENSEUR SANS CAGE

(71, 72) **THIELOW, Frank, W.** [DE/DE]; Rosenweg 23, D-88285 Bodnegg (DE).

(72, 75) **HILLENBRAND, Siegfried** [DE/DE]; Achalmstrasse 110, D-72461 Albstadt (DE).

(74) **ROTH, Klaus** et al. / etc.; Seestrasse 42, D-88214 Ravensburg (DE).

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

(11) **WO 98/52860** (13) A1

(21) PCT/CA98/00496

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 2,206,010 (32) **23 May/mai 1997 (23.05.1997)** (33) CA

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B66F 7/20**

(54) ● HEAVY VEHICLE LIFTING DEVICE AND METHOD

● DISPOSITIF DE LEVAGE POUR VEHICULES LOURDS ET PROCEDE ASSOCIE

(71) **L.C.I. COTE-NORD INC.** [CA/CA]; Suite 206, 700 boul. Laure, Sept-Iles, Québec G4R 1Y1 (CA).

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

(72, 75) **BELLE, Christian** [CA/CA]; I.C.I. Côte-Nord Inc., Suite 206, 700 boul. Laure, Sept-Îles, Québec G4R 1Y1 (CA). **MARINIER, Serge** [CA/CA]; 20 rue Holway, C.P. 240, Fermont, Québec G0G 1J0 (CA). **BRIAND, Jean** [CA/CA]; 21 rue Tilly, Fermont, Québec G0G 1J0 (CA).

(74) **SOFIA, Michel** et al. / etc.; Swabey Ogilvy Renault, Suite 1600, 1981 McGill College Avenue, Montréal, Québec H3A 2Y3 (CA).

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

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(11) **WO 98/52861** (13) A1

(21) PCT/DK98/00206

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 0589/97 (32) **23 May/mai 1997 (23.05.1997)** (33) DK

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B67B 7/48, 7/68, G03G 15/08**

(54) ● AN APPARATUS AND A METHOD FOR OPENING AND EMPTYING A CONTAINER, AND A USE OF AN APPARATUS
● APPAREIL ET PROCÉDE PERMETTANT D'OUVRIR ET DE VIDER UN CONTENANT, ET UTILISATION DE CET APPAREIL

(71) **DELTAGRAPH A/S** [DK/DK]; Thorsvej 16, DK-4100 Ringsted (DK).
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(72, 75) **JOSEPHSEN, Birger** [DK/DK]; Klitrosevænget 1, DK-2680 Solrød Strand (DK). **NIELSEN, Kaj** [DK/DK]; Hyrdvænget 23, DK-8310 Tranbjerg (DK).

(74) **HOFMAN-BANG & BOUTARD, LEHMANN & REE A/S**; Hans Bekkevolds Allé 7, DK-2900 Hellerup (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52862** (13) A1

(21) PCT/US98/09904

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 08/862,253 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B67D 5/06**

(54) ● TWO COMPARTMENT, MOLDED PLASTIC, PUSH-PULL DISPENSER

● DISTRIBUTEUR A DEUX COMPARTIMENTS, EN PLASTIQUE MOULE DE TYPE "TIRE-POUSSE"

(71) **POLYTOP CORPORATION** [US/US]; 110 Graham Drive, Slatersville, RI 02876 (US).

(72) **SKILLIN, Clifford, W.**; 18 Federal Street, Blackstone, MA 01504 (US). **JOHNSON, Joseph, E.**; 930 Groton Long Point Road, Noank, CT 06340 (US).

(74) **HOFFMAN, Martin, P.** et al. / etc.; Hoffman, Wasson & Gilder, PC, Suite 522, 2361 Jefferson Davis Highway, Arlington, VA 22202 (US).

(81) AU BR CA CN FI JP MX NO NZ RU; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/52863** (13) A1

(21) PCT/US98/10372

(22) **21 May/mai 1998 (21.05.1998)**

(25) en (26) en

(31) 08/861,029 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B67D 5/40**

(54) ● NOVEL LIQUID DISPENSING DEVICE AND METHOD OF MAKING SAME
● NOUVEAU DISTRIBUTEUR DE LIQUIDE ET SON PROCÉDE DE FABRICATION

(71) **FLEIT, Lois** [US/US]; 520 Brickell Key Drive #A201, Miami, FL 33131 (US).

(71, 72) **HELM, James, Dudley** [US/US]; P.O. Box 245, Brasstown, NC 28902 (US).

(74) **FLEIT, PA, Martin** et al. / etc.; Evenson, McKeown, Edwards & Lenahan, PLLC, Suite 700, 1200 G Street, N.W., Washington, DC 20005-3814 (US).

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

Published / Publiée : (c)

(11) **WO 98/52864** (13) A1

(21) PCT/EP98/02723

(22) **9 May/mai 1998 (09.05.1998)**

(25) de (26) de

(31) 197 20 955.6 (32) **17 May/mai 1997 (17.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B67D 5/56**

(54) ● DUAL-CHAMBER CANISTER FOR PRODUCING DILUTED READY-TO-USE SOLUTIONS WITH ANTI-CONFUSION PROTECTION

● RECIPIENT A DEUX CHAMBRES AVEC SECURITE ANTI-INTERVERSION POUR LA PRODUCTION DE SOLUTIONS PRETES A L'EMPLOI DILUEES

(71) **HENKEL-ECOLAB GMBH & CO. OHG** [DE/DE]; Reisholzer Werftstrasse 38-40, D-40589 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CARLHOFF, Gerold** [DE/DE]; Ortmannsweg 7, D-47918 Tönisvorst (DE). **COPELAND, Jim** [US/US]; 12748 Dover Drive, Apple Valley, MN 55124 (US). **COSTER, Thomas** [DE/DE]; Scheuer 1, D-42499 Hückerwagen (DE). **MÜNCH, Stephan** [DE/US]; 2120 Oliver Avenue South, Minneapolis, MN 55405 (US). **PRÜHS, Horst** [DE/DE]; Am Stock 22, D-40472 Düsseldorf (DE). **SCHEURL, Robert** [DE/DE]; Breitmoos 20 a, D-83334 Inzell (DE).

(74) **HASE, Christian**; Henkel KGaA, Patente (TTP), D-40191 Düsseldorf (DE).

(81) AU CA CZ HU JP NO NZ PL TR UA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/52865** (13) A1

(21) PCT/US98/10332

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 60/050,916 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B68B 1/06**

(54) ● AN IMPROVED HORSE BIT ASSEMBLY
● ENSEMBLE MORS PERFECTIONNE

(71, 72) **DAVIS, Roy, J.** [US/US]; P.O. Box 2216, Okeechobee, FL 34973 (US).

(74) **MALLOY, Jennie, S.**; Malloy & Malloy, P.A., Historic Coral Way, 2800 S.W. 3rd Avenue, Miami, FL 33129 (US).

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

(11) **WO 98/52866** (13) A1

(21) PCT/AU98/00344

(22) **13 May/mai 1998 (13.05.1998)**

(25) en (26) en

(31) 22792/97 (32) **19 May/mai 1997 (19.05.1997)** (33) AU

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B68C 1/02**

(54) ● IMPROVEMENTS TO SADDLES
● AMELIORATIONS APPORTEES A DES SELLES

(71, 72) **PRESTON, Liana** [AU/AU]; 89A Garrick Street, Coolangatta, QLD 4225 (AU).

(74) **CULLEN & CO.**; Level 12, 240 Queen Street, Brisbane, QLD 4000 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52867** (13) A1

(21) PCT/EP98/02547

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) de (26) de

(31) 197 21 482.7 (32) **23 May/mai 1997 (23.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **B68G 9/00**

(54) ● METHOD AND DEVICE FOR PRODUCING PACKET SPRING CORES

● PROCEDE ET DISPOSITIF POUR LA FABRICATION DE RESSORTS DE CAPITONNAGE POUR ALVEOLES

(71) **SPINTEX AG** [CH/CH]; Hinterfeld 3b, CH-8852 Altendorf (CH).

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

(72, 75) **KNOBEL, René** [CH/CH]; Ulmenweg 3B, CH-8856 Tuggen (CH).

(74) **RIEBLING, Peter**; Postfach 31 60, D-88113 Lindau (DE).

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

(11) **WO 98/52868** (13) A1

(21) PCT/EP98/01686

(22) **23 Mar/mar 1998 (23.03.1998)**

(25) de (26) de

(31) 197 21 630.7 (32) **23 May/mai 1997 (23.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C01B 3/38**

(54) ● DEVICE FOR REFORMING EDUCTS CONTAINING HYDROCARBONS

● DISPOSITIF POUR LE REFORMAGE D'EDUCTS CONTENANT DES HYDROCARBURES

(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) **VOGEL, Bernhard** [DE/DE]; Ferdinand-Weiss-Strasse 90, D-79106 Freiburg (DE). **SCHULER, Alexander** [DE/DE]; Adlerstrasse 13, D-79098 Freiburg (DE). **LEDJEFF-HEY, Konstantin** [DE/DE]; Lina-Kromer-Strasse 23, D-79379 Müllheim (DE).

(74) **PFENNING, MEINIG & PARTNER GBR**; Mozartstrasse 17, D-80336 München (DE).

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

(11) **WO 98/52869** (13) A1

(21) PCT/US98/10334

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 60/047,463 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(31) 60/083,680 (32) **30 Apr/avr 1998 (30.04.1998)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C01B 33/20, 39/04**

(54) ● LYOTROPIC LIQUID CRYSTALLINE L₃ PHASE SILICATED NANOPOROUS MONOLITHIC COMPOSITES AND THEIR PRODUCTION

● COMPOSITES MONOLITHIQUES NANOPOREUX, SILICATES, A PHASE L₃ CRYSTALLINE, LIQUIDE, LYOTROPIQUE ET LEUR PRODUCTION

(71) **TRUSTEES OF PRINCETON UNIVERSITY** [US/US]; P.O. Box 36, Princeton, NJ 08544-0036 (US).

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

(72, 75) **MCGRATH, Kathryn, M.** [AU/US]; 22 Foxcroft Avenue, Princeton, NJ 08540 (US). **DABBS, Daniel, M.** [US/US]; 167 Nassau Court, Princeton, NJ 08540 (US). **AKSAY, Ilhan, A.** [US/US]; 16 Kimberly Court, Princeton, NJ 08540 (US). **GRUNER, Sol, M.** [US/US]; 327 Dodds Lane, Princeton, NJ 08540 (US).

(74) **FRISCIA, Michael, R.**; Friscia & Nussbaum, One University Plaza, Hackensack, NJ 07601 (US).

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

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(11) **WO 98/52870** (13) A1

(21) PCT/US98/09019

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 08/859,871 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C01F 11/00**

(54) ● SEEDING OF ARAGONITE CALCIUM CARBONATE AND THE PRODUCT THEREOF

● AMORÇAGE DE CARBONATE DE CALCIUM DE TYPE ARAGONITE ET PRODUIT OBTENU

(71) **ECC INTERNATIONAL INC.** [US/US]; Suite 300, 100 Mansell Court East, Roswell, GA 30076 (US).

(72) **FORTIER, Steven, M.**; 1761 Cedarwood Road, Milledgeville, GA 31061 (US). **JACKSON, Bruce**; 104 Wynnbrook Drive, Sandersville, GA 31082 (US).

(74) **KIKEL, Suzanne**; ECC International Inc., Calgon Center, 5400 Campbells Run Road, Pittsburgh, PA 15205-1084 (US).

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

(11) **WO 98/52871** (13) A1

(21) PCT/JP98/02187

(22) **18 May/mai 1998 (18.05.1998)**

(25) ja (26) ja

(31) 9/133924 (32) **23 May/mai 1997 (23.05.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C01G 23/00**

(54) ● TITANIUM OXIDE-CONTAINING MATERIAL AND PROCESS FOR PREPARING THE SAME

● MATIERE CONTENANT DE L'OXYDE DE TITANE ET SON PROCEDE DE PREPARATION

(71) **KYORASHA CO., LTD.** [JP/JP]; 539, Yamabushiyama-cho, Nishikikouji-agaru, Muro-machi-douri, Nakagyo-ku, Kyoto-shi, Kyoto 604-8156 (JP).

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

(72, 75) **MORI, Takefumi** [JP/JP]; Moritoshi Kabushikikaisha, 77, Aza-Tsujinishi, Oaza-Tamanoi, Kisogawa-cho, Haguri-gun, Aichi 493-0004 (JP).

(74) **IKEUCHI, Hiroyuki** et al. / etc.; Umeda Plaza Building, Suite 401, 3-25, Nishitenma 4-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).

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

(11) **WO 98/52872** (13) A1

(21) PCT/US98/07163

(22) **9 Apr/avr 1998 (09.04.1998)**

(25) en (26) en

(31) 08/860,000 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C01G 43/00**

(54) ● REMOVAL OF TECHNETIUM IMPURITIES FROM URANIUM HEXAFLUORIDE

● EXTRACTION D'IMPURETES DE TECHNETIUM D'HEXAFLUORURE D'URANIUM

(71) **THE UNITED STATES ENRICHMENT CORPORATION** [US/US]; Two Democracy Center, 4th floor, 6903 Rockledge Drive, Bethesda, MD 20817 (US).

(72) **SARACENO, Anthony, J.**; 276 Crestwood Drive, Waverly, OH 45690 (US). **BANKS, Keith, D.**; 2797 Morris Lane, Lucasville, OH 45648 (US).

(74) **BECK, David, G.** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52873** (13) A2

(21) PCT/US98/10453

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 08/858,267 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C02F**

(54) ● IN-WELL AIR STRIPPING, OXIDATION, AND ADSORPTION

● PROCÉDE D'ELIMINATION PAR L'AIR, OXYDATION ET ADSORPTION EN PUIT

(71) **ARCADIS GERAGHTY & MILLER, INC.** [US/US]; Suite 2100, 1099 18th Street, Denver, CO 80202 (US).

(72) **SUTHERSAN, Suthan, S.**; 1123 Quarry Commons Drive, Yardley, PA 19067 (US).

(74) **STANDLEY, Jeffrey, S.**; Standley & Gilcrest, Suite 210, 495 Metro Place South, Dublin, OH 43017 (US).

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

(11) **WO 98/52874** (13) A2

(21) PCT/US98/10568

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 08/859,340 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C02F**

(54) ● WATER TREATMENT SYSTEM HAVING DOSING CONTROL

● SYSTEME DE TRAITEMENT DE L'EAU A REGULATION DU DOSAGE

(71) **UNITED STATES FILTER CORPORATION** [US/US]; 40-004 Cook Street, Palm Desert, CA 92211 (US).

(72) **WILKINS, Frederick, C.**; 2 Sirius Lane, Peppere-ll, MA 01463 (US). **WILLIAMS, Arthur, F.**; 25 Hawkstead Hollow, Nashua, NH 03063 (US). **LIANG, Li-Shiang**; 258 Bolton Road, Harvard, MA 01451 (US). **BENDLIN, Herbert**; D-56235 Ransbach-Baumbach (DE). **DUPONT, Stephane**; 15, rue Rose, F-78990 Elancourt (FR). **BRUST, Achim**; Auf Der Lind 7, D-65529 Waldems-Esch (DE). **YONJAN, Bikram**; 172 Middlesex Avenue, Medford, MA 02155 (US).

(74) **GANZI, Gary, C.**; United States Filter Corporation, 10 Technology Drive, Lowell, MA 01851 (US).

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

(11) **WO 98/52875** (13) A1

(21) PCT/GB98/01363

(22) **13 May/mai 1998 (13.05.1998)**

(25) en (26) en

(31) 9710448.3 (32) **22 May/mai 1997 (22.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C02F 1/00, 1/50**

(54) ● INHIBITION OF WATER MOULD IN RECREATIONAL CIRCULATING WATER

● INHIBITION DE LA CROISSANCE DES CHAMPIGNONS AQUATIQUES DANS UNE EAU DE LOISIR RECIRCULEE

(71) **ZENECA LIMITED** [GB/GB]; 15 Stanhope Gate, London W1Y 6LN (GB). **ZENECA INC.** [US/US]; 1800 Concord Pike, Wilmington, DE 19897 (US).

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

(72, 75) **MCGEECHAN, Paula, Louise** [GB/GB]; Hexagon House, P.O. Box 42, Blackley, Manchester M9 8ZS (GB). **VORE, Roy** [US/US]; Zeneca, Inc., 1800 Concord Pike, CRDL 202, Wilmington, DE 19897 (US).

(74) **FAWKES, David, Melville**; Zeneca Specialties, Intellectual Property Group, Hexagon House, P.O. Box 42, Blackley, Manchester M9 8ZS (GB) et al. / etc.

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

(11) **WO 98/52876** (13) A1

(21) PCT/AU98/00364

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) PO 6886 (32) **19 May/mai 1997 (19.05.1997)** (33) AU

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C02F 1/48, F16L 55/24**

(54) ● REMOVAL OF CELL GROWTH FROM A BODY OF WATER

● SUPPRESSION DE LA PROLIFERATION CELLULAIRE DANS UN PLAN D'EAU

(71, 72) **TELFER, David, Brian** [GB/AU]; 48/22 Jennifer Avenue, Runaway Bay, Gold Coast, QLD 4216 (AU). **MORRIS, Terence, Edward** [AU/AU]; 9 Ouyan Street, Bundall, QLD 4217 (AU).

(74) **CULLEN & CO.**; G.P.O. Box 1074, Brisbane, QLD 4001 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52877** (13) A1

(21) PCT/US98/09919

(22) **15 May/mai 1998 (15.05.1998)**

(25) en (26) en

(31) 08/858,242 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(31) 09/024,333 (32) **17 Feb/fév 1998 (17.02.1998)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C02F 1/52, 1/28, D21H 21/10**

(54) ● METHOD OF WATER TREATMENT USING ZEOLITE CRYSTALLOID COAGULANTS

● PROCÉDE D'EPURATION DE L'EAU UTILISANT DES COAGULANTS CRISTALLOIDES DE ZEOLITE

(63) US 09/024,333 (CON) 17 Feb/fév 1998 (17.02.1998)

(71) **SORTWELL & CO.** [US/US]; 103 Gleneagles, St. Simons Island, GA 31522 (US).

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(72, 75) **NAGAN, Leo, E.** [US/US]; 5249 W. Mercer Way, Mercer Island, WA 98040 (US).

(74) **ZELLER, James, P.**; Marshall, O'Toole, Gerstein, Murray & Borun, 6300 Sears Tower, 233 S. 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52878** (13) A1

(21) PCT/CN97/00049

(22) **19 May/mai 1997 (19.05.1997)**

(25) zh (26) zh

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C02F 1/68, A01K 63/04, C02F 1/00, B01D 24/12**

(54) ● A WATER PURIFICATION APPARATUS HAVING FINE FUNCTIONS

● DISPOSITIF PURIFICATEUR D'EAU POLYVALENT

(71, 72) **CHEN, Chengrui** [CN/CN]; 22-1,11, Lingzhongtang, Lonsheng Cun, Zaoqiao Village, Miaoli County, Taiwan (CN).

(72, 75) **ZENG, Wangxi** [CN/CN]; 913 Zhongshan Road, Zengjia Cun, Shengang Village, Zhanghua County, Taiwan (CN).

(74) **CHINA SCIENCES PATENT AGENT LIMITED**; 6/F, 100 East Zhongguancun Road, Beijing 100080 (CN).

(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); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/52879** (13) A1

(21) PCT/EP98/02965

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 9/145938 (32) **20 May/mai 1997 (20.05.1997)** (33) JP

(31) 9/224450 (32) **7 Aug/août 1997 (07.08.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C03B 19/14, C03C 3/06, 23/00, G02B 1/00**

(54) ● SYNTHETIC SILICA GLASS USED WITH UV-RAYS AND METHOD PRODUCING THE SAME

● VERRE DE SILICE SYNTHETIQUE UTILISE AVEC DES RAYONS UV ET PROCEDE DE PRODUCTION DE CE DERNIER

(71) **HERAEUS QUARZGLAS GMBH [DE/DE]**; Quarzstrasse, D-63450 Hanau (DE). **SHIN-ETSU QUARTZ PRODUCTS CO., LTD. [JP/JP]**; 22-2, Nishi-Shinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **OHASHI, Norio [JP/JP]**; 2-46, Hideno-yama, Asaka-machi, Koriyama-shi, Fukushima 963-0101 (JP). **KURIYAMA, Michio [JP/JP]**; 15-2, Midori-machi, Koriyama-shi, Fukushima 963-8023 (JP). **YAMAGATA, Shigeru [JP/JP]**; 2-166-2, Kurume, Koriyama-shi, Fukushima 963-8846 (JP). **SUNADA, Shigemasa [JP/JP]**; 10-12, Fuchu 1-chome, Takefu-shi, Fukui 915-0071 (JP).

(74) **STAUDT, Armin**; Heraeus Quarzglas GmbH, Schutzrechte, Quarzstrasse, D-63450 Hanau (DE).

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

Published / Publiée : (c)

(11) **WO 98/52880** (13) A1

(21) PCT/US98/07565

(22) **14 Apr/avr 1998 (14.04.1998)**

(25) en (26) en

(31) 60/043,136 (32) **14 Apr/avr 1997 (14.04.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C03C 3/00**

(54) ● MICROPOROUS AND MESOPOROUS CERAMIC MATERIAL COMPOSITIONS AND METHODS

● COMPOSITIONS POUR MATIERES CERAMIQUES MICROPOREUSES ET MESOPOREUSES ET PROCEDES ASSOCIES

(71, 72) **TEJEDOR, Isabel, M. [ES/US]**; Madison, WI 53711 (US). **ANDERSON, Marc, A. [US/US]**; Madison, WI 53711 (US).

(74) **SCANLON, William, J.**; 616 S. Ingersoll, Madison, WI 53703 (US).

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

(11) **WO 98/52881** (13) A1

(21) PCT/JP98/02150

(22) **15 May/mai 1998 (15.05.1998)**

(25) en (26) en

(31) 9/150194 (32) **22 May/mai 1997 (22.05.1997)** (33) JP

(31) 9/184550 (32) **24 Jun/juin 1997 (24.06.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C03C 17/25, C03B 23/24**

(54) ● SOLAR REFLECTIVE GLASS BLOCK AND METHOD OF PRODUCING THE SAME

● BRIQUE DE VERRE REFLECHISSANT LES RAYONS SOLAIRES ET SON PROCEDE DE PRODUCTION

(71) **NIPPON ELECTRIC GLASS CO., LTD. [JP/JP]**; 7-1, Seiran 2-chome, Otsu-shi, Shiga 520-8639 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **YAMAJI, Michio [JP/JP]**; Nippon Electric Glass Co., Ltd., 7-1, Seiran 2-chome, Otsu-shi, Shiga 520-8639 (JP). **HASHIBE, Yoshio [JP/JP]**; Nippon Electric Glass Co., Ltd., 7-1, Seiran 2-chome, Otsu-shi, Shiga 520-8639 (JP).

(74) **GOTO, Yosuke et al. / etc.**; The Third Mori Building, 4-10, Nishishinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).

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

(11) **WO 98/52882** (13) A1

(21) PCT/US98/09157

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 08/858,243 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C04B 28/14 // (C04B 28/14, 7:02, 18:14, 18:24) (C04B 28/14, 7:02, 14:14, 18:10), 111:28, 111:62**

(54) ● CEMENTITIOUS GYPSUM-CONTAINING BINDERS AND COMPOSITIONS AND MATERIALS MADE THEREFROM

● LIANTS A BASE DE CIMENT CONTENANT DU GYPSE ET COMPOSITIONS ET MATERIAUX REALISES AVEC CE LIANT

(71) **NATIONAL GYPSUM COMPANY [US/US]**; 2001 Rexford Road, Charlotte, NC 28211-3498 (US).

(72) **STAV, Elisha**; Kibbutz Gheshher, 15157 M.P. Jordan Valley (IL). **BURKARD, Edward, A.**; 8395 Stahley Road, East Amherst, NY 14051 (US). **FIN-KELSTEIN, Ronald, S.**; 241 Wellington Drive, East Amherst, NY 14051 (US). **WINKOWSKI, Daniel, A.**; 42 Cloister Court, Tonawanda, NY 14150 (US). **METZ, Lambert, J.**; 311 Joseph Drive, Tonawanda, NY 25260 (US). **MUDD, Patrick, J.**; 436 Braxmar Road, Tonawanda, NY 14150 (US).

(74) **SCHALLER, Cynthia, L.**; Marshall, O'Toole, Gerstein, Murray & Borun, Suite 6300, 233 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52883** (13) A1

(21) PCT/GB98/01303

(22) **18 May/mai 1998 (18.05.1998)**

(25) en (26) en

(31) 9709988.1 (32) **17 May/mai 1997 (17.05.1997)** (33) GB

(31) 9727108.4 (32) **23 Dec/déc 1997 (23.12.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C04B 35/66, 40/06, 40/00**

(54) ● CASTABLE REFRACTORY COMPOSITIONS
● COMPOSITIONS REFRACTAIRES COULABLES

(71) **VESUVIUS K.S.R. LIMITED [GB/GB]**; Sandiron House, 449/453 Abbey Lane, Beauchief, Sheffield S7 2RA (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HEY, Alan [GB/GB]**; Joan Royd Cottage, Joan Royd Lane, Penistone, Sheffield S36 9DA (GB). **PICKARD, David, Michael [GB/GB]**; 9 Inglewood Avenue, Sothall, Beighton, Sheffield S20 2QZ (GB).

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

(11) **WO 98/52884** (13) A1

(21) PCT/GB98/01511

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 9710636.3 (32) **23 May/mai 1997 (23.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C06D 7/00**

(54) ● PELARGONIC ACID VANILLYLAMIDE CONTAINING TEAR GAS

● VANILLYLAMIDE D'ACIDE PELARGONIQUE RENFERMANT DU GAZ LACRYMOGENE

(71, 72) **BAUER, Eran, Nicodemus [GB/GB]**; Lodge Farm, Newark Road, Norton Disney, Lincoln LN6 9JP (GB). **BAUER, Penelope, Jane [GB/GB]**; Lodge Farm, Newark Road, Norton Disney, Lincoln LN6 9JP (GB). **BAUER, Gerard, Miet [GB/GB]**; The Manor House, Barnes lane, Wellingore, Lincoln LN5 0JB (GB).

- (72, 75) **MUSER, Felix** [CH/CH]; Riedbödelstrasse 1, CH-8834 Schindellegi (CH). **SALVEL, Renato** [CH/CH]; Grubenackerstrasse 95, CH-8052 Zürich (CH).
- (74) **ELSWORTH, Dominic, Stephen**; Hargreaves Elsworth, Doughty Cottage, Vicarage Lane, Wellington, Lincoln LN5 0JF (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 GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52885** (13) A1

(21) PCT/AT98/00112

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) de (26) de

(31) A 865/97 (32) **21 May/mai 1997 (21.05.1997)** (33) AT

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07B 31/00, C07D 491/10, 307/00, 223/00 // C07C 1/26, C07D 333/10, (C07D 491/10, 307/00, 223/00)**

- (54) ● REDUCTION OF AROMATIC HALOGENIDES
● REDUCTION D'HALOGENURES AROMATIQUES

(71) **SANOCHEMIA LTD.** [MT/MT]; 136 St. Christopher Street, Valetta, Malta (MT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CZOLLNER, Laszlo** [AT/AT]; Landeggstrasse 7, A-2491 Neufeld (AT). **FRÖHLICH, Johannes** [AT/AT]; Arbeitergasse 50, A-1050 Wien (AT). **JORDIS, Ulrich** [AT/AT]; Hofzeile 6, A-1190 Wien (AT). **KÜENBURG, Bernhard** [AT/AT]; Billrothstrasse 39/3/10, A-1190 Wien (AT).

(74) **BEER, Manfred** et al. / etc.; Lindengasse 8, A-1070 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52886** (13) A1

(21) PCT/FR98/00973

(22) **15 May/mai 1998 (15.05.1998)**

(25) fr (26) fr

(31) 97/06064 (32) **16 May/mai 1997 (16.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07B 45/00, C07C 303/38, 311/48**

- (54) ● METHOD FOR THE SYNTHESIS OF PERFLUOROSULPHONAMIDES, PERFLUOROSULPHONAMIDES AND THEIR SALTS, AND A SULPHONATION REAGENT
● PROCEDE DE SYNTHESE DE PERFLUOROSULFONAMIDES, DE PERFLUOROSULFONIMIDES ET DE LEURS SELS. AINSI QU'UN REACTIF DE SULFONYLATION

(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) **PEVERE, Virginie** [FR/FR]; 37, rue Bataille, F-69008 Lyon (FR). **MARX, Emmanuel** [FR/FR]; Hameau de Boyeux, F-69380 Châtillon d'Azergues (FR).

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

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

(11) **WO 98/52887** (13) A1

(21) PCT/US98/09556

(22) **11 May/mai 1998 (11.05.1998)**

(25) en (26) en

(31) 08/861.475 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07C 2/62, 2/70**

- (54) ● MULTISTAGE ALKYLATION PROCESS
● PROCEDE D'ALKYLATION A NIVEAUX MULTIPLES

(71) **AMOCO CORPORATION** [US/US]; Law Dept., Mail Code 1907A, 200 E. Randolph Drive, P.O. Box 87703, Chicago, IL 60680-0703 (US).

(72) **MEHLBERG, Robert, L.**; 123 W. Madison, Wheaton, IL 60187 (US). **HUFF, George, A., Jr.**; 823 Morven Court, Naperville, IL 60563 (US).

(74) **KRETCHMER, Richard, A.**; Amoco Corporation, Law Dept., Mail Code 1907A, P.O. Box 87703, Chicago, IL 60680-0703 (US).

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

(11) **WO 98/52888** (13) A1

(21) PCT/GB98/01494

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 97/4536 (32) **23 May/mai 1997 (23.05.1997)** (33) ZA

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07C 11/02, 1/04, 2/34**

- (54) ● PRODUCTION OF OLIGOMERS
● PRODUCTION D'OLIGOMERES

(71) **SASOL TECHNOLOGY (PROPRIETARY) LIMITED** [ZA/ZA]; 1 Sturdee Avenue, Rosebank, Johannesburg 2196 (ZA).
(for all designated States except / pour tous les États désignés sauf US)

(71) **SASOL CHEMICALS EUROPE LIMITED** [GB/GB]; 1 Hockley Court, 2401 Stratford Road, Hockley Heath, Solihull, West Midlands B94 6NW (GB).
(only for / seulement pour SD)

(72, 75) **RANWELL, Alta** [ZA/ZA]; 54 Beethoven Street, Vanderbijlpark 1911 (ZA). **DE WET, Hester** [ZA/ZA]; 24 Beethoven Street, Vanderbijlpark 1911 (ZA). **SITETYANA, Pindiwi** [ZA/ZA]; A2 College Park, Sasolburg 9570 (ZA).

(74) **ABLEWHITE, Alan, James**; Marks & Clerk, 57-60 Lincoln's Inn Fields, London WC2A 3LS (GB).

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

(11) **WO 98/52889** (13) A1

(21) PCT/JP98/02170

(22) **18 May/mai 1998 (18.05.1998)**

(25) ja (26) ja

(31) 9/132059 (32) **22 May/mai 1997 (22.05.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07C 19/08, 17/386**

- (54) ● PROCESS FOR THE PREPARATION OF PENTAFLUOROETHANE
● PROCEDE DE PREPARATION DE PENTAFLUOROETHANE

(71) **DAIKIN INDUSTRIES LTD.** [JP/JP]; Umeda Center Building, 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-0015 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOHNO, Satoru** [JP/JP]; Yodogawa Works of Daikin Industries Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-0044 (JP). **SHIBANUMA, Takashi** [JP/JP]; Yodogawa Works of Daikin Industries Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-0044 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

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

(11) **WO 98/52890** (13) A1

(21) PCT/US98/10264

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 60/047.338 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07C 21/00, A01N 33/02**

- (54) ● 3-ARYLPROPYLAMINO NEUROPEPTIDE Y RECEPTOR ANTAGONISTS
● ANTAGONISTES DU RECEPTEUR DES 3-ARYLPROPYLAMINO NEUROPEPTIDES Y

(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) **FRITZ, James, Erwin** [US/US]; 9757 North Moonstone Place, McCordsville, IN 46055 (US). **HIPSKIND, Philip, Arthur** [US/US]; 3660 South Farmstone Circle, New Palestine, IN 46163 (US). **KALDOR, Stephen, Warren** [US/US]; 7435 Burkwood Way, Indianapolis, IN 46254 (US). **LOBB, Karen, Lynn** [US/US]; 5625 East Lowell Avenue, Indianapolis, IN 46219 (US). **NIXON, James, Arthur** [US/US]; 7375 Taos Trail, Indianapolis, IN 46219 (US). **SCOTT, William,**

Leonard [US/US]; 144 Buckingham Drive, Indianapolis, IN 46208 (US).

(74) **GAYLO, Paul, J.** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/52891** (13) A1

(21) PCT/EP98/02777

(22) **12 May/mai 1998 (12.05.1998)**

(25) de (26) de

(31) 197 20 657.3 (32) **16 May/mai 1997 (16.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07C 29/136, B01J 23/42, 23/68**

(54) ● METHOD FOR PRODUCING ALIPHATIC ALCOHOLS
● PROCEDE DE PRODUCTION D'ALCOOLS ALIPHATIQUES

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

(72, 75) **FISCHER, Rolf** [DE/DE]; Bergstrasse 98, D-69121 Heidelberg (DE). **PINKOS, Rolf** [DE/DE]; Birkental 3a, D-67098 Bad Dürkheim (DE). **WULF-DÖRING, Joachim** [DE/DE]; Hanns-Fay-Strasse 4, D-67227 Frankenthal (DE).

(74) **ISENBRUCK, Günter;** Bardehle, Theodor-Heuss-Anlage 12, D-68165 Mannheim (DE).

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

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(11) **WO 98/52892** (13) A1

(21) PCT/EP98/02778

(22) **12 May/mai 1998 (12.05.1998)**

(25) de (26) de

(31) 197 20 606.9 (32) **16 May/mai 1997 (16.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07C 29/19, 31/27**

(54) ● METHOD FOR PRODUCING ALCOHOLS CONTAINING CYCLOALIPHATIC GROUPS
● PROCEDE DE PRODUCTION D'ALCOOLS CONTENANT DES GROUPES CYCLOALIPHATIQUES

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

(72, 75) **FISCHER, Rolf** [DE/DE]; Bergstrasse 98, D-69121 Heidelberg (DE). **PINKOS, Rolf** [DE/DE]; Birkental 3a, D-67098 Bad Dürkheim (DE). **WULF-DÖRING, Joachim** [DE/DE]; Hanns-Fay-Strasse 4, D-67227 Frankenthal (DE).

(74) **ISENBRUCK, Günter;** Bardehle et al., Theodor-Heuss-Anlage 12, D-68165 Mannheim (DE).

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

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(11) **WO 98/52893** (13) A1

(21) PCT/JP98/02166

(22) **18 May/mai 1998 (18.05.1998)**

(25) ja (26) ja

(31) 9/128447 (32) **19 May/mai 1997 (19.05.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07C 31/20, 29/58 // C07M 7:00**

(54) ● PROCESS FOR PRODUCING 1,2-PROPANEDIOL
● PROCEDE DE PRODUCTION DE 1,2-PROPANEDIOL

(71) **DAISO CO., LTD.** [JP/JP]; 10-8, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IKAI, Kousei** [JP/JP]; Daiso Co., Ltd., 9, Otakasu-cho, Amagasaki-shi, Hyogo 660-0842 (JP). **KAMEYAMA, Naotaka** [JP/JP]; Daiso Co., Ltd., 9, Otakasu-cho, Amagasaki-shi, Hyogo 660-0842 (JP). **FURUKAWA, Yoshiro** [JP/JP]; Daiso Co., Ltd., 9, Otakasu-cho, Amagasaki-shi, Hyogo 660-0842 (JP). **MIKAMI, Masafumi** [JP/JP]; Daiso Co., Ltd., 9, Otakasu-cho, Amagasaki-shi, Hyogo 660-0842 (JP).

(74) **KISHIMOTO, Einosuke** et al. / etc.; Inaba Building, 3rd floor, 13-18, Nishishinsaibashi 1-chome, Chuo-ku, Osaka-shi, Osaka 542-0086 (JP).

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

(11) **WO 98/52894** (13) A1

(21) PCT/EP98/02762

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 97108355.5 (32) **23 May/mai 1997 (23.05.1997)** (33) EP

(34) CH et al. / etc.

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07C 35/17, A61K 31/045, C07F 7/18**

(54) ● CYCLOHEXANEDIOL DERIVATIVES
● DERIVES CYCLOHEXANEDIOL

(71) **F.HOFFMANN-LA ROCHE AG** [CH/CH]; Grenzachstrasse 124, CH-4070 Basel (CH).

(72) **BAUER, Franz;** Pantelweg 10, CH-4153 Reinach (CH). **COURTNEY, Lawrence, F.;** 19 Dexter Drive North, Basking Ridge, NJ 07920-1540 (US).

(74) **KJELLSAA-BERGER, Hanny;** Grenzachersstrasse 124, CH-4070 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52895** (13) A1

(21) PCT/EP98/02643

(22) **5 May/mai 1998 (05.05.1998)**

(25) de (26) de

(31) 197 20 539.9 (32) **16 May/mai 1997 (16.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07C 37/20, 37/74, 37/82, 37/84, 39/16**

(54) ● METHOD FOR CONTINUOUS PRODUCTION OF DIHYDROXYDIARYLALKANES
● PROCEDE DE PRODUCTION EN CONTINU DE DIHYDROXYDIARYLALKANES

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

(72, 75) **FENNHOF, Gerhard** [DE/DE]; Am Schronhof 9a, D-47877 Willich (DE). **BUYSCH, Hans-Josef** [DE/DE]; Brandenburger Strasse 28, D-47809 Krefeld (DE). **FENGLER, Gerd** [DE/DE]; Deutschordensweg 12, D-47802 Krefeld (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52896** (13) A1

(21) PCT/EP98/02644

(22) **5 May/mai 1998 (05.05.1998)**

(25) de (26) de

(31) 197 20 541.0 (32) **16 May/mai 1997 (16.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07C 37/20, 37/74, 37/82, 39/16**

(54) ● METHOD FOR CONTINUOUS PRODUCTION OF DIHYDROXYDIPHENYLALKANES
● PROCEDE DE PRODUCTION EN CONTINU DE DIHYDROXYDIPHENYLALKANES

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

(72, 75) **FENNHOF, Gerhard** [DE/DE]; Am Schronhof 9a, D-47877 Willich (DE). **BUYSCH, Hans-Josef** [DE/DE]; Brandenburger Strasse 28, D-47809 Krefeld (DE). **FENGLER, Gerd** [DE/DE]; Deutschordensweg 12, D-47802 Krefeld (DE). **VAN OSSELAER, Tony** [BE/DE]; Buschstrasse 171, D-47806 Krefeld (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52897** (13) A1
 (21) PCT/EP98/02642
 (22) **5 May/mai 1998 (05.05.1998)**
 (25) de (26) de
 (31) 197 20 540.2 (32) **16 May/mai 1997 (16.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07C 37/52**

- (54) ● METHOD FOR PROCESSING MOTHER LIQUORS FROM THE PRODUCTION OF BISPHENOL
 ● PROCEDE DE TRAITEMENT DE LESSIVES-MERES EVACUEES LORS DE LA PRODUCTION DE BISPHENOLS

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).
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(72, 75) **FENNHOF, Gerhard** [DE/DE]; Am Schronhof 9a, D-47877 Willich (DE). **BUYSCH, Hans-Josef** [DE/DE]; Brandenburger Strasse 28, D-47809 Krefeld (DE). **FENGLER, Gerd** [DE/DE]; Deutschordensweg 12, D-47802 Krefeld (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52898** (13) A1

(21) PCT/US98/10218

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 08/858,343 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07C 43/164, A61K 31/08, C07C 43/174, 217/10, C07D 211/90, 295/02, 295/08, 473/04, A61K 31/495, 31/645, 31/44, 31/52**

- (54) ● PHARMACEUTICAL AGENTS FOR THE TREATMENT OF CEREBRAL AMYLOIDOSIS
 ● AGENTS PHARMACEUTIQUES DESTINES AU TRAITEMENT DE L'AMYLOIDOSE CEREBRALE

(63) US 08/858,343 (CON)
 19 May/mai 1998 (19.05.1998)

(71) **NYMOX CORPORATION** [CA/CA]; 175 Boulevard Bouchard, Dorval, Quebec H9S 1B1 (CA).
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(72, 75) **AVERBACK, Paul** [CA/CA]; 383 Lakeshore Road, Beaconsfield, Quebec H9W 4J1 (CA). **GHANBARI, Hossein** [US/US]; 15537 Ambiance Drive, Gaithersburg, MD 20878 (US). **BEHESHITI, Iraj** [US/US]; 1146 Regal Oak Drive, Rockville, MD 20852 (US). **MORSE, David** [CA/CA]; 6170 Chemille, Anjou, Quebec H1M 1T2 (CA).

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

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(11) **WO 98/52899** (13) A1

(21) PCT/JP98/02266

(22) **22 May/mai 1998 (22.05.1998)**

(25) ja (26) ja

(31) 9/150098 (32) **22 May/mai 1997 (22.05.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07C 49/82, 49/84, 39/10, 49/703, A61K 31/12**

- (54) ● POLYHYDROXYBENZENE DERIVATIVES AND PREVENTIVE/REMEDY FOR BONE AND CARTILAGE DISEASES

- DERIVES DE POLYHYDROXYBENZENE ET AGENTS PROPHYLACTIQUES ET THERAPEUTIQUES CONTRE LES MALADIES DES OS ET DES CARTILAGES

(71) **HOECHST MARION ROUSSEL LTD.** [JP/JP]; 17-51, Akasaka 2-chome, Minato-ku, Tokyo 107-8465 (JP).
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(72, 75) **SAKAI, Kunikazu** [JP/JP]; Discovery Research Laboratories, Hoechst Marion Roussel Ltd., 3-2, Minamidai 1-chome, Kawagoe-shi, Saitama 350-1165 (JP). **SATO, Yusuke** [JP/JP]; Discovery Research Laboratories, Hoechst Marion Roussel Ltd., 3-2, Minamidai 1-chome, Kawagoe-shi, Saitama 350-1165 (JP). **DOI, Kazuyuki** [JP/JP]; Information Technology Dept., Hoechst Marion Roussel Ltd., 3-2, Minamidai 1-chome, Kawagoe-shi, Saitama 350-1165 (JP). **KITAMURA, Kazuyuki** [JP/JP]; Discovery Research Laboratories, Hoechst Marion Roussel Ltd., 3-2, Minamidai 1-chome, Kawagoe-shi, Saitama 350-1165 (JP).

(74) **SAEKI, Norio**; Taka-ai Building, 9th Floor, 15-2, Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0027 (JP).

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

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(11) **WO 98/52900** (13) A1

(21) PCT/US98/05213

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 08/858,362 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07C 51/265, 51/47, 51/48, 51/487, 63/38, 63/24, 63/26**

- (54) ● PROCESS FOR PREPARING PURIFIED AROMATIC POLYCARBOXYLIC ACIDS

- PROCEDE DE PREPARATION D'ACIDES POLYCARBOXYLIQUES AROMATIQUES PURIFIES

(71) **AMOCO CORPORATION** [US/US]; Law Dept., Mail Code 1907A, 200 E. Randolph Drive, P.O. Box 87703, Chicago, IL 60680-0703 (US).

(72) **ZEITLIN, Martin, A.**; 1014 Langley Circle, Naperville, IL 60563 (US). **SIKKENGA, David, L.**; 26 W. 512 Embden, Wheaton, IL 60187 (US). **HOOVER, Stephen, V.**; 248 Lawndale Avenue, Aurora, IL 60506 (US). **BEHRENS, Paul, K.**; 2 S. 310 Riverside Avenue, Warrenville, IL 60555 (US).

(74) **McDONALD, Scott, P.**; Amoco Corporation, Law Dept., Mail Code 1907A, P.O. Box 87703, Chicago, IL 60680-0703 (US).

(81) AU AZ BA BG BR BY CA CN CZ HU ID IL JP KR MX NZ PL RO RU SG SI SK TR UA VN YU; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/52901** (13) A2

(21) PCT/EP98/02899

(22) **16 May/mai 1998 (16.05.1998)**

(25) de (26) de

(31) 197 21 347.2 (32) **22 May/mai 1997 (22.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07C 67/00**

- (54) ● METHOD FOR PRODUCING ESTER PLASTICIZERS

- PROCEDE DE PREPARATION DE PLASTIFIANTS ESTERIQUES

(71) **CELANESE GMBH** [DE/DE]; Lurgiallee 14, D-60439 Frankfurt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GICK, Wilhelm** [DE/DE]; Im Buschhuck 8, D-47199 Duisburg (DE).

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

(11) **WO 98/52902** (13) A1

(21) PCT/JP98/02085

(22) **12 May/mai 1998 (12.05.1998)**

(25) ja (26) ja

(31) 9/133657 (32) **23 May/mai 1997 (23.05.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07C 67/08, 69/54, 69/732, 201/12, 205/05, 231/02, 233/25, B01J 27/10, 31/22, C08F 20/10, 16/14**

- (54) ● POLYMERIZABLE ADAMANTANE DERIVATIVES AND PROCESS FOR PRODUCING THE SAME

- DERIVES POLYMERISABLES DE L'ADAMANTANE ET LEUR PROCEDE DE PRODUCTION

(71) **DAICEL CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 1, Teppo-cho, Sakai-shi, Osaka 590-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **ISHII, Yasutaka** [JP/JP]; 19-21, Besshohonmachi, Takatsuki-shi, Osaka 569-1112 (JP).

(72, 75) **NAKANO, Tatsuya** [JP/JP]; 6-20, Shinzaike-nakanomachi, Himeji-shi, Hyogo 670-0094 (JP). **HIRAI, Naruhisa** [JP/JP]; 940, Shinzaike, Aboshi-ku, Himeji-shi, Hyogo 671-1234 (JP).

(74) **KUWATA, Mitsuo**; Fuyo Building, 10th floor, 3-19, Nishitemma 6-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).

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

(11) **WO 98/52903** (13) A1

(21) PCT/US97/09192

(22) **27 May/mai 1997 (27.05.1997)**

(25) en (26) en

(31) 08/859,142 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07C 67/08, 67/03, 69/54, 69/14, 69/24**

(54) ● PROCESSES FOR CONDUCTING EQUILIBRIUM-LIMITED REACTIONS

● PROCEDES POUR REALISER DES REACTIONS LIMITEES A L'ETAT D'EQUILIBRE

(71) **UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION** [US/US]; 39 Old Ridgebury Road, Danbury, CT 06818-0001 (US).

(72) **HO, Fungau**; 1412 Bedford Road, Charleston, WV 25314 (US). **HAYDON, William, Marshall**; 1028 Greenland Circle, South Charleston, WV 25309 (US). **MOKHTARZADEH, Morteza**; 2004 Parkwood Road, Charleston, WV 25314 (US). **PAPA, Anthony, Joseph**; 2733 Lakeview Drive, St. Albans, WV 25177 (US). **PATERSON, Leah, Ann**; 511 Maxwell Street, Charleston, WV 25311 (US). **WEGMAN, Richard, William**; 912 Glendale Avenue, South Charleston, WV 25303 (US).

(74) **JOHNSON-WIGGINS, Karen**; Union Carbide Chemicals & Plastics Technology Corporation, 39 Old Ridgebury Road, Danbury, CT 06817-0001 (US).

(81) 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).

(11) **WO 98/52904** (13) A1

(21) PCT/US97/08814

(22) **27 May/mai 1997 (27.05.1997)**

(25) en (26) en

(31) 08/859,143 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07C 67/54, 69/54**

(54) ● PROCESSES FOR REFINING BUTYLACRYLATE

● PROCEDES DE RAFFINAGE D'ACRYLATE DE BUTYLE

(71) **UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION** [US/US]; 39 Old Ridgebury Road, Danbury, CT 06817-0001 (US).

(72) **HO, Fungau**; 1412 Bedford Road, Charleston, WV 25314 (US). **JULKA, Vivek**; 592 Roxalana Hills Drive, Dunbar, WV 25064 (US).

(74) **WIGGINS, Karen, Johnson**; Union Carbide Chemicals & Plastics Technology Corporation, 39 Old Ridgebury Road, Danbury, CT 06817-0001 (US).

(81) 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).

(11) **WO 98/52905** (13) A1

(21) PCT/IB98/00789

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 97108259.9 (32) **22 May/mai 1997 (22.05.1997)** (33) EP

(34) GB et al. / etc.

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07C 69/92, C09K 19/30, 19/38, C07C 69/94, 69/54, C08F 220/20, C07C 39/15**

(54) ● NEW POLYMERISABLE LIQUID CRYSTAL-LINE COMPOUNDS

● NOUVEAUX COMPOSES CRISTALLINS LIQUIDES POLYMERISABLES

(71) **ROLIC AG** [CH/CH]; Innere Güterstrasse 2, CH-6301 Zug (CH).

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(72, 75) **BENECKE, Carsten** [DE/DE]; Vierthauen 9, D-79576 Weil am Rhein (DE). **LUKAC, Teodor** [CH/CH]; Oberwilerstrasse 66, CH-4054 Basel (CH). **OHLEMACHER, Angela** [DE/DE]; Seebo-denstrasse 11, D-79664 Wehr (DE).

(74) **ENGLAND, Christopher, David**; BTG Ltd., 10 Fleet Place, London EC4M 7SB (GB).

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

(11) **WO 98/52906** (13) A1

(21) PCT/EP98/02353

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) en (26) en

(31) 97108369.6 (32) **23 May/mai 1997 (23.05.1997)** (33) EP

(34) FR et al. / etc.

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07C 205/45, 255/56, A61K 31/12, 31/16, C07C 233/33, 233/76, 225/22, 235/56, 233/61, 235/24, 237/22, 311/21, C07D 209/48, 333/70, C07C 311/60, C07D 333/20, 211/76, C07C 323/22, 317/24, 235/38**

(54) ● NEW NITROMETHYL KETONES, PROCESS FOR PREPARING THEM AND COMPOSITIONS CONTAINING THEM

● NOUVELLES CETONES DE NITROMETHYLE, PROCEDE DE PREPARATION ET COMPOSITIONS LES CONTENANT

(71) **MERCK PATENT GMBH** [DE/DE]; D-64271 Darmstadt (DE).

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(72, 75) **LARDY, Claude** [FR/FR]; 84, boulevard Ambroise Paré, F-69008 Lyon (FR). **BARBANTON, Jacques** [FR/FR]; 12, domaine de la Côte, F-69530 Brignais (FR). **DUMAS, Hervé** [FR/FR]; 27, chemin de l'Etang, F-38090 Vaulx Milieu (FR). **COLLONGES, François** [FR/FR]; 135, impasse du Grand Champ, F-01700 Beignost (FR). **DURBIN, Philipp** [FR/FR]; 83, rue Paul Verlaine, F-69100 Villeurbanne (FR).

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

(11) **WO 98/52907** (13) A1

(21) PCT/US97/09130

(22) **19 May/mai 1997 (19.05.1997)**

(25) en (26) en

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07C 213/06, C11D 1/62**

(54) ● QUATERNARY FATTY ACID TRIETHANOLAMINE ESTER SALTS AND THEIR USE AS FABRIC SOFTENERS

● SELS ESTERS DE TRIETHANOLAMINE D'ACIDES GRAS QUATERNAIRES ET LEUR UTILISATION COMME ADOUCISSANTS POUR TISSUS

(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) **DEMEYERE, Hugo, Jean, Marie** [BE/BE]; Linthoutstraat 59, B-1785 Merchtem (BE). **KEYS, Robert, Otis** [US/US]; 1600 Preston Woods Court, Columbus, OH 43235 (US). **KOHLER, Hans-Jürgen** [DE/DE]; Tannenweg 5, D-36381 Schluchtern (DE). **DE POORTERE, Johan** [BE/BE]; Campagnestraat 14, B-9820 Merelbeke (BE). **WAHL, Errol, Hoffman** [US/US]; 8021 Deershadown Lane, Cincinnati, OH 45242 (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 IL IS JP KE KG KP KR KZ 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).

(11) **WO 98/52908** (13) A1

(21) PCT/GB98/01488

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 9710725.4 (32) **23 May/mai 1997 (23.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07C 231/12, 237/46, 227/14, 229/62**

(54) ● PREPARATION OF TRI-IODO BENZENE COMPOUNDS

● PREPARATION DE COMPOSES DE TRI-IODO BENZENE

(63) US 60/049,175 (CIP)
10 Jun/juin 1997 (10.06.1997)

(71) **NYCOMED IMAGING AS** [NO/NO]; Nycoveien 1-2, N-0401 Oslo (NO).

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

(71) **SKAILES, Humphrey, John** [GB/GB]; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).
(only for / seulement pour GB)

(72, 75) **MALTHE-SØRENSEN, Dick** [NO/NO]; Lindesnes Plant, N-4510 Spangereid (NO). **HOMESTAD, Ole, Magne** [NO/NO]; Lindesnes Plant, N-4510 Spangereid (NO). **STERUD, Britt** [NO/NO]; Lindesnes Plant, N-4510 Spangereid (NO).

(74) **SKAILES, Humphrey, John** et al. / etc.; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

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

(11) **WO 98/52909** (13) A1

(21) PCT/GB98/01491

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 9710728.8 (32) **23 May/mai 1997 (23.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07C 231/12, 231/22, 237/46**

(54) ● PREPARATION OF TRI-IODO BENZENE COMPOUNDS
● PREPARATION DE COMPOSES BENZENIQUES TRI-IODES

(63) US 60/049,177 (CIP)
10 Jun/juin 1997 (10.06.1997)

(71) **NYCOMED IMAGING AS** [NO/NO]; Nycoveien 1-2, N-0401 Oslo (NO).
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(71) **SKAILES, Humphrey, John** [GB/GB]; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).
(only for / seulement pour GB)

(72, 75) **THIELKING, William** [US/US]; Nycomed Inc., 33 Riverside Avenue, Rensselaer, NY 12144 (US). **INGVOLDSTAD, Einar, Odd** [NO/NO]; Nycomed Imaging, Lindesnes Plant, N-4510 Spangereid (NO). **GULBRANDSEN, Trygve** [NO/NO]; Løkenlia 4, N-1352 Kolsas (NO).

(74) **SKAILES, Humphrey, John** et al. / etc.; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

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

(11) **WO 98/52910** (13) A1

(21) PCT/GB98/01445

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 9710490.5 (32) **21 May/mai 1997 (21.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07C 233/22, 233/19, 259/06, A61K 31/16, C07D 233/54, 333/24**

(54) ● METALLOPROTEINASE INHIBITORS
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(74) **WALLS, Alan, J.**; British Biotech Pharmaceuticals Limited, Watlington Road, Cowley, Oxford OX4 5LY (GB).

(81) AU BR CA CN CZ HU IL JP KR MX NO NZ PL RU SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/52911** (13) A1

(21) PCT/GB98/01492

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 9710726.2 (32) **23 May/mai 1997 (23.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07C 237/46, A61K 49/04**

(54) ● YELLOW POLYMORPH OF 5-AMINO-2,4,6-TRIIODO-N,N'-BIS(2,3-DIHYDROXYPROPYL)-ISOPHTHALAMIDE
● POLYMORPHE JAUNE DE 5-AMINO-2,4,6-TRIIODO-N,N'-BIS(2,3-DIHYDROXYPROPYL)-ISOPHTHALAMIDE

(63) US 60/049,176 (CIP)
10 Jun/juin 1997 (10.06.1997)

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(72, 75) **MALTHE-SØRENSEN, Dick** [NO/NO]; Lindesnes Plant, N-4510 Spangereid (NO). **AUKRUST, Audun** [NO/NO]; Nycoveien 2, N-0401 Oslo (NO).

(74) **SKAILES, Humphrey, John**; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

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

(11) **WO 98/52912** (13) A2

(21) PCT/EP98/03136

(22) **22 May/mai 1998 (22.05.1998)**

(25) de (26) de

(31) 197 22 853.4 (32) **23 May/mai 1997 (23.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07C 405/00 // A61K 31/557**

(54) ● LEUKOTRIENE B₁ ANTAGONISTS, IN PARTICULAR 3-CARBA-TETRAHYDRONAPHTHALENE-LTB₄ ANTAGONISTS

● ANTAGONISTES DE LEUCOTRIENE B₁, EN PARTICULIER ANTAGONISTES DE 3-CARBA-TETRAHYDRONAPHTHALENE-LTB₄

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(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH GM GW 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; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/52913** (13) A2

(21) PCT/EP98/03137

(22) **22 May/mai 1998 (22.05.1998)**

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(31) 197 22 849.6 (32) **23 May/mai 1997 (23.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07C 405/00 // A61K 31/557**

(54) ● LEUKOTRIENE B₁ ANTAGONISTS, IN PARTICULAR 3-OXA-TETRAHYDRONAPHTHALENE-LTB₄ ANTAGONISTS

● ANTAGONISTES DE LEUCOTRIENE B₁, EN PARTICULIER ANTAGONISTES DE 3-OXA-TETRAHYDRONAPHTHALENE-LTB₄

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(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH GM GW 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; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/52914** (13) A1
 (21) PCT/EP98/03138
 (22) **22 May/mai 1998 (22.05.1998)**
 (25) de (26) de
 (31) 197 22 846.1 (32) **23 May/mai 1997 (23.05.1997)** (33) DE
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **C07C 405/00**
 (54) ● LEUKOTRIENE B₂ DERIVATIVES, IN PARTICULAR 7-METHYLCYCLOHEXYL-LTB₄ ANTAGONISTS
 ● DERIVES DE LEUCOTRIENE B₂, EN PARTICULIER ANTAGONISTES DE 7-METHYLCYCLOHEXYL-LTB₄
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 (81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH GM GW 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; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/52915** (13) A2
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 (31) 197 22 848.8 (32) **23 May/mai 1997 (23.05.1997)** (33) DE
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **C07C 405/00 // A61K 31/557**
 (54) ● LEUKOTRIENE B₂ DERIVATIVES, IN PARTICULAR OXIMO-LTB₄ ANTAGONISTS
 ● DERIVES DE LEUCOTRIENE B₂, EN PARTICULIER ANTAGONISTES D'OXIMO-LTB₄
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 (81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH GM GW 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; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/52916** (13) A1
 (21) PCT/EP98/03140
 (22) **22 May/mai 1998 (22.05.1998)**
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 (31) 197 22 845.3 (32) **23 May/mai 1997 (23.05.1997)** (33) DE
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **C07C 405/00**
 (54) ● NOVEL LEUKOTRIENE-B DERIVATIVES, METHOD FOR THE PRODUCTION AND USE THEREOF
 ● NOUVEAUX DERIVES DE LEUKOTRIENE B₂, LEUR PROCÉDE DE PRODUCTION ET LEUR UTILISATION
 (71) **SCHERING AKTIENGESELLSCHAFT** [DE/DE]; Müllerstrasse 178, D-13353 Berlin (DE).
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 (72, 75) **BUCHMANN, Bernd** [DE/DE]; Erdmannstrasse 44, D-16540 Hohen Neuendorf (DE). **FRÖHLICH, Wolfgang** [DE/DE]; Westfälische Strasse 62, D-10709 Berlin (DE). **GIESEN, Claudia** [DE/DE]; Hakenfelder Strasse 8c, D-13587 Berlin (DE). **HENNEKES, Hartwig** [DE/DE]; Schlossstrasse 24, D-13507 Berlin (DE). **JAROCH, Stefan** [DE/DE]; Schlüterstrasse 65, D-10625 Berlin (DE). **SKUBALLA, Werner** [DE/DE]; Mattersburger Weg 12, D-13465 Berlin (DE).
 (81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH GM GW 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; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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 (31) 08/861,942 (32) **22 May/mai 1997 (22.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **C07D**
 (54) ● GUANIDINYLATION REAGENTS
 ● REACTIFS DE GUANIDINYLATION
 (63) US Not furnished / non communiqué (CIP)
 Not furnished / non communiqué
 (71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 22nd floor, 300 Lakeside Drive, Oakland, CA 94612-3550 (US).
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 (72, 75) **GOODMAN, Murray** [US/US]; 9760 Blackgold Road, La Jolla, CA 92037 (US). **FEICHTINGER, Konrad** [DE/US]; 4312 Caminito del Zafiro, San Diego, CA 92121 (US). **ROMOFF, Todd, T.** [US/US]; 353 Kiely Boulevard #E 212, San Jose, CA 95129 (US).
 (74) **KIRKPATRICK, Anita, M.** et al. / etc.; Cushman Darby & Cushman, Intellectual Property Group of Pillsbury Madison & Suto, 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 IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52918** (13) A1
 (21) PCT/JP98/02225
 (22) **21 May/mai 1998 (21.05.1998)**
 (25) ja (26) ja
 (31) 9/133171 (32) **23 May/mai 1997 (23.05.1997)** (33) JP
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **C07D 207/26, 207/27, 413/06, 417/06**
 (54) ● INTERMEDIATES USEFUL IN PRODUCING CARBAPENEM AND PROCESS FOR THE STEREOSSELECTIVE PRODUCTION OF THE SAME
 ● INTERMÉDIAIRES EMPLOYÉS A LA PRODUCTION DE CARBAPENEM ET PROCÉDE DE PRODUCTION STÉROSELECTIVE
 (71) **EISAI CO., LTD.** [JP/JP]; 6-10, Koishikawa 4-chome, Bunkyo-ku, Tokyo 112-8088 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **SUZUKI, Takaaki** [JP/JP]; Lafinemaruta Hongo 402, 6-16-11, Hongo, Bunkyo-ku, Tokyo 113-0033 (JP). **SUGIYAMA, Isao** [JP/JP]; 5-9-22, Matsushiro, Tsukuba-shi, Ibaraki 305-0035 (JP). **SASHO, Manabu** [JP/JP]; Shiho 404, 3-4-7, Amakubo, Tsukuba-shi, Ibaraki 305-0005 (JP). **SATO, Nobuaki** [JP/JP]; 1032-19, Otto, Tsuchiura-shi, Ibaraki 300-0844 (JP). **KAMADA, Atsushi** [JP/JP]; 2-7-30, Kamiya, Ushiku-shi, Ibaraki 300-1216 (JP). **ASHIZAWA, Kazuhide** [JP/JP]; 410-147, Shimohirooka, Tsukuba-shi, Ibaraki 305-0042 (JP).
 (74) **FURUYA, Kaoru** et al. / etc.; Nihonbashi TM Building, 1-8-11, Nihonbashi-Horidomecho, Chuo-ku, Tokyo 103-0012 (JP).
 (81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (11) **WO 98/52919** (13) A1
 (21) PCT/JP98/02217
 (22) **20 May/mai 1998 (20.05.1998)**
 (25) ja (26) ja
 (31) 9/147174 (32) **21 May/mai 1997 (21.05.1997)** (33) JP
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **C07D 209/48, 401/04, 401/06, 401/12, 403/12, 405/12, A61K 31/40, 31/44, 31/445, 31/535**
 (54) ● PHTHALIMIDE DERIVATIVES AND PHARMACEUTICAL CONTAINING SAID DERIVATIVES
 ● DERIVES DE PHTHALIMIDE ET PRODUIT PHARMACEUTIQUE CONTENANT CES DERIVES
 (71) **JAPAN TOBACCO INC.** [JP/JP]; 2-1, Toranomon 2-chome, Minato-ku, Tokyo 105-8422 (JP).
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 (72, 75) **KAWASAKI, Hisashi** [JP/JP]; Central Pharmaceutical Research Institute of Japan Tobacco Inc., 1-1, Murasaki-cho, Takatsuki-shi, Osaka 569-1125 (JP). **SHINAGAWA, Yuko** [JP/JP]; Central Pharmaceutical Research Institute of Japan

Tobacco Inc., 1-1, Murasaki-cho, Takatsuki-shi, Osaka 569-1125 (JP). **MIMURA, Takayuki** [JP/JP]; Central Pharmaceutical Research Institute of Japan Tobacco Inc., 1-1, Murasaki-cho, Takatsuki-shi, Osaka 569-1125 (JP).

(74) **SHIMIZU, Hatsushi** et al. / etc.; Kantetsu Tsukuba Building 6F, 1-1-1, Oroshi-machi, Tsuchiura-shi, Ibaraki 300-0847 (JP).

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

(11) **WO 98/52920** (13) A1

(21) PCT/EP98/02826

(22) **13 May/mai 1998 (13.05.1998)**

(25) en (26) en

(31) 9710004.4 (32) **17 May/mai 1997 (17.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07D 211/22, 405/12, A61K 31/445**

(54) ● CHEMICAL PROCESS FOR THE REDUCTION OF 1-SUBSTITUTED -3-HYDROXYMETHYL-4-(4-FLUOROPHENYL)TETRAHYDROPYRIDINES
● PROCEDE CHIMIQUE POUR LA REDUCTION DE SUBSTITUES EN 3-HYDROXYMETHYL-4-(4-FLUOROPHENYL)TETRAHYDROPYRIDINES

(71) **KNOLL AKTIENGESELLSCHAFT** [DE/DE]; Knollstrasse, D-67061 Ludwigshafen (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRENNAN, James, Patrick** [GB/GB]; R4 Building, Pennyfoot Street, Nottingham NG1 1GF (GB).

(74) **MILLER, Thomas, Kerr** et al. / etc.; 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 CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(31) 08/861,988 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07D 211/32**

(54) ● PROCESSES AND INTERMEDIATES FOR RESOLVING PIPERIDYL ACETAMIDE STEREOISOMERS
● PROCEDES ET INTERMEDIAIRES PERMETTANT DE DISSOUDRE DES STEREOISOMERES DE PIPERIDYL ACETAMIDE

(71) **CELGENE CORPORATION** [US/US]; 7 Powder Horn Drive, Warren, NJ 07059 (US).

(72) **KHETANI, Vikram**; Apartment #1702, 30 Newport Parkway, Jersey City, NJ 07310 (US). **LUO, Yalin**; Apartment #2, 44 Gaels Drive, New Providence, NJ 07974 (US). **RAMASWAMY, Sowmianarayanan**; 241 Woodside Lane, Bridgewater, NJ 08807 (US).

(74) **CALDWELL, John, W.** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52922** (13) A1

(21) PCT/JP98/02264

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 9/132631 (32) **22 May/mai 1997 (22.05.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07D 213/127**

(54) ● METHOD OF PRODUCTION AND METHOD OF SEPARATION OF 2,4'-DIPYRIDYL DERIVATIVES AND METHODS OF PRODUCTION OF BENZOXAZEPINE DERIVATIVES AND SALTS THEREOF

● PROCEDE DE PREPARATION ET PROCEDE DE SEPARATION DE DERIVES DE 2,4'-DIPYRIDYLE ET PROCEDES DE PREPARATION DE DERIVES DE BENZOXAZEPINE ET LEURS SELS

(71) **SUNTORY LIMITED** [JP/JP]; 1-40, Dojimahama 2-chome, Kita-ku, Osaka-shi, Osaka 530-8203 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TATSUOKA, Toshio** [JP/JP]; 2-18-27, Kamikotoen, Nishinomiya-shi, Hyogo 662-0813 (JP). **KAMEI, Katsuhide** [JP/JP]; 5-7-13-202, Tondacho, Takatsuki-shi, Osaka 569-0814 (JP).

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

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

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(31) 9710612.4 (32) **23 May/mai 1997 (23.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07D 219/06, A61K 31/435**

(54) ● SYNTHESIS OF ACRIDINE DERIVATIVE MULTIDRUG-RESISTANT INHIBITORS

● SYNTHÈSE D'INHIBITEURS RESISTANT A DE MULTIPLES MEDICAMENTS, DERIVES DE L'ACRIDINE

(71) **GLAXO GROUP LIMITED** [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHARP, Matthew, Jude** [GB/US]; Glaxo Wellcome Inc., Five Moore Drive, Research Triangle Park, NC 27709 (US). **MADER, Catherine, J.** [US/US]; Trimeris Inc., 4727 University Drive, Durham, NC 27707 (US). **STRACHAN, Calum** [GB/GB]; Glaxo Wellcome plc, Cobden Street, Montrose DD10 8EA (GB).

(74) **STOTT, Michael, J.**; Glaxo Wellcome plc, Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).

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

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(31) 197 20 803.7 (32) **16 May/mai 1997 (16.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07D 221/14, 209/48**

(54) ● METHOD FOR PRODUCING AROMATIC BISIMIDES
● PROCEDE DE PRODUCTION DE BISIMIDES AROMATIQUES

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

(72, 75) **VIERGUTZ, Wolfgang** [DE/DE]; Kornackersstrasse 11, D-67067 Ludwigshafen (DE). **KOSER, Stefan** [DE/DE]; Brahmstrasse 9, D-67061 Ludwigshafen (DE).

(74) **BASF AKTIENGESELLSCHAFT**; D-67056 Ludwigshafen (DE).

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

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(11) **WO 98/52925** (13) A1

(21) PCT/US98/10535

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 60/048,505 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07D 223/32, 487/04**

(54) ● ANALOGS OF DUOCARMYCIN AND CC-1065
● ANALOGUES DE DUOCARMYCINE ET DE CC-1065

(63) US 60/048,505 (CIP)
22 May/mai 1997 (22.05.1997)

- (71) **THE SCRIPPS RESEARCH INSTITUTE** [US/US]; 10550 North Torrey Pines Road, La Jolla, CA 92037 (US).
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- (72, 75) **BOGER, Dale, L.** [US/US]; 2819 Via Posada, La Jolla, CA 92037 (US).
- (74) **NORTHROP, Thomas, E.** et al. / etc.; The Scripps Research Institute, 10550 North Torrey Pines Road, TPC-8, 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52926** (13) A2
- (21) PCT/US98/10154
- (22) **18 May/mai 1998 (18.05.1998)**
- (25) en (26) en
- (31) 60/047,469 (32) **23 May/mai 1997 (23.05.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **C07D 231/00**
- (54) ● 1-ALKYL-4-BENZOYL-5-HYDROXYPIRAZOLE COMPOUNDS AND THEIR USE AS HERBICIDES
● COMPOSES DE 1-ALKYL-4-BENZOYL-5-HYDROXYPIRAZOLE ET LEUR UTILISATION COMME HERBICIDES
- (71) **DOW AGROSCIENCES LLC** [US/US]; 9330 Zionsville Road, Indianapolis, IN 46268 (US).
- (72) **SIDDALL, Thomas, Lyman**; 1925 S. 900 E., Zionsville, IN 46077 (US). **BENKÓ, Zoltán, Laszlo**; 8402 North Park Avenue, Indianapolis, IN 46240 (US). **GARVIN, Gail, Marie**; 6229 Crittenden Avenue, Indianapolis, IN 46220 (US). **JACKSON, Johnny, Lee**; 5225 Marrison Place, Indianapolis, IN 46226 (US). **MCQUISTON, Jeffrey, Michael**; 6032 Birchwood Avenue, Indianapolis, IN 46220 (US). **OUSE, David, George**; 8315 Mockingbird Lane, Indianapolis, IN 46256 (US). **THIBAULT, Thomas, Delor**; 1520 N. Franklin Road, Indianapolis, IN 46219 (US). **TURNER, James, Arzie**; 7915 Traders Hollow Lane, Indianapolis, IN 46278 (US). **VAN HEERTUM, John, Cord**; 7533 Chablis Circle, Indianapolis, IN 46278 (US).

- (74) **OSBORNE, David, Wendell**; Dow AgroSciences LLC, 9330 Zionsville Road, Indianapolis, IN 46268 (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 KR KZ LC 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 GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52927** (13) A1
- (21) PCT/US98/10286
- (22) **19 May/mai 1998 (19.05.1998)**
- (25) en (26) en
- (31) 60/047,032 (32) **19 May/mai 1997 (19.05.1997)** (33) US

- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **C07D 241/36, A61K 6/00**
- (54) ● COMPOSITION FOR TREATING SKIN CONDITIONS
● PREPARATIONS POUR LE TRAITEMENT DES TROUBLES CUTANES
- (71, 72) **SCIVOLETTO, Rosemarie** [US/US]; 10249 El Paraiso Place, Delray Beach, FL 33446 (US).
- (74) **OLTMAN, John, H.** et al. / etc.; Suite 415, 915 Middle River Drive, Fort Lauderdale, FL 33304-3585 (US).
- (81) AL AU BA BB BG BR CA CN CU CZ EE ES 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 GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52928** (13) A1
- (21) PCT/NL98/00278
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- (25) en (26) en
- (31) 1006095 (32) **21 May/mai 1997 (21.05.1997)** (33) NL
- (31) 97201806.3 (32) **16 Jun/juin 1997 (16.06.1997)** (33) EP
- (34) NL et al. / etc.
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **C07D 251/60**
- (54) ● METHOD FOR PREPARING MELAMINE
● PROCEDE SERVANT A PREPARER DE LA MELAMINE
- (71) **DSM N.V.** [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).
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- (72, 75) **TJIOE, Tjay, Tjien** [NL/NL]; Hillenraedstraat 7, NL-6136 BR Sittard (NL).
- (74) **VAN BOKHOVEN, Petrus, Hubertus, Maria**; Octroobureau DSM, P.O. Box 9, NL-6160 MA Geleen (NL).
- (81) AU CA CN ID JP KR MX NO PL US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/52929** (13) A1
- (21) PCT/EP98/02277
- (22) **17 Apr/avr 1998 (17.04.1998)**
- (25) en (26) en
- (31) 9709972.5 (32) **19 May/mai 1997 (19.05.1997)** (33) GB
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **C07D 257/04, 295/155, A61K 31/495**
- (54) ● ANTI-INFLAMMATORY PIPERAZINYL-BENZYL-TETRAZOLE DERIVATIVES AND INTERMEDIATES THEREOF
● DERIVES ANTI-INFLAMMATOIRES PIPERAZINYL-BENZYL-TETRAZOLE ET LEURS INTERMEDIATAIRES
- (71) **PFIZER LIMITED** [GB/GB]; Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).
(only for / seulement pour GB)

- (71) **PFIZER INC.** [US/US]; 235 East 42nd Street, New York, NY 10017 (US).
(for all designated States except / pour tous les États désignés sauf GB US)
- (72, 75) **MAW, Graham, Nigel** [GB/GB]; Pfizer Central Research, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).
- (74) **WOOD, David, John** et al. / etc.; Pfizer Limited, Ramsgate Road, Sandwich, Kent CT13 9NJ (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 YU; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52930** (13) A1
- (21) PCT/JP98/02206
- (22) **20 May/mai 1998 (20.05.1998)**
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- (31) 9/144502 (32) **20 May/mai 1997 (20.05.1997)** (33) JP
- (31) 9/156157 (32) **30 May/mai 1997 (30.05.1997)** (33) JP
- (31) 10/112900 (32) **9 Apr/avr 1998 (09.04.1998)** (33) JP
- (31) 10/104763 (32) **15 Apr/avr 1998 (15.04.1998)** (33) JP
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **C07D 263/38, 413/12, C07C 62/08, 51/50, 69/757, 43/315, 41/18, C07B 55/00, 57/00**
- (54) ● NOVEL CYCLOBUTANE DERIVATIVES AND PROCESS FOR PRODUCING THE SAME
● NOUVEAUX DERIVES DE CYCLOBUTANE ET LEUR PROCEDE DE PRODUCTION
- (71) **NIPPON KAYAKU KABUSHIKI KAISHA** [JP/JP]; 11-2, Fujimi 1-chome, Chiyoda-ku, Tokyo 102-8172 (JP).
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- (72, 75) **NIITSUMA, Setsuko** [JP/JP]; Sangyoku-Kopo 101, 2-8-16, Ojihonchou, Kita-ku, Tokyo 114-0022 (JP). **TSUDA, Makoto** [JP/JP]; 40-3-908, Iwabuchi-chou, Kita-ku, Tokyo 115-0041 (JP). **SATO, Hiroshi** [JP/JP]; 263, Inumakata, Urawa-shi, Saitama 336-0921 (JP).

- (74) **SAEKI, Norio**; Taka-ai Building, 9th floor, 15-2, Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0027 (JP).
- (81) CA CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/52931** (13) A1
- (21) PCT/EP98/02422
- (22) **23 Apr/avr 1998 (23.04.1998)**
- (25) en (26) en
- (31) 08/862,457 (32) **23 May/mai 1997 (23.05.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **C07D 301/10, B01J 23/68**

(54) ● PROPYLENE OXIDE PROCESS USING ALKALINE EARTH METAL COMPOUND-SUPPORTED SILVER CATALYSTS CONTAINING TUNGSTEN AND POTASSIUM PROMOTERS

● PROCEDE D'OBTENTION D'OXYDE DE PROPYLENE AU MOYEN DE CATALYSEURS A L'ARGENT SUR SUPPORT DE COMPOSES DE METAUX TERREUX CONTENANT DES PROMOTEURS DE TUNGSTENE ET DE POTASSIUM

(71) **ARCO CHEMICAL TECHNOLOGY, L.P.** [US/US]; Two Greenville Crossing, Suite 238, 4001 Kennett Pike, Greenville, DE 19807 (US). (for all designated States except / pour tous les États désignés sauf MN)

(71) **ARCO CHEMIE TECHNOLOGIE NEDERLAND B.V.** [NL/NL]; Theemsweg 14, NL-3197 KM Botlek Rotterdam (NL). (only for / seulement pour MN)

(72) **KAHN, Andrew, P.**; 5709 Brandywine Drive, Eagleville, PA 19403 (US). **GAFFNEY, Anne, M.**; 805 Copeland School Road, West Chester, PA 19380 (US).

(74) **SMAGGASGALE, Gillian, Helen**; 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52932** (13) A1

(21) PCT/EP98/03018

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 97201532.5 (32) **22 May/mai 1997 (22.05.1997)** (33) EP

(34) AT et al. / etc.

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07D 303/16, C08G 59/12**

(54) ● GLYCIDYLESTER AND THERMOSETTING RESIN COMPOSITION COMPRISING THE GLYCIDYLESTER

● GLYCIDYLESTER ET COMPOSITION DE RESINE THERMODURCISSABLE COMPRENANT CE GLYCIDYLESTER

(71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carael van Bylandtlaan 30, NL-2596 HR The Hague (NL).

(72) **VAN DOORN, Johannes, Adrianus**; Badhuisweg 3, NL-1031 CM Amsterdam (NL). **SMITS, Jozef, Jacobus, Titus**; Badhuisweg 3, NL-1031 CM 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 08/862,489 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07D 307/77, 493/04, A61K 31/34 // (C07D 493/04, 307:00, 303:00) (C07D 493/04, 307:00, 307:00)**

(54) ● NOVEL TRIPTOLIDE DERIVATIVES USEFUL IN THE TREATMENT OF AUTOIMMUNE DISEASES

● DERIVES TRIPTOLIDES CONVENANT AU TRAITEMENT D'AFFECTIONS AUTOIMMUNES

(71) **HOECHST MARION ROUSSEL, INC.** [US/US]; 2110 East Galbraith Road, P.O. Box 156300, Cincinnati, OH 45215-6300 (US).

(72) **JUNG, Michael, J.**; 3316 Westridge Court, Lawrence, KS 66049 (US). **WICKRAMARATNE, Mahinda**; Nugasevana, Mathalana, Rukgahawila (LK). **HEPPERLE, Michael**; 245 Spruce Mill Lane, Scotch Plains, NJ 07076 (US).

(74) **GUPTA, Balaram**; Hoechst Marion Roussel, Inc., 2110 East Galbraith Road, P.O. Box 156300, 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 08/858,741 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07D 311/22**

(54) ● METHOD FOR THE SYNTHESIS OF 8-C-β-D-[2'-O-(E)-CINNAMOYL] GLYCOPYRANOSYL-2-[2-HYDROXY] PROPYL-7-METHOXY-5-METHYLCHROMONE

● METHODE DE SYNTHESE DE 8-C-β-D-[2'-O-(E)-CINAMOYL] GLYCOPYRANOSYL-2-[2-HYDROXY] PROPYL-7-METHOXY-5-METHYLCHROMONE

(71) **UNIVERA PHARMACEUTICALS, INC.** [US/US]; Suite 160, 100 Technology Drive, Broomfield, CO 80021 (US).

(72) **PADMAPRIYA, Abeyinghe, A.**; 5896 Orchard Creek Lane, Boulder, CO 80301 (US). **MAHIU, Belaid**; 13493 Quivas Street, Westminster, CO 80234 (US).

(74) **SWANSON, Barry, J.** et al. / etc.; Swanson & Bratschun LLC, Suite 200, 8400 Prentice Avenue, Englewood, CO 80111 (US).

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

(11) **WO 98/52935** (13) A1

(21) PCT/FR98/00954

(22) **14 May/mai 1998 (14.05.1998)**

(25) fr (26) fr

(31) 97/06019

(32) **16 May/mai 1997 (16.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07D 311/58, 493/04, 311/60, 311/80, 319/20, 335/06, 339/08, A61K 31/35, 31/335, 31/38, 31/385 // (C07D 493/04, 319:00, 311:00) (C07D 493/04, 319:00, 307:00)**

(54) ● SUBSTITUTED HETEROCYCLIC COMPOUNDS, METHOD FOR PREPARING AND COMPOSITIONS CONTAINING SAME

● COMPOSES HETEROCYCLIQUES, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT

(71) **ADIR ET COMPAGNIE** [FR/FR]; 1, rue Carle Hébert, F-92415 Courbevoie Cedex (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GUILAUMET, Gérald** [FR/FR]; 2, impasse Nicolas Poussin, F-45650 Saint Jean le Blanc (FR). **VIAUD, Marie-Claude** [FR/FR]; 51, rue de Bourgogne, F-45000 Orléans (FR). **MAMAI, Ahmed** [MA/FR]; Appartement 32, 9, place Dubois, F-45000 Orléans (FR). **CHARTON, Isabelle** [FR/FR]; 54, rue de Bellevue, F-91330 Yerres (FR). **RENARD, Pierre** [FR/FR]; 50, avenue de Villeneuve l'Étang, F-78000 Versailles (FR). **BENNEJEAN, Caroline** [FR/FR]; 39, rue de la République, F-94220 Charenton le Pont (FR). **GUARDIOLA, Béatrice** [FR/FR]; 7, avenue du Val Lecamus, F-92210 Saint Cloud (FR). **DAUBOS, Philippe** [FR/FR]; 131, rue Eugène Farnault, F-45430 Mardie (FR).

(74) **ADIR ET COMPAGNIE**; 1, rue Carle Hébert, F-92415 Courbevoie Cedex (FR).

(81) AU BR CA CN HU JP NO NZ PL US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/52936** (13) A1

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(31) 97/06265

(32) **22 May/mai 1997 (22.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07D 333/54, A61K 31/18, C07D 409/04, 495/04, 333/76 // (C07D 495/04, 335:00, 333:00)**

(54) ● COMPOUND FOR PREPARING MEDICINES FOR TREATING PATHOLOGIES INVOLVING EXTRACELLULAR GLUTAMATE, AND METHODS FOR OBTAINING SAME

● COMPOSES POUR LA PREPARATION DE MEDICAMENTS DESTINES AU TRAITEMENT DE PATHOLOGIES IMPLIQUANT LE GLUTAMATE EXTRACELLULAIRE, ET LEURS PROCEDES D'OBTENTION

(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)

(72, 75) **KAMENKA, Jean-Marc** [FR/FR]; 19, avenue du Château d'Ô, F-34090 Montpellier (FR). **CAUBERE, Isoline** [FR/FR]; 1, rue Achille Bégé, F-34090 Montpellier (FR). **BARBANEL, Gérard** [FR/FR]; 52, avenue Emile Diacon, F-34090 Montpellier (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) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(31) 60/047,535 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07D 401/00**

(54) ● 3(5)-HETEROARYL SUBSTITUTED PYRAZOLES AS p38 KINASE INHIBITORS

● PYRAZOLES 3(5)-HETEROARYL SUBSTITUTES UTILISEES COMME INHIBITEURS DE KINASE p38

(71) **G.D. SEARLE AND CO.** [US/US]; P.O. Box 5110, Chicago, IL 60680 (US).

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(72, 75) **ANANTANARAYAN, Ashok** [US/US]; 54 Lisk Drive, Hainesville, IL 60015 (US). **CLARE, Michael** [GB/US]; 5154 West Brown Street, Skokie, IL 60077 (US). **GENG, Lifeng** [CN/US]; 5300 Davis Street, Skokie, IL 60077 (US). **HANSON, Gunnar, J.** [US/US]; 7410 Keystone Avenue, Skokie, IL 60076 (US). **PARTIS, Richard, A.** [US/US]; 2221 Noyes Street, Evanston, IL 60012 (US). **STEALEY, Michael, A.** [US/US]; 502 Juniper Parkway, Libertyville, IL 60048 (US). **WEIER, Richard, M.** [US/US]; 240 Hickory Court, Lake Bluff, IL 60044 (US).

(74) **WILLIAMS, Scott, A.** et al. / etc.; Senniger, Powers, Leavitt & Roedel, 16th floor F1, One Metropolitan Square, St. Louis, MO 63102 (US).

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

(11) **WO 98/52938** (13) A1

(21) PCT/EP98/02676

(22) **7 May/mai 1998 (07.05.1998)**

(25) de (26) de

(31) 197 21 031.7 (32) **20 May/mai 1997 (20.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07D 401/04, A01N 43/56**

(54) ● SUBSTITUTED PYRIDYLPYRAZOLES AS HERBICIDES, INSECTICIDES AND ACARICIDES

● PYRIDYLPYRAZOLES SUBSTITUES COMME HERBICIDES, INSECTICIDES ET ACARICIDES

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

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(72, 75) **SCHALLNER, Otto** [DE/DE]; Noldeweg 22, D-40789 Monheim (DE). **LINKER, Karl-Heinz**

[DE/DE]; Kurt-Schumacher-Ring 56, D-51377 Leverkusen (DE). **DOLLINGER, Markus** [DE/DE]; Burscheider Strasse 154b, D-51381 Leverkusen (DE). **ERDELEN, Christoph** [DE/DE]; Unterbüschlerhof 15, D-42799 Leichlingen (DE). **WACHENDORFF-NEUMANN, Ulrike** [DE/DE]; Oberer Markweg 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 9/131413 (32) **21 May/mai 1997 (21.05.1997)** (33) JP

(31) 9/140643 (32) **29 May/mai 1997 (29.05.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07D 401/04, 471/04, 498/06, 207/09, A61K 31/47, 31/535**

(54) ● CIS-DISUBSTITUTED AMINOCYCLOALKYL-PYRROLIDINE DERIVATIVES

● DERIVES D'AMINOCYCLOALKYLE-PYRROLIDINE CIS-DISUBSTITUES

(71) **DAIICHI PHARMACEUTICAL CO., LTD.** [JP/JP]; 14-10, Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0027 (JP).

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(72, 75) **TAKEMURA, Makoto** [JP/JP]; Daiichi Pharmaceutical Co., Ltd. Tokyo R & D Center, 16-13, Kita-Kasai 1-chome, Edogawa-ku, Tokyo 134-0081 (JP). **TAKAHASHI, Hisashi** [JP/JP]; Daiichi Pharmaceutical Co., Ltd. Tokyo R & D Center, 16-13, Kita-Kasai 1-chome, Edogawa-ku, Tokyo 134-0081 (JP). **SUGITA, Kazuyuki** [JP/JP]; Daiichi Pharmaceutical Co., Ltd. Tokyo R & D Center, 16-13, Kita-Kasai 1-chome, Edogawa-ku, Tokyo 134-0081 (JP). **OHKI, Hitoshi** [JP/JP]; Daiichi Pharmaceutical Co., Ltd. Tokyo R & D Center, 16-13, Kita-Kasai 1-chome, Edogawa-ku, Tokyo 134-0081 (JP). **MIYAUCHI, Satoru** [JP/JP]; Daiichi Pharmaceutical Co., Ltd. Tokyo R & D Center, 16-13, Kita-Kasai 1-chome, Edogawa-ku, Tokyo 134-0081 (JP). **MIYAUCHI, Rie** [JP/JP]; Daiichi Pharmaceutical Co., Ltd. Tokyo R & D Center, 16-13, Kita-Kasai 1-chome, Edogawa-ku, Tokyo 134-0081 (JP).

(74) **HAGINO, Taira** et al. / etc.; Eikoh Patent Office, ARK Mori Building, 28th floor, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6028 (JP).

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

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(21) PCT/US98/10436

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 60/047,570 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07D 401/04, A61K 31/415, 31/44, 31/505, C07D 401/14, 409/14, 413/14, 405/14, 471/04, 417/14, 453/02 // (C07D 471/04, 237:00, 231:00) (C07D 471/04, 237:00, 233:00)**

(54) ● SUBSTITUTED PYRAZOLES AS p38 KINASE INHIBITORS

● PYRAZOLES SUBSTITUES COMME INHIBITEURS DE p38 KINASE

(71) **G.D. SEARLE AND CO.** [US/US]; P.O. Box 5110, Chicago, IL 60680 (US).

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(72, 75) **ANANTANARAYAN, Ashok** [US/US]; 54 Lisk Drive, Hainesville, IL 60030 (US). **CLARE, Michael** [GB/US]; 5154 West Brown Street, Skokie, IL 60077 (US). **COLLINS, Paul, W.** [US/US]; 1557 Hawthorne Place, Deerfield, IL 60015 (US). **CRICH, Joyce, Zuowu** [CN/US]; 1501 G Topp Lane, Glenview, IL 60025 (US). **DEVRAJ, Rajesh** [IN/US]; 41 Westmeade Court, Chesterfield, MO 63017 (US). **FLYNN, Daniel, L.** [US/US]; 16868 Kehrsdale Drive, Clarkson Valley, MO 63005 (US). **GENG, Lifeng** [CN/US]; 5300 Davis Street, Skokie, IL 60077 (US). **HANSON, Gunnar, J.** [US/US]; 7410 Keystone Avenue, Skokie, IL 60076 (US). **KOSZYK, Francis, J.** [US/US]; 11 Wildwood Drive South, Prospect Heights, IL 60070 (US). **LIAO, Shuyuan** [CN/US]; 2N 500 Diane Avenue, Glen Ellyn, IL 60137 (US). **PARTIS, Richard, A.** [US/US]; 2221 Noyes Street, Evanston, IL 60201 (US). **RAO, Shashidhar, N.** [IN/US]; 43 Windsor Place, Mundelein, IL 60060 (US). **SELNESS, Shaun, Raj** [US/US]; Apartment J, 12387 Cross Creek Cove, St. Louis, MO 63141 (US). **SOUTH, Michael, S.** [US/US]; 11671 Chieftain Drive, St. Louis, MO 63146 (US). **STEALEY, Michael, A.** [US/US]; 502 Juniper Parkway, Libertyville, IL 60048 (US). **WEIER, Richard, M.** [US/US]; 240 Hickory Court, Lake Bluff, IL 60044 (US). **XU, Xiangdong** [CN/US]; Apartment 715, 855 Hinman Avenue, Evanston, IL 60202 (US).

(74) **ROEDEL, John, K., Jr.** et al. / etc.; Senniger, Powers, Leavitt and Roedel, 16th floor, One Metropolitan Square, St. Louis, MO 63102 (US).

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

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(31) 60/047,569 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07D 401/04, A61K 31/44**

(54) ● PYRAZOLE DERIVATIVES AS p38 KINASE INHIBITORS

- DERIVES DE PYRAZOLE COMME INHIBITEURS DE KINASE p38
- (71) **G.D. SEARLE AND CO.** [US/US]; P.O. Box 5110, Chicago, IL 60680 (US).
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- (72, 75) **HANSON, Gunnar, J.** [US/US]; 7410 Keystone Avenue, Skokie, IL 60076 (US). **LIAO, Shuyuan** [CN/US]; 2N. 500 Diane Avenue, Glen Ellyn, IL 60137 (US).
- (74) **ROEDEL, John, K., Jr.** et al. / etc.; Senniger, Powers, Leavitt & Roedel, 16th floor, One Metropolitan Square, St. Louis, MO 63102 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52942** (13) A1
- (21) PCT/EP98/03014
- (22) **18 May/mai 1998 (18.05.1998)**
- (25) en (26) en
- (31) 9710750.2 (32) **23 May/mai 1997 (23.05.1997)** (33) GB
- (31) MI97A002354 (32) **17 Oct/oct 1997 (17.10.1997)** (33) IT
- (31) MI97A002775 (32) **16 Dec/déc 1997 (16.12.1997)** (33) IT
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **C07D 401/06, A61K 31/47, C07D 215/52, 491/10 // (C07D 491/10, 317:00, 221:00)**
- (54) ● QUINOLINE-4-CARBOXAMIDE DERIVATIVES AS NK-2 AND NK-3 RECEPTOR ANTAGONISTS
● NOUVEAUX COMPOSES
- (71) **SMITHKLINE BEECHAM S.P.A.** [IT/IT]; Via Zambelletti, I-20021 Baranzate di Bollate (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GIARDINA, Giuseppe, Arnaldo, Maria** [IT/IT]; SmithKline Beecham S.p.A. Via Zambelletti, I-20021 Baranzate di Bollate (IT). **GRUGNI, Mario** [IT/IT]; SmithKline Beecham S.p.A., Via Zambelletti, I-20021 Baranzate di Bollate (IT). **GRAZIANI, Davide** [IT/IT]; SmithKline Beecham S.p.A., Via Zambelletti, I-20021 Baranzate di Bollate (IT). **RAVEGLIA, Luca, Francesco** [IT/IT]; SmithKline Beecham S.p.A., Via Zambelletti, I-20021 Baranzate di Bollate (IT).
- (74) **RUTTER, Keith**; SmithKline Beecham plc, Corporate Intellectual Property, Two New Horizons Court, Brentford, Middlesex TW8 9EP (GB).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52943** (13) A1
- (21) PCT/EP98/02992

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- (31) 9710523.3 (32) **23 May/mai 1997 (23.05.1997)** (33) GB
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **C07D 401/12, A61K 31/44, C07D 401/14**
- (54) ● INDOLINE DERIVATIVES AS 5HT_{2c} RECEPTOR ANTAGONISTS
● DERIVES D'INDOLINE COMME ANTAGONISTES DU RECEPTEUR 5HT_{2c}
- (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) **BROMIDGE, Steven, Mark** [GB/GB]; SmithKline Beecham Pharmaceuticals, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).
- (74) **WATERS, David, Martin**; SmithKline Beecham, Corporate Intellectual Property, Two New Horizons Court, Brentford, Middlesex TW8 9EP (GB).
- (81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/52944** (13) A1
- (21) PCT/US98/10174
- (22) **18 May/mai 1998 (18.05.1998)**
- (25) en (26) en
- (31) 60/047,084 (32) **19 May/mai 1997 (19.05.1997)** (33) US
- (31) 60/046,945 (32) **19 May/mai 1997 (19.05.1997)** (33) US
- (31) 60/056,623 (32) **20 Aug/août 1997 (20.08.1997)** (33) US
- (31) 60/061,590 (32) **10 Oct/oct 1997 (10.10.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **C07D 413/02, 231/12, 261/18, 261/08**
- (54) ● HETEROARYLCARBOXAMIDE COMPOUNDS ACTIVE AGAINST PROTEIN TYROSINE KINASE RELATED DISORDERS
● COMPOSES D'HETEROARYLCARBOXAMIDE ACTIFS CONTRE LES ETATS PATHOLOGIQUES LIES AUX PROTEINE TYROSINE KINASES
- (71) **SUGEN, INC.** [US/US]; 351 Galveston Drive, Redwood City, CA 94063 (US).
- (72) **McMAHON, Gerald**; 1800 Schultz Road, Kenwood, CA 95452 (US). **TANG, Peng, Cho**; 827 Camino Ricardo, Moraga, CA 94556 (US). **SHAWVER, Laura, Kay**; 216 Cotter Street, San Francisco, CA 94112 (US). **HIRTH, Klaus, Peter**; 334 Collingswood Street, San Francisco, CA 94114 (US).
- (74) **ROSE, Bernard, F.** et al. / etc.; Lyon & Lyon LLP, Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071-2066 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/52945** (13) A1
- (21) PCT/EP98/02754
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- (31) 197 21 627.7 (32) **23 May/mai 1997 (23.05.1997)** (33) DE
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **C07D 417/12, 417/14, A01N 43/82, 43/88, C07D 285/01, 285/15**
- (54) ● PYRIDYLTHIO-DITHIAZOLE DERIVATIVES ADN THEIR USE AS PEST CONTROL AGENTS
● DERIVES DE PYRIDYLTHIO-DITHIAZOLDIOXYDE ET LEUR UTILISATION COMME AGENTS DE LUTTE CONTRE LES PARASITES
- (71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).
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- (72, 75) **UHR, Hermann** [DE/DE]; Bodelschwingstrasse 12, D-47800 Krefeld (DE). **KUGLER, Martin** [DE/DE]; Am Kloster 47, D-42799 Leichlingen (DE). **WACHTLER, Peter** [DE/DE]; Morgengraben 4, D-51061 Köln (DE). **HÄNSSLER, Gerd** [DE/DE]; Am Arenenberg 58a, D-51381 Leverkusen (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52946** (13) A1
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- (31) 08/982,910 (32) **2 Dec/déc 1997 (02.12.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **C07D 417/12, A61K 31/535, 31/54, C07D 417/14, 413/12**
- (54) ● AZOLIDINEDIONES USEFUL FOR THE TREATMENT OF DIABETES, DYSLIPIDEMIA AND HYPERTENSION
● AZOLIDINEDIONES UTILISES DANS LE TRAITEMENT DU DIABETES, DE LA DYS-LIPIDEMIE ET DE L'HYPERTENSION
- (71) **DR. REDDY'S RESEARCH FOUNDATION** [IN/IN]; 7-1-27 Ameerpet, Hyderabad 500 016 (IN). **REDDY-CHEMINOR INC.** [US/US]; 66 South Maple Avenue, Ridgewood, NJ 07450 (US).
- (72) **LOHRAY, Braj, Bhushan**; Plot No. 986, Road No. 50, Jubilee Hills, Hyderabad 500 033 (IN). **LOHRAY, Vidya, Bhushan**; Plot No. 986, Road No. 50, Jubilee Hills, Hyderabad 500 033 (IN). **BAJJI, Ashok, Channaveerappa**; Plot No. 31, J.P.N. Bagar, Bollaram Road, Miyapur, Hyderabad 500 050 (IN). **KALCHAR, Shivaramayya**; 6-18/C, Adarshnagar Colony, Serlingampally, Hyderabad 500 019 (IN). **ALLA, Sekar, Reddy**; Plot No. 19, J.P.N. Nagar, Bollaram Road, Miyapur, Hyderabad 500 050 (IN). **RAMANUJAM, Rajagopalan**; 2B, Vishaal Towers, 8-3-682, Navodaya Colony, Yellareddyguda, Hyderabad 500 873 (IN). **VIKRAMADITHYAN, Reeba, K.**; H. No. 296, Doyen's Township, Opp. Alind, Serilingampally, Hyderabad 500 019 (IN).

- (74) **CORD, Janet, I.**; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US) et al. / etc.
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52947** (13) A1
- (21) PCT/US98/08471
- (22) **27 Apr/avr 1998 (27.04.1998)**
- (25) en (26) en
- (31) 08/861,874 (32) **22 May/mai 1997 (22.05.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **C07D 471/04 // (C07D 471/04, 221:00, 209:00)**
- (54) ● PROCESS FOR PREPARING 6-O-MONOESTERS OF CASTANOSPERMINE
● PROCEDE DE PREPARATION DE 6-O-MONOESTERS DE CASTANOSPERMINE
- (71) **HOECHST MARION ROUSSEL, INC.** [US/US]; 2110 East Galbraith Road, P.O. Box 156300, Cincinnati, OH 45215-6300 (US).

- (72) **GORALSKI, Christian, T.**; 2773 N. Cedaridge Drive, Midland, MI 48642 (US). **STOLZ-DUNN, Sandra**; 615 George Street, Midland, MI 48640 (US). **HITT, James, E.**; 3819 Chestnut Hill Drive, Midland, MI 48642 (US). **LOUKS, David, H.**; 7597 Laurie Lane South, Saginaw, MI 48609 (US). **SCHERZER, Brian, D.**; 4218 Lawndale Road, Saginaw, MI 48603 (US). **NITZ, Mark, A.**; 565 Peterson Drive, Sanford, MI 48657 (US). **SMIT, Mark, R.**; 413 Lingle Lane, Midland, MI 48640 (US).

- (74) **GUPTA, Balaram**; Hoechst Marion Roussel, Inc., 2110 East Galbraith Road, P.O. Box 156300, 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52948** (13) A1
- (21) PCT/US98/09964
- (22) **18 May/mai 1998 (18.05.1998)**
- (25) en (26) en
- (31) 08/858,778 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07D 473/02, 513/04, 471/04, A61K 31/505, 31/52**

- (54) ● COMPOUNDS FOR INHIBITION OF CERAMIDE-MEDIATED SIGNAL TRANSDUCTION
● COMPOSES POUR L'INHIBITION DE LA TRANSDUCTION DE SIGNAUX A MEDIATION CERAMIDE

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

- (72) **CARSON, Dennis, A.**; 14824 Vista Del Oceano, Del Mar, CA 92014 (US). **COTTAM, Howard**; 208 White Horse Lane, Fallbrook, CA 92028 (US).

- (74) **BERLINER, Robert**; Fulbright & Jaworski L.L.P., 29th floor, 865 S. 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52949** (13) A1
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- (25) en (26) en
- (31) 9709945.1 (32) **17 May/mai 1997 (17.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07D 473/16, A61K 31/52**

- (54) ● CARBOCYCLIC NUCLEOSIDE HEMISULFATE AND ITS USE IN TREATING VIRAL INFECTIONS
● HEMISULFATE DE NUCLEOSIDE CARBOCYCLIQUE ET SON UTILISATION DANS LE TRAITEMENT D'INFECTIONS VIRALES

- (71) **GLAXO GROUP LIMITED** [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **BRODIE, Alastair, Couper** [GB/GB]; Glaxo Wellcome plc, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). **JONES, Martin, Francis** [GB/GB]; Glaxo Wellcome plc, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). **SEAGER, John, Frederick** [GB/GB]; Glaxo Wellcome plc, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). **WALLIS, Christopher, John** [GB/GB]; Glaxo Wellcome plc, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB).

- (74) **PIKE, Christopher, G.**; Glaxo Wellcome plc, Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).

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

- (11) **WO 98/52950** (13) A1
- (21) PCT/EP98/02824
- (22) **13 May/mai 1998 (13.05.1998)**
- (25) de (26) de
- (31) 197 21 399.5 (32) **22 May/mai 1997 (22.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07D 487/22, C10L 1/22, 1/28, 1/30, C07D 519/00, C09B 47/04 // (C07D 487/22, 259:00, 209:00, 209:00, 209:00, 209:00) (C07D 519/00, 491:00, 487:00)**

- (54) ● PHTHALOCYANINE AND USE OF PHTHALOCYANINE AS A MARKING AGENT

- PHTHALOCYANINE ET SON UTILISATION COMME AGENT DE MARQUAGE

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

- (72, 75) **MEYER, Frank** [DE/DE]; Seckenheimer Strasse 4-6, D-68165 Mannheim (DE). **VAMVA-KARIS, Christos** [DE/DE]; Riedweg 6, D-67169 Kallstadt (DE). **BECK, Karin, Heidrun** [DE/DE]; Dackenhimer Strasse 3, D-67067 Ludwigshafen (DE). **WAGENBLAST, Gerhard** [DE/DE]; Am Judenacker 8, D-67157 Wachenheim (DE). **ALBERT, Bernhard** [DE/DE]; Neuburgerstrasse 8, D-67157 Wachenheim (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 CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/52951** (13) A1
- (21) PCT/US98/08470
- (22) **27 Apr/avr 1998 (27.04.1998)**
- (25) en (26) en
- (31) 08/862,488 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C07D 493/04, 493/14, A61K 31/34 // (C07D 493/04, 307:00, 303:00) (C07D 493/14, 307:00, 307:00, 303:00) (C07D 493/14, 307:00, 303:00, 303:00)**

- (54) ● NOVEL TRIPTOLIDE DERIVATIVES USEFUL IN THE TREATMENT OF AUTOIMMUNE DISEASES
● DERIVES TRIPTOLIDES CONVENANT AU TRAITEMENT D'AFFECTIONS AUTOIMMUNES

- (71) **HOECHST MARION ROUSSEL, INC.** [US/US]; 2110 East Galbraith Road, P.O. Box 156300, Cincinnati, OH 45215-6300 (US).

- (72) **JUNG, Michael, J.**; 3316 Westridge Court, Lawrence, KS 66049 (US). **WICKRAMARATNE, Mahinda**; Nugasevana, Mathalana, Rukgahawila (LK). **HEPPERLE, Michael**; 245 Spruce Mill Lane, Scotch Plains, NJ 07076 (US).

- (74) **GUPTA, Balaram**; Hoechst Marion Roussel, Inc., 2110 East Galbraith Road, P.O. Box 156300, 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52952** (13) A1
 (21) PCT/EP98/02817
 (22) **13 May/mai 1998 (13.05.1998)**
 (25) en (26) en
 (31) 1205/97 (32) **23 May/mai 1997 (23.05.1997)** (33) CH
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **C07F 5/02, C08F 2/50, G03F 7/029**
 (54) ● POLYBORATE COINITIATORS FOR PHOTOPOLYMERIZATION
 ● CO-INITIATEURS DE POLYBORATE POUR PHOTOPOLYMERISATION
 (71) **CIBA SPECIALTY CHEMICALS HOLDING INC.** [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).
 (72) **CUNNINGHAM, Allan, Francis**; 18, route de Bel-Air, CH-1723 Marly (CH). **KUNZ, Martin**; Baslerstrasse 13/5, D-79588 Efringen-Kirchen (DE).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52953** (13) A1
 (21) PCT/NL98/00283
 (22) **18 May/mai 1998 (18.05.1998)**
 (25) en (26) en
 (31) 1006123 (32) **23 May/mai 1997 (23.05.1997)** (33) NL
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **C07F 7/10, 17/00, C08F 10/00**
 (54) ● CYCLOOCTATETRAENE COMPOUND
 ● COMPOSE DE CYCLOOCTATETRAENE
 (71) **DSM N.V.** [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **GRUTER, Gerardus, Johannes, Maria** [NL/NL]; Ravelijnstraat 23, NL-6217 LW Maastricht (NL). **STEFFAN, Uwe, Helmut, Heinz** [DE/DE]; Alkuinstrasse 41, D-52070 Aachen (DE). **VAN BEEK, Johannes, Antonius, Maria** [NL/US]; 75 Tyrella Court, Mountain View, CA 94043 (US).
 (74) **SCHELTUS, Irma**; Octrooibureau DSM, P.O. Box 9, NL-6160 MA Geleen (NL).
 (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/52954** (13) A1
 (21) PCT/CA98/00500
 (22) **21 May/mai 1998 (21.05.1998)**
 (25) en (26) en
 (31) 2,205,790 (32) **22 May/mai 1997 (22.05.1997)** (33) CA
 (43) 26 Nov/nov 1998 (26.11.1998)

- (51)⁶ **C07F 7/18**
 (54) ● N-SUBSTITUTED-OMEGA-(ALKOXY-SILYL)ALKYLAMINES AND PROCESS FOR PRODUCTION THEREOF
 ● OMEGA-(ALKOXY-SILYL)ALKYLAMINES N-SUBSTITUEES ET LEUR PROCEDE DE PRODUCTION
 (71) **BAYER INC.** [CA/CA]; 1265 Vidal Street South, P.O. Box 3001, Sarnia, Ontario N7T 7M2 (CA).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **KOSKI, Ahti** [CA/CA]; 1876 Brigden Road, R.R. #1, Wilkesport, Ontario N0P 2R0 (CA).
 (74) **NASSIF, Omar, A.** et al. / etc.; Gowling, Strathy & Henderson, Suite 4900, Commerce Court West, Toronto, Ontario M5L 1J3 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52955** (13) A1
 (21) PCT/EP98/02767
 (22) **12 May/mai 1998 (12.05.1998)**
 (25) de (26) de
 (31) 197 20 977.7 (32) **20 May/mai 1997 (20.05.1997)** (33) DE
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **C07F 9/6568**
 (54) ● METHOD FOR PRODUCING ALUMINIUM SALTS OF CYCLIC PHOSPHINIC ACIDS
 ● PROCEDE DE PREPARATION DE SELS D'ALUMINIUM D'ACIDES PHOSPHINIQUES CYCLIQUES
 (71) **TICONA GMBH** [DE/DE]; An der B 43, D-65451 Kelsterbach (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **SEITZ, Thomas** [DE/DE]; Kirschblütenstrasse 29, D-68542 Heddeshheim (DE).
 (81) CA JP KR NO SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/52956** (13) A1
 (21) PCT/EP98/02858
 (22) **14 May/mai 1998 (14.05.1998)**
 (25) de (26) de
 (31) 197 20 592.5 (32) **16 May/mai 1997 (16.05.1997)** (33) DE
 (31) 198 00 394.3 (32) **8 Jan/jan 1998 (08.01.1998)** (33) DE
 (43) 26 Nov/nov 1998 (26.11.1998)

- (51)⁶ **C07F 17/00**
 (54) ● PURE ENANTIOMER METALLOCENE COMPLEXES AND THE PRODUCTION AND USE OF THE SAME
 ● COMPLEXES METALLOCENES EXEMPTS D'ENANTIOMERES, LEUR PREPARATION ET LEUR UTILISATION

- (71, 72) **RINGWALD, Markus** [DE/DE]; Hermann-von-Vicari-Strasse 23, D-78464 Konstanz (DE).
 (74) **HANSEN, Bernd** et al. / etc.; Hoffmann . Eitle, Arabellastrasse 4, D-81925 München (DE).
 (81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/52957** (13) A1
 (21) PCT/JP98/02218
 (22) **20 May/mai 1998 (20.05.1998)**
 (25) ja (26) ja
 (31) 9/145919 (32) **20 May/mai 1997 (20.05.1997)** (33) JP
 (43) 26 Nov/nov 1998 (26.11.1998)

- (51)⁶ **C07H 15/18, A61K 31/70, 31/41, 31/415**
 (54) ● DERIVATIVES OF ANTIFUNGAL SUBSTANCE BE-31405 AND PROCESS FOR PRODUCING THE SAME
 ● DERIVES DE LA SUBSTANCE ANTIFONGIQUE BE-31405 ET PROCEDE DE PRODUCTION CORRESPONDANT
 (71) **BANYU PHARMACEUTICAL CO., LTD.** [JP/JP]; 2-3, Nihombashi Honcho 2-chome, Chuo-ku, Tokyo 103-8416 (JP).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **HIRANO, Atsushi** [JP/JP]; Banyu Pharmaceutical Co., Ltd. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611 (JP). **TO-RIGOE, Koichiro** [JP/JP]; Banyu Pharmaceutical Co., Ltd. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611 (JP). **OGAWA, Hidenori** [JP/JP]; Banyu Pharmaceutical Co., Ltd. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611 (JP). **KAMIYA, Seigo** [JP/JP]; Banyu Pharmaceutical Co., Ltd. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611 (JP). **OKADA, Hiromasa** [JP/JP]; Banyu Pharmaceutical Co., Ltd. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611 (JP). **NAGASHIMA, Masao** [JP/JP]; Banyu Pharmaceutical Co., Ltd. Meguro Site, 9-3, Shimo-Meguro 2-chome, Meguro-ku, Tokyo 153-8680 (JP). **KOJIRI, Katsuhisa** [JP/JP]; Banyu Pharmaceutical Co., Ltd., 2-3, Nihombashi Honcho 2-chome, Chuo-ku, Tokyo 103-8416 (JP). **SUDA, Hiroyuki** [JP/JP]; Banyu Pharmaceutical Co., Ltd. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611 (JP).
 (74) **BANYU PHARMACEUTICAL CO., LTD.**; 2-3, Nihombashi Honcho 2-chome, Chuo-ku, Tokyo 103-8416 (JP).

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

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- (11) **WO 98/52958** (13) A1
 (21) PCT/US98/10215
 (22) **19 May/mai 1998 (19.05.1998)**
 (25) en (26) en
 (31) 60/047,179 (32) **20 May/mai 1997 (20.05.1997)** (33) US
 (31) 9716886.8 (32) **8 Aug/août 1997 (08.08.1997)** (33) GB

- (31) 60/069,141 (32) **9 Dec/déc 1997** (33) US
(09.12.1997)
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **C07H 17/00, C12P 21/06, C12N 1/20, 15/00**
- (54) ● HUMAN UNCOUPLING PROTEIN 3
● PROTEINE 3 DE DECOUPLAGE D'ORIGINE HUMAINE
- (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) **LIU, Qingyun** [CN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). **CHEN, Fang** [US/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 CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/52959** (13) A1
- (21) PCT/FR98/01016
- (22) **20 May/mai 1998 (20.05.1998)**
- (25) fr (26) fr
- (31) 97/06111 (32) **20 May/mai 1997** (33) FR
(20.05.1997)

- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **C07H 17/04, A61K 31/70**
- (54) ● NOVEL GLYCOSYLATED GINKGOLIDE DERIVATIVES, THEIR APPLICATION AS MEDICINES AND PHARMACEUTICAL COMPOSITIONS
● NOUVEAUX DERIVES GLYCOSYLES DES GINKGOLIDES, LEUR APPLICATION EN TANT QUE MEDICAMENTS ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT
- (71) **SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES (S.C.R.A.S.)** [FR/FR]; 51/53, rue du Docteur Blanche, F-75016 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VASELLA, Andrea** [CH/CH]; Langackerstrasse 7, CH-8057 Zürich (CH). **WEBER, Martin** [CH/CH]; Schaffhauserstrasse 198, CH-8057 Zürich (CH).
- (74) **BOURGOUIN, André**; Société de Conseils Administratifs et Financiers (S.C.A.F.) - Service Brevets & Marques, 42, rue du Docteur Blanche, F-75016 Paris (FR).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52960** (13) A1
- (21) PCT/EP98/03171
- (22) **21 May/mai 1998 (21.05.1998)**
- (25) en (26) en
- (31) MI97A001211 (32) **23 May/mai 1997** (33) IT
(23.05.1997)

- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **C07H 19/06**
- (54) ● PROCESS FOR THE PREPARATION OF A DEOXYURIDINE DERIVATIVE
● PROCEDE DE PREPARATION D'UN DERIVE DE DEOXYURIDINE
- (71) **PRO.BIO.SINT S.R.L.** [IT/IT]; Via Valverde, 20/22, I-21100 Varese (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **COTTICELLI, Giovanni** [IT/IT]; Via Penati, 8, I-20063 Cernusco Sul Naviglio (IT). **DE MEGLIO, Giuseppe** [IT/IT]; Via F. Hayez, 14, I-20129 Milano (IT). **MONCIARDINI, Simone** [IT/IT]; Via Marconi, 10, I-21100 Varese (IT). **ORDANINI, Giancarlo** [IT/IT]; Località Carbora, I-21039 Bedero Valcuvia (IT).
- (74) **DRAGOTTI, Gianfranco**; Dragotti & Associati S.r.l., Galleria San Babila, 4/D, I-20122 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52961** (13) A1
- (21) PCT/US98/09961
- (22) **18 May/mai 1998 (18.05.1998)**
- (25) en (26) en
- (31) 60/046,952 (32) **19 May/mai 1997** (33) US
(19.05.1997)
- (31) 08/982,485 (32) **2 Dec/déc 1997** (33) US
(02.12.1997)
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **C07H 21/00**
- (54) ● METHOD FOR SINGLE-STEP ATTACHMENT OF A LABEL TO TARGET MOLECULES
● PROCEDE PERMETTANT DE FIXER EN UNE SEULE ETAPE UN MARQUEUR SUR DES MOLECULES CIBLES
- (71) **MIRUS CORPORATION** [US/US]; 545 Science Drive, Madison, WI 53711 (US).
- (72) **WOLFF, Jon, A.**; 1122 University Bay Drive, Madison, WI 53705 (US). **HAGSTROM, James, E.**; 3301 Brighton Place, Madison, WI 54713 (US). **BUDKER, Vladimir, G.**; 406 North Segoe Road #67A, Madison, WI 53705 (US). **SLATTUM, Paul, M.**; 4306 Keting Terrace, Madison, WI 53711 (US).
- (74) **JOHNSON, Mark, K.**; P.O. Box 510644, New Berlin, WI 53151-0644 (US).
- (81) ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/52962** (13) A1
- (21) PCT/US98/10459
- (22) **19 May/mai 1998 (19.05.1998)**
- (25) en (26) en
- (31) 60/047,121 (32) **19 May/mai 1997** (33) US
(19.05.1997)

- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **C07H 21/00, 21/04, A61K 48/00**
- (54) ● OLIGONUCLEOTIDE ADJUVANT
● ADJUVANT OLIGONUCLEOTIDIQUE
- (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) **CAULFIELD, Michael, J.** [US/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 GW 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 GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52963** (13) A1
- (21) PCT/US98/10200
- (22) **20 May/mai 1998 (20.05.1998)**
- (25) en (26) en
- (31) 08/859,167 (32) **20 May/mai 1997** (33) US
(20.05.1997)

- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **C07H 21/04, G01N 33/48, 33/53, 33/574, C12P 21/06, C07K 16/00**
- (54) ● FADD-LIKE ANTI-APOPTOTIC MOLECULES, METHODS OF USING THE SAME, AND COMPOSITIONS FOR AND METHODS OF MAKING THE SAME
● MOLECULES ANTI-APOPTOSE DE TYPE FADD, PROCEDES D'UTILISATION DE CES MOLECULES, COMPOSITIONS ET PROCEDES DE PREPARATION DE CES COMPOSITIONS
- (71) **THOMAS JEFFERSON UNIVERSITY** [US/US]; 11th and Walnut Streets, Philadelphia, PA 19107 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ALNEMRI, Emad, S.** [US/US]; 805 Meetinghouse Road, Ambler, PA 19002 (US).
- (74) **JOHNSON, Philip, S.** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52964** (13) A1
- (21) PCT/US98/10391
- (22) **20 May/mai 1998 (20.05.1998)**
- (25) en (26) en
- (31) 60/047,147 (32) **20 May/mai 1997** (33) US
(20.05.1997)
- (31) 60/069,902 (32) **17 Dec/déc 1997** (33) US
(17.12.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ C07H 21/04, C07K 1/00, C12Q 1/68

(54) ● RUPESTRIS STEM PITTING ASSOCIATED VIRUS NUCLEIC ACIDS, PROTEINS, AND THEIR USES

● PROTEINES ET ACIDES NUCLEIQUES DE VIRUS ASSOCIE AU BOIS STRIE DE LA VIGNE, ET LEURS UTILISATIONS

(71) CORNELL RESEARCH FOUNDATION, INC. [US/US]; Suite 105, 20 Thornwood Drive, Ithaca, NY 14850 (US).

(72) GONSALVES, Dennis; 595 Castle Street, Geneva, NY 14456 (US). MENG, Baozhong; 40 Elmwood Avenue, Geneva, NY 14456 (US).

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

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

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(31) 97201474.0 (32) 16 May/mai 1997 (33) EP (16.05.1997)

(34) NL et al. / etc.

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ C07J 9/00, A61K 31/575, C07J 51/00, 31/00, 41/00(54) ● 20-ARALKYL-5 α -PREGNANE DERIVATIVES● DERIVES DE 20-ARALKYL-5 α -PREGNANE

(71) AKZO NOBEL N.V. [NL/NL]; Velperweg 76, NL-6824 BM Arnhem (NL). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEEMHUIS, Johannes, Antonius, Joseph [NL/NL]; Mekelenkampaan 33, NL-5345 GL Oss (NL). VAN DER LOUW, Jaap [NL/NL]; Pauwoog 12, NL-5345 EN Oss (NL). GROEN, Marinus, Bernard [NL/NL]; Krijteweg 51, NL-5345 TT Oss (NL).

(74) KRAAK, Hajo; P.O. Box 20, NL-5340 BH Oss (NL).

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

(11) WO 98/52966 (13) A1

(21) PCT/US98/10285

(22) 19 May/mai 1998 (19.05.1998)

(25) en (26) en

(31) 60/047,070 (32) 19 May/mai 1997 (33) US (19.05.1997)

(31) 60/080,046 (32) 30 Mar/mar 1998 (33) US (30.03.1998)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ C07K 7/00

(54) ● TISSUE SPECIFIC PRODRUG

● BIOPRECURSEURS A SPECIFICITE TISSULAIRE

(63) US 60/047,070 (CIP) 19 May/mai 1997 (19.05.1997)
US 60/080,046 (CIP) 30 Mar/mar 1998 (30.03.1998)

(71) THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDECINE [US/US]; 720 Rutland Avenue, Baltimore, MD 21205 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) ISSACS, John, T. [US/US]; Baltimore, MD 21200 (US). DENMEADE, Samuel, R. [US/US]; Baltimore, MD 21200 (US). CHRISTENSEN, S., Brogger [DK/DK]; DK-Copenhagen (DK). LILJA, Hans [SE/SE]; S-Malmö (SE).

(74) WETHERELL, John, R., Jr.; 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) WO 98/52967 (13) A1

(21) PCT/JP98/02168

(22) 18 May/mai 1998 (18.05.1998)

(25) en (26) en

(31) PO 6918 (32) 21 May/mai 1997 (33) AU (21.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ C07K 7/56, A61K 38/04, C12P 21/02, C12N 1/14 // (C12P 21/02, C12R 1:645) (C12N 1/14, C12R 1:645)(54) ● NEW ECHINOCANDIDE DERIVATIVES WITH ANTIMICROBIAL ACTIVITY
● NOUVEAU COMPOSE

(71) FUJISAWA PHARMACEUTICAL CO., LTD. [JP/JP]; 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HORI, Yasuhiro [JP/JP]; 6-3-13, Kinunodai, Yawaramura, Tsukuba-gun, Ibaraki 300-2436 (JP). TSURUMI, Yasuhisa [JP/JP]; 3-19-1-3-301, Azuma, Tsukuba-shi, Ibaraki 305-0031 (JP). TAKASE, Shigehiro [JP/JP]; 1-12-10, Sousha, Ishioka-shi, Ibaraki 315-0016 (JP). HATANAKA, Hiroshi [JP/JP]; 3-12-21, Matsugaoka, Moriyama-machi, Kitasouma-gun, Ibaraki 302-0127 (JP). SAKAMOTO, Kazutoshi [JP/JP]; 2-17-14, Otominami, Tsuchiura-shi, Ibaraki 300-0845 (JP). HASHIMOTO, Seiji [JP/JP]; 1194-1, Sasagi, Tsukuba-shi, Ibaraki 305-0043 (JP). OHKI, Hidenori [JP/JP]; 3-1-28-705, Yamamotominami, Takarazuka-shi, Hyogo 665-0882 (JP). TOJO, Takashi [JP/JP]; 1-5-1-606, Higashiimazato, Higashinari-ku, Osaka-shi, Osaka 537-0011 (JP). MATSUDA, Keiji [JP/JP]; 3-14-18, Kosobe-cho, Takatsuki-shi, Osaka 569-1115 (JP). KAWA-BATA, Kohji [JP/JP]; 2-5-30, Maruyamadai, Kawanishi-shi, Hyogo 666-0152 (JP).

(74) SEKI, Hideo; Fujisawa Pharmaceutical Co., Ltd., Osaka Factory, 1-6, Kashima 2-chome, Yodogawa-ku, Osaka-shi, Osaka 532-8514 (JP).

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

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(21) PCT/US98/10671

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(25) en (26) en

(31) 08/859,771 (32) 21 May/mai 1997 (33) US (21.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ C07K 14/00, C12N 15/11, G01N 33/53

(54) ● METHOD FOR IDENTIFICATION OF MODIFIED RECEPTOR LIGANDS AND METHODS OF USE THEREFOR

● PROCEDE D'IDENTIFICATION DE LIGANDS DE RECEPTEURS MODIFIES ET PROCEDE D'UTILISATION DE CES DERNIERS

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(72) FORMAN, Barry, M.; Apartment 299, 8568 Via La Jolla, La Jolla, CA 92037 (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 CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(31) 197 20 914.9 (32) 16 May/mai 1997 (33) DE (16.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ C07K 14/16, G01N 33/569

(54) ● METHOD FOR DETECTING HIV ANTIBODIES AND ANTIGENS USED TO THIS END

● PROCEDE DE MISE EN EVIDENCE D'ANTICORPS ANTI-VIH ET ANTIGENES UTILISES A CET EFFET

(71) BOEHRINGER MANNHEIM GMBH [DE/DE]; D-68298 Mannheim (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) DONIE, Frederic [DE/DE]; In der Au 10, D-82377 Penzberg (DE). FAATZ, Elke [DE/DE]; Steinkreuz 1, D-82386 Huglfing (DE). HOESS, Eva [DE/DE]; Zitzelsbergerstrasse 13a, D-81476 München (DE).

(74) BOEHRINGER MANNHEIM GMBH; Patentabteilung, D-68298 Mannheim (DE).

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

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(11) WO 98/52970 (13) A1

(21) PCT/US98/10307

- (22) **20 May/mai 1998 (20.05.1998)**
 (25) en (26) en
 (31) 60/047,200 (32) **20 May/mai 1997 (20.05.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **C07K 14/16, A61K 38/55**
- (54) ● VIF-DERIVED HIV PROTEASE INHIBITORS
 ● INHIBITEURS DE LA PROTEASE DU VIH DERIVANT DE LA VIF
- (71) **ST. LUKE'S-ROOSEVELT HOSPITAL** [US/US]; 1111 Amsterdam Avenue, New York, NY 10025 (US). **YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM** [IL/IL]; Jabotinski 46, 91042 Jerusalem (IL).
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- (72, 75) **VOLSKY, David, J.** [US/US]; 128 Aqueduct Drive, Scarsdale, NY 10583 (US). **KOTLER, Moshe** [IL/IL]; Hadron Street 57, Mevaseret Zion (IL).
- (74) **SEIDE, Rochelle, K.**; Baker & Botts, LLP, 30 Rockefeller Plaza, New York, NY 10112-0228 (US).
- (81) AU CA IL JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/52971** (13) A1
 (21) PCT/US98/10474
- (22) **21 May/mai 1998 (21.05.1998)**
 (25) en (26) en
 (31) 08/862,540 (32) **23 May/mai 1997 (23.05.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **C07K 14/435, C12N 9/02, 15/52, 15/12, 1/21, C07K 16/18, A61K 39/00**
- (54) ● **DIROFILARIA AND BRUGIA THIOREDOXIN PEROXIDASE TYPE-2 (TPX-2) PROTEINS, NUCLEIC ACID MOLECULES, AND USES THEREOF**
 ● PROTEINES ET MOLECULES D'ACIDES NUCLEIQUES DE THIOREDOXINE PEROXYDASE DE TYPE 2 (TPX-2) DE **DIROFILARIA** ET **BRUGIA**, ET UTILISATIONS DE CELLES-CI
- (71) **HESKA CORPORATION** [US/US]; 1825 Sharp Point Drive, Fort Collins, CO 80525 (US). **COLORADO STATE UNIVERSITY RESEARCH FOUNDATION** [US/US]; 601 So. Howes, Fort Collins, CO 80521 (US).
- (72) **CHANDRASHEKAR, Ramaswamy**; 3006 San Luis Court, Fort Collins, CO 80525 (US). **TSUJI, Naotoshi**; Apartment 0-5, 700 East Drake Road, Fort Collins, CO 80525 (US).
- (74) **HANLEY, Elizabeth, A.** et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52972** (13) A1
 (21) PCT/JP98/02261
- (22) **22 May/mai 1998 (22.05.1998)**
 (25) ja (26) ja
 (31) 9/133549 (32) **23 May/mai 1997 (23.05.1997)** (33) JP
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **C07K 14/46, C12N 15/12, C07K 16/18, A61K 39/395, 38/17 // C12P 21/02, 21/08**
- (54) ● NOVEL PROTEIN, ITS GENE, REAGENTS FOR INDUCING APOPTOSIS, AND ANTI-CANCER AGENTS
 ● NOUVELLE PROTEINE, SON GENE, REACTIFS INDUISANT L'APOPTOSE ET AGENTS ANTICANCEREUX
- (71) **TENSEI SUISAN CO., LTD.** [JP/JP]; 1-6, Nakasedoori, Karatsu-shi, Saga 847-0101 (JP).
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- (72, 75) **IWAMOTO, Mitsunori** [JP/JP]; 1498, Shinmachi, Karatsu-shi, Saga 847-0813 (JP). **JUNG, Sang-Kee** [KR/JP]; Room No. 505, Vira Suitopia, 125, Aioicho, Kawaramachidoori Imadegawaagaru, Kamigyo-ku, Kyoto-shi, Kyoto 602-0827 (JP).
- (74) **SAKAI, Hajime**; Shuwa Kioicho TBR Building, 7, Kojimachi 5-chome, Chiyoda-ku, Tokyo 102-0083 (JP).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/52973** (13) A1
 (21) PCT/EP98/02953
- (22) **20 May/mai 1998 (20.05.1998)**
 (25) en (26) en
 (31) 97108384.5 (32) **23 May/mai 1997 (23.05.1997)** (33) EP
- (34) DE et al. / etc.
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **C07K 14/47, A61K 38/17**
- (54) ● NEW BPC PEPTIDE SALTS WITH ORGANOPROTECTIVE ACTIVITY, THE PROCESS FOR THEIR PREPARATION AND THEIR USE IN THERAPY
 ● NOUVEAUX SELS DE PEPTIDES BPC AYANT UNE ACTIVITE DE PROTECTION DE L'ORGANISME, PROCEDE DE PREPARATION CORRESPONDANT ET LEUR UTILISATION EN THERAPIE
- (71, 72) **SIKIRIC, Predrag** [HR/HR]; Jurisiceva 5, HR-41000 Zagreb (HR). **PETEK, Marijan** [HR/HR]; Višnjica 29, HR-41000 Zagreb (HR). **SEIWERTH, Sven** [HR/HR]; Palmoticeva 17, HR-41000 Zagreb (HR). **TURKOVIC, Branko** [HR/HR]; Baueroova 18, HR-41000 Zagreb (HR). **GRABAREVIC, Zeljko** [HR/HR]; Mikulic Odvojak 7, HR-41000 Zagreb (HR). **ROTKVIC, Ivo** [HR/HR]; Cvjetno Naselje 21, HR-41000 Zagreb (HR). **MISE, Stjepan** [HR/HR]; Roosveltova 37, HR-58000 Split (HR). **DUVNJAK, Marko** [HR/HR]; Meduliceva 18B, HR-41000 Zagreb (HR). **UDOVICIC, Ivan** [HR/CH]; Ennetmooserstrasse 16, CH-6370 Stans (CH).
- (74) **SCHRELL, Andreas** et al. / etc.; Gleiss & Große, Maybachstrasse 6A, D-70469 Stuttgart (DE).
- (81) AU BA BG BR CA CN CU CZ EE GE HU ID IL JP KR MX NO NZ PL SK TR UA US UZ YU; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/52974** (13) A1
 (21) PCT/AU98/00368
- (22) **19 May/mai 1998 (19.05.1998)**
 (25) en (26) en
 (31) PO 6962 (32) **19 May/mai 1997 (19.05.1997)** (33) AU
- (31) PO 8242 (32) **25 Jul/juil 1997 (25.07.1997)** (33) AU
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **C07K 16/20, G01N 33/569, 33/577**
- (54) ● ANTIBODIES TO **CRYPTOSPORIDIUM**
 ● ANTICORPS DIRIGES CONTRE **CRYPTOSPORIDIUM**
- (71) **MACQUARIE RESEARCH LTD.** [AU/AU]; Building W3A, Ground floor, Macquarie University, NSW 2106 (AU). **AUSTRALIAN WATER TECHNOLOGIES PTY. LTD.** [AU/AU]; Level 1, 339-341 Pitt Street, Sydney, NSW 2000 (AU).
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- (72, 75) **VESEY, Graham** [GB/AU]; 10 Makinson Street, Gladesville, NSW 2111 (AU). **WEIR, Christopher** [AU/AU]; 32 Formelles Street, Seaforth, NSW 2092 (AU). **WILLIAMS, Keith, Leslie** [AU/AU]; 23 Nandi Street, Frenchs Forest, NSW 2086 (AU). **SLADE, Martin, Basil** [AU/AU]; 40 Conrad Street, North Ryde, NSW 2113 (AU). **VEAL, Duncan** [GB/AU]; 70 Finlay Raod, Turramurra, NSW 2074 (AU).
- (74) **F.B. RICE & CO.**; 605 Darling 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52975** (13) A1
 (21) PCT/DE98/01409
- (22) **22 May/mai 1998 (22.05.1998)**
 (25) de (26) de
 (31) 197 21 700.1 (32) **23 May/mai 1997 (23.05.1997)** (33) DE
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **C07K 16/28, A61K 39/395, G01N 33/574**
- (54) ● MUTATED OKT3 ANTIBODY
 ● ANTICORPS OKT3 AYANT SUBI UNE MUTATION
- (71) **DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES ÖFFENTLICHEN RECHTS** [DE/DE]; Im Neuenheimer Feld 280, D-69120 Heidelberg (DE).
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- (72, 75) **LITTLE, Melvyn** [GB/DE]; Fritz-von-Briesen-Strasse 10, D-69151 Neckargemünd (DE). **KIPRIYANOV, Sergey** [RU/DE]; Furtwänglerstrasse 3, D-69121 Heidelberg (DE). **MÖLDENHAUER, Gerhard** [DE/DE]; Brückenstrasse 41, D-69120 Heidelberg (DE).
- (74) **HUBER, Bernard**; Huber & Schüßler, Truderinger Strasse 246, D-81825 München (DE).

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

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- (11) **WO 98/52976** (13) A1
 (21) PCT/GB98/01473
 (22) **21 May/mai 1998 (21.05.1998)**
 (25) en (26) en
 (31) 9710480.6 (32) **21 May/mai 1997 (21.05.1997)** (33) GB
 (31) 9716197.0 (32) **31 Jul/juili 1997 (31.07.1997)** (33) GB
 (31) 9725270.4 (32) **28 Nov/nov 1997 (28.11.1997)** (33) GB
 (31) 60/067,235 (32) **2 Dec/déc 1997 (02.12.1997)** (33) US
 (31) 9807751.4 (32) **14 Apr/avr 1998 (14.04.1998)** (33) GB
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **C07K 16/46, 14/315, G01N 33/563, A61K 39/395**
 (54) ● METHOD FOR THE PRODUCTION OF NON-IMMUNOGENIC PROTEINS
 ● PROCEDE DE PRODUCTION DE PROTEINES NON IMMUNOGENES
 (71) **BIOVATION LIMITED** [GB/GB]; Investment House, 6 Union Row, Aberdeen AB10 1DQ (GB).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **CARR, Francis, Joseph** [GB/GB]; Birchlea, The Holdings, Balmedie, Aberdeenshire AB23 8XU (GB).
 (74) **SHEARD, Andrew, Gregory** et al. / etc.; Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ (GB).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52977** (13) A1
 (21) PCT/NL98/00282
 (22) **18 May/mai 1998 (18.05.1998)**
 (25) en (26) en
 (31) 1006124 (32) **23 May/mai 1997 (23.05.1997)** (33) NL
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **C08F 4/60, 10/00, C07F 17/00**
 (54) ● PROCESS FOR THE POLYMERIZATION OF α -OLEFINS
 ● PROCEDE DE POLYMERISATION D' α -OLEFINES
 (71) **DSM N.V.** [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **GRUTER, Gerardus, Johannes, Maria** [NL/NL]; Ravelijnstraat 23, NL-6217 LW Maas-tricht (NL). **STEFFAN, Uwe, Helmut, Heinz** [DE/DE]; Alkuinstrasse 41, D-52070 Aachen (DE).

(74) **SCHELTUS, Irma**; Octrooibureau DSM, P.O. Box 9, NL-6160 MA Geleen (NL).

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

(11) **WO 98/52978** (13) A1

(21) PCT/US98/01842

(22) **30 Jan/jan 1998 (30.01.1998)**

(25) en (26) en

(31) 60/047,504 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C08F 6/02, 6/00**

(54) ● SOLID STATE DEVOLATILIZATION OF SYNDIOTACTIC VINYL AROMATIC POLYMERS WITH CATALYST DEACTIVATION

● DEGAGEMENT DES MATIERES VOLATILES EN PHASE SOLIDE DE POLYMERES SYNDIOTACTIQUES AVEC NEUTRALISATION CATALYTIQUE

(71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).

(72) **BILLOVITS, Gerald, F.**; 4702 Congress Street, Midland, MI 48642 (US). **TIPLER, Scott, A.**; 3603 Oakbrook Drive, Midland, MI 48642 (US).

(74) **ZETTLER, Lynn, M.**; 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/52979** (13) A1

(21) PCT/US98/09158

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 08/862,188 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(31) 08/911,942 (32) **20 Aug/août 1997 (20.08.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C08F 8/00, A61L 15/00**

(54) ● POLYACRYLATE SUPERABSORBENT POST-POLYMERIZATION NEUTRALIZED WITH SOLID, NON-HYDROXYL NEUTRALIZING AGENT

● MATERIAU SUPERABSORBANT DE POLYACRYLATE NEUTRALISE APRES POLYMERISATION AVEC UN AGENT NEUTRALISANT SOLIDE, NON HYDROXY

(71) **AMCOL INTERNATIONAL CORPORATION** [US/US]; One North Arlington, 1500 West Shure Drive, Arlington Heights, IL 60004 (US).

(72) **CARRICO, Peter, W.**; 927 Bellevue Avenue, Elgin, IL 60120 (US). **NATHAN, Bala, V.**; 2219 Hiram Court, Wheaton, IL 60187 (US).

(74) **NAPOLI, James, J.**; Marshall, O'Toole, Gerstein, Murray & Borun, Suite 6300, 233 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52980** (13) A1

(21) PCT/US98/10314

(22) **21 May/mai 1998 (21.05.1998)**

(25) en (26) en

(31) 60/047,324 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C08F 8/30, C08G 81/02, C09D 133/14**

(54) ● PROCESS FOR PREPARING REACTIVE LATEX BLENDS WHICH ARE CHEMICALLY AND PHYSICALLY STABLE UNTIL FILM FORMATION

● PROCEDE DE PREPARATION DE MELANGES DE LATEX CHIMIQUEMENT ET PHYSIQUEMENT STABLES JUSQU'A LA FORMATION DE FILMS

(71) **EASTMAN CHEMICAL COMPANY** [US/US]; Building 75, 100 North Eastman Road, Kingsport, TN 37660-5075 (US).

(72) **COLLINS, Martha, Jean**; 228 Southridge Drive, Blountville, TN 37617 (US). **TAYLOR, James, Wayne**; 6067 Morningside Court, Gumee, IL 60031 (US). **MURRAY, David, Logan**; 499 Painter Road, Fall Branch, TN 37656 (US).

(74) **LINDEMAN, Jeffrey, A.** et al. / etc.; Morgan, Lewis & Bockius LLP, 1800 M Street, N.W., Washington, DC 20036 (US).

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

(11) **WO 98/52981** (13) A1

(21) PCT/US97/08937

(22) **19 May/mai 1997 (19.05.1997)**

(25) en (26) en

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C08F 8/42**

(54) ● PROCESS FOR PRODUCING IONOMERS EMPLOYING ETHYLENE TERPOLYMERS

● PROCEDE DE PRODUCTION D'IONOMERES AU MOYEN DE TERPOLYMERES D'ETHYLENE

(71) **CHEVRON CHEMICAL COMPANY** [US/US]; 6001 Bollinger Canyon Road, San Ramon, CA 94583-0947 (US).

(72) **CURRENT, Steven, P.**; 1207 Ridgeview Heights, Novato, CA 94947 (US). **THEARD, Leslie, P.**; 10070 Westpark #1003, Houston, TX 77042 (US).

(74) **HAYMOND, W., Bradley** et al. / etc.; Chevron Corporation, Law Dept., P.O. Box 7141, San Francisco, CA 94120-7141 (US).

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

- (11) **WO 98/52982** (13) A1
 (21) PCT/US98/10253
 (22) **19 May/mai 1998 (19.05.1998)**
 (25) en (26) en
 (31) 08/858,951 (32) **20 May/mai 1997 (20.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **C08F 210/16, 2/34**
 (54) ● A PROCESS FOR PREPARING AN IN SITU POLYETHYLENE BLEND
 ● PROCEDE DE PREPARATION D'UN MELANGE DE POLYETHYLENE IN SITU
 (71) **UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION** [US/US]; 39 Old Ridgebury Road, Danbury, CT 06817-0001 (US).
- (72) **KUPPERBLATT, Sandra, Ann**; 8 Richard Drive, Flanders, NJ 07836 (US). **EALER, George, Edward**; 10 Lake Drive, Whitehouse Station, NJ 08889 (US). **TILSTON, Michael, William**; 2285 South Walnut Drive, St. Albans, WV 25177 (US).
- (74) **JOHNSON WIGGINS, Karen**; Union Carbide Chemicals & Plastics Technology Corporation, 39 Old Ridgebury Road, Danbury, CT 06817-0001 (US).
- (81) AU BR CA JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/52983** (13) A1
 (21) PCT/JP98/02128
 (22) **14 May/mai 1998 (14.05.1998)**
 (25) ja (26) ja
 (31) 9/129451 (32) **20 May/mai 1997 (20.05.1997)** (33) JP
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **C08F 246/00, 20/22, 22/10, C08L 101/04, 33/14, 35/00, C09K 3/00, 3/18, D06M 15/00**
 (54) ● NOVEL POLYMER AND ANTIFOULING AGENT COMPOSITION CONTAINING THE SAME
 ● NOUVEAU POLYMER ET COMPOSITION D'AGENT ANTIFOULING LE CONTENANT
 (71) **DAIKIN INDUSTRIES LTD.** [JP/JP]; Umeda Center Building, 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-0015 (JP).
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 (72, 75) **YAMANA, Masayuki** [JP/JP]; Yodogawa Works of Daikin Industries Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-0044 (JP). **YAMAMOTO, Ikuo** [JP/JP]; Yodogawa Works of Daikin Industries Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-0044 (JP). **OTSUKI, Norihito** [JP/JP]; Yodogawa Works of Daikin Industries Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-0044 (JP). **FUKUDA, Teruyuki** [JP/JP]; Yodogawa Works of Daikin Industries Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-0044 (JP).
 (74) **AOYAMA, Tamotsu et al.** / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).
 (81) CA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/52984** (13) A1
 (21) PCT/EP98/02825
 (22) **13 May/mai 1998 (13.05.1998)**
 (25) de (26) de
 (31) 197 21 400.2 (32) **22 May/mai 1997 (22.05.1997)** (33) DE
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **C08F 279/02, 297/04, 212/04, 236/10**
 (54) ● METHOD FOR PRODUCING DIENE POLYMER SOLUTIONS IN VINYL AROMATIC MONOMERS
 ● PROCEDE DE PREPARATION DE SOLUTIONS DE POLYMERISATS DIENIQUES DANS DES MONOMERES VINYLAROMATIQUES
 (71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).
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 (72, 75) **FISCHER, Wolfgang** [DE/DE]; Haydnstrasse 17, D-69190 Walldorf (DE). **GAUSEPOHL, Hermann** [DE/DE]; Medardusring 74, D-67112 Mutterstadt (DE). **LÄTSCH, Stefan** [DE/DE]; Goethestrasse 2, D-67098 Bad Dürkheim (DE). **SCHADE, Christian** [DE/DE]; Lisztstrasse 42, D-67061 Ludwigshafen (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 CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/52985** (13) A1
 (21) PCT/US98/06416
 (22) **31 Mar/mar 1998 (31.03.1998)**
 (25) en (26) en
 (31) 08/862,223 (32) **23 May/mai 1997 (23.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **C08F 279/02 // (C08F 279/02, 212:08)**
 (54) ● IN SITU PROCESS FOR MAKING A BIMODAL HIPS HAVING BOTH HIGH GLOSS AND HIGH IMPACT STRENGTH
 ● PROCEDE DE FABRICATION *IN SITU* DE POLYSTYRENE BIMODAL A HAUTE RESILIENCE ET BRILLANCE ELEVEE
 (71) **CHEVRON CHEMICAL COMPANY LLC** [US/US]; 555 Market Street, San Francisco, CA 94105 (US).
 (72) **BOWEN, Kenneth, E.**; Route 2, Box 364A, Belpre, OH 45714 (US). **HANNER, Michael, J.**; Route 3, Box 423, Marietta, OH 45750 (US).
 (74) **DeJONGHE, Thomas, G. et al.** / etc.; Chevron Corporation, Law Dept., P.O. Box 7141, San Francisco, CA 94120-7141 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/52986** (13) A1
 (21) PCT/EP98/03019
 (22) **19 May/mai 1998 (19.05.1998)**
 (25) en (26) en
 (31) 60/047,522 (32) **23 May/mai 1997 (23.05.1997)** (33) US
 (31) 60/047,521 (32) **23 May/mai 1997 (23.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **C08G 18/62**
 (54) ● POLYURETHANE FOAMS
 ● MOUSSES DE POLYURETHANE
 (71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).
 (72) **ST. CLAIR, David, John**; 13831 Queensbury, Houston, TX 77079 (US). **HERNANDEZ, Hector**; 5407 Krisdale Court, Houston, TX 77084 (US).
 (81) BR CA CN JP KR MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/52987** (13) A1
 (21) PCT/EP98/03020
 (22) **19 May/mai 1998 (19.05.1998)**
 (25) en (26) en
 (31) 60/047,520 (32) **23 May/mai 1997 (23.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **C08G 18/62, 18/73, 18/75**
 (54) ● POLYURETHANE FOAMS
 ● MOUSSES DE POLYURETHANE
 (71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).
 (72) **ST. CLAIR, David, John**; 13831 Queensbury, Houston, TX 77079 (US). **HERNANDEZ, Hector**; 5407 Krisdale Court, Houston, TX 77084 (US).
 (81) BR CA CN JP KR MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/52988** (13) A1
 (21) PCT/US98/09354
 (22) **7 May/mai 1998 (07.05.1998)**
 (25) en (26) en
 (31) 9710772.6 (32) **23 May/mai 1997 (23.05.1997)** (33) GB
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **C08G 18/63**
 (54) ● POLYMER POLYOL COMPOSITIONS HAVING GRAFTED UNSATURATED ACID SALT AND THEIR USE IN THE PREPARATION OF POLYURETHANE FOAMS
 ● COMPOSITIONS DE POLYOL POLYMERES COMPORTANT UN SEL D'ACIDE INSATURÉ GREFFÉ ET UTILISATION DE CES COMPOSITIONS POUR PREPARER DES MOUSSES DE POLYURETHANE
 (71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).
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- (72, 75) **GODOY, Jose** [CH/CH]; 38, boulevard de Saint Georges, CH-1205 Geneva (CH). **PHAN THANH, Huy** [CH/CH]; 24, La Levratte, CH-1260 Nyon (CH). **CASATI, François, M.** [FR/FR]; 3, Residence Rousseau, F-01280 Prévessin-Moëns (FR).
- (74) **RUHR, Paula, Sanders**; 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52989** (13) A2
(21) PCT/EP98/03021
(22) **19 May/mai 1998 (19.05.1998)**
(25) en (26) en
(31) 60/047,551 (32) **23 May/mai 1997 (23.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **C08G 18/80, 18/62, 18/28**
(54) ● POLYURETHANE COMPOSITIONS MADE FROM HYDROXY-TERMINATED POLYDIENE POLYMERS
● COMPOSITIONS DE POLYURETHANNE REALISEES A PARTIR DE POLYMERES DE POLYDIENE A TERMINAISON HYDROXY
(71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).
(72) **ST. CLAIR, David, John**; 13831 Queensbury, Houston, TX 77079 (US).
(81) BR CA CN JP KR MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/52990** (13) A1
(21) PCT/US98/10197
(22) **19 May/mai 1998 (19.05.1998)**
(25) en (26) en
(31) 08/859,403 (32) **20 May/mai 1997 (20.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **C08G 69/26, 73/10, G02F 1/13, 1/137, C09K 19/00, B32B 27/00**
(54) ● FLUORINATED AMINE PRODUCTS
● PRODUITS FLUORES A BASE D'AMINES
(71) **ALLIANT TECHSYSTEMS INC.** [US/US]; 600 Second Street, Hopkins, MN 55343-8384 (US).
(72) **GIBBONS, Wayne, M.**; 15 Yosemite Drive, Bear, DE 19701 (US). **SHANNON, Paul, J.**; 503 Balderston Drive, Exton, PA 19341 (US). **SUN, Shao-Tang**; 27 West Periwinkle Drive, Newark, DE 19711 (US).
(74) **HUNTLEY, Donald, W.**; Huntley & Associates, 1105 North Market Street, P.O. Box 948, Wilmington, DE 19899-0948 (US).
(81) JP KR.

- (11) **WO 98/52991** (13) A1
(21) PCT/US98/05445
(22) **23 Mar/mar 1998 (23.03.1998)**
(25) en (26) en
(31) 08/862,355 (32) **23 May/mai 1997 (23.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **C08G 69/42**
(54) ● POLYMER-BOUND NON-HALOGEN FIRE RESISTANT COMPOSITIONS
● COMPOSITIONS DIFFICILEMENT INFLAMMABLES NON HALOGENES LIEES A UN POLYMERE
(71) **SOLUTION INC.** [US/US]; 10300 Olive Boulevard, St. Louis, MO 63166 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **ASRAR, Jawed** [US/US]; 14949 Royal Brook, Chesterfield, MO 63017 (US).
(74) **GOLDEN, Matthew, J.**; Fitzpatrick, Cella, Harper & Scinto, 30 Rockefeller Plaza, New York, NY 10112-3801 (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 GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/52992** (13) A1
(21) PCT/EP98/02728
(22) **11 May/mai 1998 (11.05.1998)**
(25) de (26) de
(31) 197 21 626.9 (32) **23 May/mai 1997 (23.05.1997)** (33) DE
(31) 198 07 634.7 (32) **23 Feb/fév 1998 (23.02.1998)** (33) DE
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **C08G 77/48, 77/50, 83/00, C09D 183/14**
(54) ● ORGANOSILANE OLIGOMERS
● OLIGOMERES OBTENUS A PARTIR D'ORGANOSILANES
(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **MAGER, Michael** [DE/DE]; Grunewaldstrasse 12, D-51375 Leverkusen (DE). **EICKMANS, Johannes** [NL/DE]; Robert-Koch-Strasse 3, D-42781 Krefeld (DE). **BELLINGHAUSEN, Rainer** [DE/DE]; Ahornstrasse 12, D-29629 Bomlitz (DE). **TAVERNIER, Serge** [BE/BE]; Bouwenstraat 40, B-2547 Lint (BE). **VOETS, Raf** [BE/BE]; Rijkshoekstraat 4, B-3191 Hever (BE).

- (74) **BAYER AKTIENGESELLSCHAFT**; KB-RP, Patente und Lizenzen, 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52993** (13) A1
(21) PCT/CN98/00072
(22) **14 May/mai 1998 (14.05.1998)**
(25) zh (26) zh
(31) 97 1 12073.0 (32) **19 May/mai 1997 (19.05.1997)** (33) CN
(31) 97 1 12075.7 (32) **19 May/mai 1997 (19.05.1997)** (33) CN
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **C08G 79/08**
(54) ● BORON-CONTAINING POLYMER MATERIAL HAVING PROTECTIVE FUNCTIONAL STRUCTURE AND ITS PREPARATION
● MATIERE POLYMERE CONTENANT DU BORE PRESENTANT UNE STRUCTURE FONCTIONNELLE DE PROTECTION ET SA PREPARATION
(71) **SHENZHEN HOUSE SAFETY INVESTMENT CO., LTD.** [CN/CN]; 3rd floor, No.4 Qingqingxin-cun, 1024 Honggui Road, Luohu District, Shenzhen, Guangdong Province 518008 (CN).
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(72, 75) **ZHOU, Shenggang** [CN/CN]; Room 203, No.11 Guanyueshanzhuang, Xiqu(San Zao), Zhuhai, Guangdong Province 519040 (CN).
(74) **NTD PATENT & TRADEMARK AGENCY LTD. BEIJING OFFICE**; 10th floor, 6 Beisanhuanzhonglu Road, Dewai, Beijing 100011 (CN).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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

- (11) **WO 98/52994** (13) A1
(21) PCT/US98/10452
(22) **20 May/mai 1998 (20.05.1998)**
(25) en (26) en
(31) 08/862,630 (32) **23 May/mai 1997 (23.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **C08G 81/02**
(54) ● GRAFT COPOLYMERS CONTAINING IONOMER UNITS
● COPOLYMERES GREFFES CONTENANT DES UNITES D'IONOMERES
(71) **EXXON RESEARCH AND ENGINEERING COMPANY** [US/US]; 180 Park Avenue, P.O. Box 390, Florham Park, NJ 07932-0390 (US).
(72) **PEIFFER, Dennis, G.**; 33 John Drive, Annandale, NJ 08801 (US). **WANG, Hsien-Chang**; 536 College Street, Bellaire, TX 77401 (US). **WRIGHT, Pamela, J.**; 910 Meco Road, Easton, PA 18040 (US). **SISSANO, Joseph, A.**; 45 Burlington Avenue, Leonardo, NJ 07737 (US). **FETTERS, Lewis, J.**; 8 Bedford Court, Annandale, NJ 08801 (US). **WHEELER, Louise, M.**; 24 Holmes Oval, New Providence, NJ 07974 (US). **RUCKER, Rebecca, L.**; 5 Fawn Lane, Warren, NJ 07059 (US).
(74) **PURWIN, Paul, E.** et al. / etc.; Exxon Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

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

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(21) PCT/NL98/00284

(22) **18 May/mai 1998 (18.05.1998)**

(25) en (26) en

(31) 1006097 (32) **21 May/mai 1997 (21.05.1997)** (33) NL

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C08G 83/00, 18/73, 18/75, 18/22, 18/32**

(54) ● METHOD FOR THE PRODUCTION OF A BRANCHED MACROMOLECULE, THE BRANCHED MACROMOLECULE AND USES THEREOF

● PROCEDE SERVANT A PREPARER UNE MACROMOLECULE A CHAINE RAMIFIEE, MACROMOLECULE A CHAINE RAMIFIEE ET SES UTILISATIONS

(71) **DSM N.V.** [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).
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(72, 75) **VAN BENTHEM, Rudolfus, Antonius, Theodorus, Maria** [NL/NL]; Sportlaan 9, NL-6141 BR Sittard (NL). **JANSEN, Johan, Franz, Gradus, Antonius** [DE/NL]; Marisstraat 11, NL-6165 AP Geleen (NL). **STANSSENS, Dirk, Armand, Wim** [BE/BE]; De Huttestraat 93, B-3530 Houthalen (BE).

(74) **MOOIJ, Johannes, Jacobus**; Octroobureau DSM, P.O. Box 9, NL-6160 MA Geleen (NL).

(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 MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52996** (13) A1

(21) PCT/US97/05445

(22) **20 May/mai 1997 (20.05.1997)**

(25) en (26) en

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C08J 3/22 // C08L 27:06**

(54) ● IMPROVED COMPOSITION AND METHOD FOR EXTRUDING PLASTIC ARTICLES HAVING ACCENT COLOR PATTERN

● COMPOSITION ET PROCEDE POUR L'EXTRUSION D'ARTICLES EN PLASTIQUE PRESENTANT UN MOTIF COLORE D'ACCENTUATION

(71) **M.A. HANNACOLOR** [US/US]; 800 Satellite Boulevard, Suwanee, GA 30174 (US).

(72) **DORCHESTER, John, J.**; 250 Spring Brook, Mansfield, TX 76063 (US). **SMITH, Bobby, D.**; Apartment #911, 4905 Silber Road, Arlington, TX 76107 (US). **HARRIS, Ronald, M.**; 535 Oak Landing Drive, Alpharetta, GA 30202 (US).

(74) **ARNDT, Barbara, E.** et al. / etc.; Jones, Day, Reavis & Pogue, North Point, 901 Lakeside 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 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); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/52997** (13) A1

(21) PCT/US98/10331

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 60/047,273 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(31) 60/079,205 (32) **24 Mar/mar 1998 (24.03.1998)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C08J 9/00, 9/32**

(54) ● EPOXY-CONTAINING FOAMING COMPOSITIONS AND USE THEREOF

● COMPOSITIONS EN MOUSSE CONTENANT UN EPOXY ET LEURS UTILISATIONS

(71) **ORBSEAL LLC** [US/US]; 201 E. Highway 10, Richmond, MO 64085 (US).

(71, 72) **PACHL, Jeffrey, T.** [US/US]; 15214 N.E. 188th Street, Holt, MO 64048 (US). **TAYLOR, Donald** [US/US]; 1129 Camelot Hills, Liberty, MO 64069 (US).

(74) **BOYER, Michael, Kevin**; Orscheln Management Co., 2000 US Highway 63 South, Moberly, MO 65270 (US).

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

(11) **WO 98/52998** (13) A1

(21) PCT/EP98/02705

(22) **8 May/mai 1998 (08.05.1998)**

(25) de (26) de

(31) 197 21 220.4 (32) **21 May/mai 1997 (21.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C08J 9/14, C08L 75/04**

(54) ● METHOD FOR PRODUCING SOFT TO MEDIUM-HARD STRUCTURAL POLYURETHANE FOAMS

● PROCEDE DE PRODUCTION DE MOUSSES STRUCTUREES DE POLYURETHANE MOLLES A MI-DURES

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

(72, 75) **EISEN, Norbert** [DE/DE]; Ulmenallee 59a, D-50999 Köln (DE). **AVAR, Geza** [DE/DE]; Hermann-von-Helmholtz-Strasse 26, D-51373 Leverkusen (DE). **HAAS, Peter** [DE/DE]; Zwengenberger Strasse 43, D-42781 Haan (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/52999** (13) A1

(21) PCT/US98/10165

(22) **18 May/mai 1998 (18.05.1998)**

(25) en (26) en

(31) 08/861,040 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C08K 3/00, 5/00, 7/00, B29D 7/00**

(54) ● SUSPENDING ACCENT PARTICLES IN AN ACRYLIC MATRIX

● SUSPENSION DE PARTICULES SERVANT A CONFERER UN ASPECT DANS UNE MATRICE ACRYLIQUE

(71) **ARISTECH ACRYLICS LLC** [US/US]; 7350 Empire Drive, Florence, KY 41042 (US).

(72) **MINGHETTI, Ettore**; 8739 Heritage Drive, Florence, KY 41042 (US).

(74) **GAVLIK, Robert, R.**; Aristech Chemical Corporation, Law Dept., Room 1185, USX Building, 600 Grant Street, Pittsburgh, PA 15219-2704 (US).

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

(11) **WO 98/53000** (13) A1

(21) PCT/US98/10059

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 08/859,343 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C08K 3/34**

(54) ● RUBBER TOUGHENED THERMOPLASTIC RESIN NANO COMPOSITES

● NANOCOMPOSITES DE RESINE THERMOPLASTIQUE RENFORCES EN CAOUT-CHOU

(71) **EXXON CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520-5200 (US).

(72) **LI, Dongming**; 63 Broadmoor Trail, Fairport, NY 14450 (US). **PEIFFER, Dennis, G.**; 33 John Drive, Annandale, NJ 08801 (US). **ELSPASS, Chester, W.**; 496 Franklin Street, Alpha, NJ 08865 (US). **WANG, Hsien-Chang**; 536 College, Bellaire, TX 77401 (US).

(74) **PEEBLES, Brent, M.**; Exxon Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US) et al. / etc.

(81) AT BR CA CN CZ HU JP KR MX PL; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/53001** (13) A1
 (21) PCT/US98/10098
 (22) **18 May/mai 1998 (18.05.1998)**
 (25) en (26) en
 (31) 08/859,094 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C08K 5/17, C08L 61/34, C08G 14/08**

- (54) ● UREA-EXTENDED PHENOL-FORMALDEHYDE RESIN STABILIZED WITH ALKANOLAMINES AND MONOSACCHARIDES OR DISACCHARIDES
 ● RESINE PHENOL-FORMALDEHYDE ALLONGEE A L'UREE, STABILISEE PAR DES ALCANOLAMINES ET DES MONOSACCHARIDES OU DISACCHARIDES
 (71) **GEORGIA-PACIFIC RESINS, INC.** [US/US]; 133 Peachtree Street, N.E., Atlanta, GA 30348 (US).

(72) **PARKS, Claude, Phillip**; 4540 79th Avenue, S.W., Olympia, WA 98512 (US).

(74) **WOLFFE, Susan, A.** et al. / etc.; Banner & Witcoff, Ltd., Eleventh 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53002** (13) A1

(21) PCT/EP98/02730

(22) **11 May/mai 1998 (11.05.1998)**

(25) de (26) de

(31) 197 21 628.5 (32) **23 May/mai 1997 (23.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C08K 5/49, C08L 69/00**

- (54) ● FLAME-RESISTANT POLYCARBONATE MOULDING MATERIALS WHICH ARE DIMENSIONALLY STABLE AT HIGH TEMPERATURES AND HAVE HIGH FLOW LINE STRENGTH
 ● MATERIAUX A MOULER CONTENANT DU POLYCARBONATE ININFLAMMABLES, DIMENSIONNELLEMENT STABLE AUX TEMPERATURES ELEVEES ET D'UNE GRANDE RESISTANCE DE LIGNE DE COULEE

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

(72, 75) **ECKEL, Thomas** [DE/DE]; Pfauenstrasse 51, D-41540 Dormagen (DE). **BÖDIGER, Michael** [DE/DE]; Bahnhofstrasse 41, D-41539 Dormagen (DE). **WITTMANN, Dieter** [DE/DE]; Ernst-Ludwig-Kirchner-Strasse 41, D-51375 Leverkusen (DE). **ALBERTS, Heinrich** [DE/DE]; Schulstrasse 1a, D-51519 Odenthal (DE). **HORN, Klaus** [DE/DE]; Bahnhofstrasse 13, D-41539 Dormagen (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/53003** (13) A1

(21) PCT/JP97/03478

(22) **29 Sep/sep 1997 (29.09.1997)**

(25) ja (26) ja

(31) 9/130611 (32) **21 May/mai 1997 (21.05.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C08K 9/02, 3/36, C08L 21/00**

- (54) ● RUBBER COMPOSITION
 ● COMPOSITION DE CAOUTCHOUC

(71) **OTSUKA CHEMICAL CO., LTD.** [JP/JP]; 2-27, Otedori 3-chome, Chuo-ku, Osaka-shi, Osaka 540 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAREYAMA, Yukiya** [JP/JP]; 7-79, Fukushima 1-chome, Tokushima-shi, Tokushima 770 (JP). **OGAWA, Hidetoshi** [JP/JP]; 4-5, Azahigashi, Maebaracho, Komatsushima-shi, Tokushima 773 (JP).

(74) **METSUGI, Makoto** et al. / etc.; Nishimura Building, 6-5, Tanimachi 1-chome, Chuo-ku, Osaka-shi, Osaka 540 (JP).

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

(11) **WO 98/53004** (13) A1

(21) PCT/CA98/00499

(22) **21 May/mai 1998 (21.05.1998)**

(25) en (26) en

(31) 2,205,789 (32) **22 May/mai 1997 (22.05.1997)** (33) CA

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C08K 9/06, C08J 3/22, C08L 21/00**

- (54) ● PROCESS FOR HYDROPHOBICIZING PARTICLES, AND THEIR USE AS FILLERS IN POLYMER MASTERBATCHES
 ● PROCEDE PERMETTANT DE RENDRE DES PARTICULES HYDROPHOBES, ET UTILISATION DESDITES PARTICULES COMME CHARGES DANS DES MELANGES MATTRES DE POLYMERES

(71) **BAYER INC.** [CA/CA]; 1265 Vidal Street South, P.O. Box 3001, Sarnia, Ontario N7T 7M2 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOSKI, Ahti** [CA/CA]; 1876 Brigden Road, R.R. #1, Wilkesport, Ontario N0P 2R0 (CA).

(74) **NASSIF, Omar, A.** et al. / etc.; Gowling, Strathy & Henderson, Suite 4900, Commerce Court West, Toronto, Ontario M5L 1J3 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53005** (13) A1

(21) PCT/US98/10149

(22) **18 May/mai 1998 (18.05.1998)**

(25) en (26) en

(31) 08/859,507 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(31) 09/038,592 (32) **11 Mar/mar 1998 (11.03.1998)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C08L 27/24, C08F 8/22**

- (54) ● CHLORINATED POLYVINYL CHLORIDE COMPOUND HAVING EXCELLENT PHYSICAL, CHEMICAL RESISTANCE AND PROCESSING PROPERTIES
 ● COMPOSES DE CHLORURE DE POLYVINYLE CHLORE AYANT UNE EXCELLENTE RESISTANCE PHYSIQUE ET CHIMIQUE ET D'EXCELLENTE PROPRIETES DE TRAITEMENT

(71) **THE B.F. GOODRICH COMPANY** [US/US]; 4020 Kinross Lakes Parkway, Richfield, OH 44286-9368 (US).

(72) **BACKMAN, Arthur, Leonard**; 8361 Whitewood Road, Brecksville, OH 44141 (US). **CINADR, Bernard, Frank**; 8312 Whitewood Road, Brecksville, OH 44141 (US).

(74) **TUCKER, Mary, Ann** et al. / etc.; The B.F. Goodrich Company, 9921 Brecksville Road, Brecksville, OH 44141-3289 (US).

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

(11) **WO 98/53006** (13) A1

(21) PCT/US98/09474

(22) **9 May/mai 1998 (09.05.1998)**

(25) en (26) en

(31) 08/862,806 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C08L 33/06, C09D 133/06, D04H 1/64, A61F 13/15, 15/00**

- (54) ● ION SENSITIVE BINDER FOR FIBROUS MATERIALS
 ● LIANT REAGISSANT AUX IONS POUR MATERIAUX FIBREUX

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

(72) **MUMICK, Pavneet, Singh**; Apartment 5, 1514 Schaefer Circle, Appleton, WI 54915 (US). **POMPLUN, William, Seal**; 1873 Brookfield Drive, Neenah, WI 54956 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53007** (13) A1

(21) PCT/NO98/00152

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 972355 (32) **22 May/mai 1997 (22.05.1997)** (33) NO

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C08L 33/26, 39/00, C09K 7/00**

(54) ● COMPOSITION FOR CONTROLLING CLATHRATE HYDRATES AND A METHOD FOR CONTROLLING CLATHRATE HYDRATE FORMATION

● COMPOSITION ET PROCEDE SERVANT A LUTTER CONTRE LA FORMATION D'HYDRATES DE CLATHRATE

(71) **RF-PROCOM A/S** [NO/NO]; P.O. Box 2503 Ullandhaug, N-4004 Stavanger (NO). **NIPPON SHOKUBAI CO., LTD.** [JP/JP]; 1-1, Koraihashi 4-chome, Chuo-ku, Osaka-shi, Osaka 541 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KELLAND, Malcolm, Andrew** [GB/NO]; Grotnes Allé 8d, N-4052 Røyneberg (NO). **RODGER, P., Mark** [GB/GB]; 6 St. Rumbold's Road, Wallingford OX10 0DL (GB). **NAMBA, Takashi** [JP/JP]; Nippon Shokubai Co. Ltd., 5-8, Nishi Otabi-cho, Suita, Osaka 564 (JP).

(74) **GÖRBITZ, Johan, H.**; 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/53008** (13) A1

(21) PCT/US98/10320

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 60/047,290 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(31) 60/079,204 (32) **24 Mar/mar 1998 (24.03.1998)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C08L 63/00, C08G 59/24**

(54) ● CURABLE SEALANT COMPOSITION

● COMPOSITION DE MASTIC DURCISSABLE

(71) **DENOVUS L.L.C.** [US/US]; Orscheln Management Co., 2000 U.S. Highway 63 South, Moberly, MO 65270 (US).

(72) **PACHL, Jeffrey, T.**; 15214 N.E. 188th Street, Holt, MO 64048 (US). **TAYLOR, Donald**; 1129 Camelot Hills, Liberty, MO 64069 (US). **SCRIVENS, Todd, W.**; 107 Garner Street #3, Lawson, MO 64062 (US).

(74) **BOYER, Michael, Kevin**; Orscheln Management Co., 2000 U.S. Highway 63 South, Moberly, MO 65270 (US).

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

(11) **WO 98/53009** (13) A1

(21) PCT/IB98/00788

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 9710611.6 (32) **23 May/mai 1997 (23.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C09B 62/25, C09D 11/02**

(54) ● FIBER-REACTIVE DISAZO DYESTUFFS

● PRODUITS TINCTORIAUX DISAZO FIBRO-REACTIFS

(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) **KALWEIT, Detlef** [DE/DE]; Friedrich-Neff-Strasse 19, Tümmingen, D-79539 Lörrach (DE).

(74) **D'HAEMER, Jan** et al. / etc.; Clariant International Ltd., Rothausstrasse 61, CH-4132 MuttENZ (CH).

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

Published / Publiée : (a)

(11) **WO 98/53010** (13) A1

(21) PCT/EP97/02650

(22) **23 May/mai 1997 (23.05.1997)**

(25) de (26) de

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C09C 1/00, C01G 23/00, C09D 7/12, 11/00, A61K 7/00, C08K 3/00, C04B 33/14, C03C 4/02**

(54) ● METAL OXIDE COATED TITANIUM DIOXIDE LAMELLAS

● PAILLETES DE DIOXYDE DE TITANE REVETUES D'OXYDE METALLIQUE

(71) **MERCK PATENT GMBH** [DE/DE]; Postfach, D-64271 Darmstadt (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANDES, Stephanie** [DE/DE]; Klosterhofstrasse 25, D-63477 Maintal 3 (DE). **BAUER, Gerd** [DE/DE]; Barbarastrasse 12b, D-63801 Kleinostheim (DE). **BRENNER, Günter** [DE/DE]; Jahnstrasse 37a, D-64347 Griesheim (DE).

BRÜCKNER, Dieter [DE/DE]; Siemensstrasse 10, D-64289 Darmstadt (DE). **SCHMELZ, Michael** [DE/DE]; Königsberger Strasse 51, D-65830 Krieffel (DE). **HEYLAND, Andrea** [DE/DE]; Talstrasse 25, D-64385 Ober-Kainsbach (DE). **KUNTZ, Matthias** [DE/DE]; Im Berggarten 16, D-64342 Seeheim (DE). **OSTERRIED, Karl** [DE/DE]; Messeler Weg 206, D-64807 Dieburg (DE). **PFAFF, Gerhard** [DE/DE]; Trautenaue Strasse 41, D-64839 Münster (DE).

(74) **MERCK PATENT GMBH**; Postfach, D-64271 Darmstadt (DE).

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

(11) **WO 98/53011** (13) A1

(21) PCT/EP97/02651

(22) **23 May/mai 1997 (23.05.1997)**

(25) de (26) de

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C09C 1/00, C09D 7/12, 11/00, C08K 3/00, A61K 7/00, C04B 33/14, C03C 4/02**

(54) ● MULTI-COATED INTERFERENCE PIGMENTS

● PIGMENTS DE POLARISATION MULTICOUCHES

(71) **MERCK PATENT GMBH** [DE/DE]; Postfach, D-64271 Darmstadt (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRÜCKNER, Hans-Dieter** [DE/DE]; Siemensstrasse 10, D-64289 Darmstadt (DE). **HEYLAND, Andrea** [DE/DE]; Talstrasse 25, D-64385 Reichelsheim (DE). **SCHMIDT, Christoph** [DE/DE]; Taunusstrasse 35 A, D-65830 Krieffel (DE). **SCHANK, Christina** [DE/DE]; Justus-von-Liebig-Strasse 3a, D-64372 Ober-Ramstadt (DE). **SEIBEL, Claudia** [DE/DE]; Hauptstrasse 3, D-64853 Otzberg (DE).

(74) **MERCK PATENT GMBH**; Postfach, D-64271 Darmstadt (DE).

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

(11) **WO 98/53012** (13) A1

(21) PCT/EP97/02652

(22) **23 May/mai 1997 (23.05.1997)**

(25) de (26) de

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C09C 1/00, C09D 7/12, 11/00, C08K 3/00, C04B 33/14, A61K 7/00, C03C 4/02**

(54) ● MULTI-COATED INTERFERENCE PIGMENTS

● PIGMENTS DE POLARISATION MULTICOUCHES

(71) **MERCK PATENT GMBH** [DE/DE]; Postfach, D-64271 Darmstadt (DE). (for all designated States except / pour tous les États désignés sauf US)

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- (74) **MERCK PATENT GMBH**; Postfach, D-64271 Darmstadt (DE).
- (81) BR CA CN CZ 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 98/53013** (13) A1
(21) PCT/EP98/03024
(22) **19 May/mai 1998 (19.05.1998)**
(25) en (26) en
(31) 97201511.9 (32) **21 May/mai 1997 (21.05.1997)** (33) EP
(34) NL et al. / etc.
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **C09D 5/00, 175/04, C08G 18/65**
(54) ● COATING COMPOSITION BASED ON A HYDROXY GROUP-CONTAINING FILM FORMING POLYMER, A POLYSOCYANATE COMPOUND, AND A DIOL
● COMPOSITION DE REVETEMENT COMPORTANT UN POLYMERE FILMOGENE CONTENANT UN GROUPE HYDROXY, UN COMPOSE POLYSOCYANATE, ET UN DIOL
(71) **AKZO NOBEL N.V.** [NL/NL]; Velperweg 76, NL-6824 BM Arnhem (NL).
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(72, 75) **VANDEVOORDE, Paul, Marie** [BE/BE]; Kloosterstraat 57, B-2910 Essen (BE). **VAN ENGELEN, Antonius, Hendrikus, Gerardus** [NL/NL]; Juweelstraat 26, NL-2403 BL Alphen aan de Rijn (NL). **LEMAIRE, Ann, Alfred, Johanna** [BE/NL]; Santhorst 49, NL-2352 KC Leiderdorp (NL).
(74) **SCHALKWIJK, Pieter, Cornelis**; Akzo Nobel N.V., Patent Dept. (Dept. APTA), P.O. Box 9300, NL-6800 SB Arnhem (NL).
(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/53014** (13) A1
(21) PCT/EP98/02656
(22) **6 May/mai 1998 (06.05.1998)**
(25) de (26) de
(31) 197 21 645.5 (32) **23 May/mai 1997 (23.05.1997)** (33) DE
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **C09D 5/08, C09B 67/00**
(54) ● KORROSIONSSCHUTZANSTRICHSTOFF
● PEINTURE ANTICORROSION
(71) **MERCK PATENT GMBH** [DE/DE]; Frankfurter Strasse 250, D-64293 Darmstadt (DE).
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(72, 75) **GLAUSCH, Ralf** [DE/DE]; Reuterallee 10, D-64297 Darmstadt (DE).
(74) **MERCK PATENT GMBH**; D-64271 Darmstadt (DE).
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- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU ID IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53015** (13) A1
(21) PCT/JP98/02155
(22) **15 May/mai 1998 (15.05.1998)**
(25) ja (26) ja
(31) 9/129850 (32) **20 May/mai 1997 (20.05.1997)** (33) JP
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **C09D 5/16, 133/02, 143/00**
(54) ● ANTIPOULING PAINT COMPOSITIONS
● COMPOSITIONS DE PEINTURE ANTIFOULING
(71) **MITSUBISHI RAYON CO., LTD.** [JP/JP]; 6-41, Konan 1-chome, Minato-ku, Tokyo 108-8506 (JP).
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(74) **ASAMURA, Kiyoshi** et al. / etc.; New Ohtemachi Building, Room 331, 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).
(81) KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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(21) PCT/US98/10576
(22) **22 May/mai 1998 (22.05.1998)**
(25) en (26) en
(31) 60/047,529 (32) **23 May/mai 1997 (23.05.1997)** (33) US
(31) 60/048,450 (32) **3 Jun/juin 1997 (03.06.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **C09D 9/00**
(54) ● PAINT AND COATING REMOVER
● DECAPANT POUR PEINTURES ET REVETEMENTS
(71) **HUNTSMAN PETROCHEMICAL CORPORATION** [US/US]; 7114 North Lamar Boulevard, Austin, TX 78752 (US).
(72) **MARQUIS, Edward, T.**; 9004 Collinfield Drive, Austin, TX 78758 (US). **BALDWIN, Robert, E.**; 802 Parkway, Georgetown, TX 78628 (US).
(74) **O'KEEFE, Robert, M.**; Jones, O'Keefe & Egan, Building C, Suite 200, 1101 Capital of Texas Highway South, Austin, TX 78746 (US).
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- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53017** (13) A1
(21) PCT/US98/15259
(22) **21 Jul/juillet 1998 (21.07.1998)**
(25) en (26) en
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **C09D 11/12**
(54) ● STABILIZED BRONZE (COPPER/ZINC) PRINTING INK POWDER
● Poudre de bronze (cuivre/zinc) stabilisée destinée à l'encre d'impression
(71) **EASTMAN CHEMICAL COMPANY** [US/US]; 100 North Eastman Road, Kingsport, TN 37660 (US).
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(72, 75) **SWAN, Paul, Michael** [GB/GB]; 88 Millbrook Close, Skelmersdale, Lancashire WN8 8QS (GB).
(74) **ALLEN, Rose, M.**; P.O. Box 511, Kingsport, TN 37662-5075 (US).
(81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/53018** (13) A1
(21) PCT/US98/10173
(22) **19 May/mai 1998 (19.05.1998)**
(25) en (26) en
(31) 08/861,571 (32) **22 May/mai 1997 (22.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **C09F 9/00, C09D 167/06, C08F 283/01**
(54) ● LOSS OF DRY INHIBITOR FOR COATING COMPOSITIONS AND ACCELERATOR FOR CURING UNSATURATED POLYESTER RESIN
● INHIBITEUR DE PERTE DE RAPIDITE DE SECHAGE POUR COMPOSITIONS DE REVETEMENT ET ACCELERATEUR POUR POLYMERISATION DE RESINE POLYESTER INSATUREE
(71) **TROY CORPORATION** [US/US]; 8 Vreeland Road, Florham Park, NJ 07932 (US).
(72) **NOWAK, Milton**; 492 Mayhew Court, South Orange, NJ 07079 (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 HU ID IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/53019** (13) A1
(21) PCT/US97/18937
(22) **21 Oct/oct 1997 (21.10.1997)**
(25) en (26) en
(31) 60/047,175 (32) **20 May/mai 1997 (20.05.1997)** (33) US
(31) 08/888,715 (32) **7 Jul/juil 1997 (07.07.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **C09J 111/02, C08K 3/38**
(54) ● FAST-SETTING POLYCHLOROPRENE CONTACT ADHESIVES
● ADHESIF DE CONTACT A BASE DE POLYCHLOROPRENE A PRISE RAPIDE
(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
(72) **PATEL, Vijay**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **WUERCH, Daniel, W.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
(74) **SKOLNICK, Steven, E.** et al. / etc.; Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
(81) 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 98/53020** (13) A1
(21) PCT/CH98/00177
(22) **1 May/mai 1998 (01.05.1998)**
(25) de (26) de
(31) 1181/97 (32) **21 May/mai 1997 (21.05.1997)** (33) CH
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **C09J 189/00, B65D 27/14, B65C 9/22**
(54) ● WATERTIGHT COATING FILM AND ITS USE
● FILM D'ENDUCTION RESISTANT A L'EAU ET SON UTILISATION
(71) **CASANIN AG** [CH/CH]; Eichmatt, CH-6033 Buchrain (CH).
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(72, 75) **LÜTHI, Benjamin** [CH/CH]; Am Bächli 4, CH-8805 Richterswil (CH).
(74) **ABATRON-PATENTBÜRO AG**; Altstetterstrasse 224, CH-8048 Zürich (CH).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53021** (13) A1
(21) PCT/EP98/02849
(22) **14 May/mai 1998 (14.05.1998)**
(25) de (26) de
(31) 197 21 590.4 (32) **23 May/mai 1997 (23.05.1997)** (33) DE
- (43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **C09K 3/00, C09D 5/00, A21D 8/08, B08B 17/02**
(54) ● NON-DRYING VISCOUS AGENT FOR TREATING SURFACES
● AGENT VISQUEUX NON SICCATIF S'UTILISANT POUR TRAITER DES SURFACES
(71) **HENKEL-ECOLAB GMBH & CO. OHG** [DE/DE]; Reisholzer Werftstrasse 38-40, D-40589 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **TYBORSKI, Thomas** [DE/DE]; Tannenstrasse 23, D-40476 Düsseldorf (DE). **LÜDECKE, Werner** [DE/DE]; Willbecker Busch 21, D-40699 Erkrath (DE).
(74) **HASE, Christian**; Henkel KGaA, Patente (TTP), D-40191 Düsseldorf (DE).
(81) AU BR CA CN JP MX NZ US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/53022** (13) A1
(21) PCT/GB98/01309
(22) **6 May/mai 1998 (06.05.1998)**
(25) en (26) en
(31) 9710305.5 (32) **21 May/mai 1997 (21.05.1997)** (33) GB
(31) 9710298.2 (32) **21 May/mai 1997 (21.05.1997)** (33) GB
(31) 9712117.2 (32) **12 Jun/juin 1997 (12.06.1997)** (33) GB
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **C09K 3/10**
(54) ● GASKETS
● JOINTS
(71) **FLEXITALIC LIMITED** [GB/GB]; P.O. Box 21, Rochdale, Lancashire OL12 7EU (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **HOYES, John, Robert** [GB/GB]; Calderbrook Road, Littleborough, Lancs OL15 9NW (GB). **ATKINSON, Alan, William** [GB/GB]; 11 Braken-dale Drive, Barby, Nr. Rugby, Warwickshire CV23 8TJ (GB). **BOND, Stephen, Peter** [GB/GB]; 241 Norton Leys, Rugby, Warwickshire CV22 5RE (GB). **WEST, Adam, Martin** [GB/GB]; 8 Tower Road, Rugby, Warwickshire CV22 5NA (GB).
(74) **WALSH, David, Patrick** et al. / etc.; Appleyard Lees, 15 Clare Road, Halifax, West Yorkshire 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 GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53023** (13) A1
(21) PCT/JP98/02194
(22) **19 May/mai 1998 (19.05.1998)**
(25) ja (26) ja
(31) PCT/JP97/1671 (32) **19 May/mai 1997 (19.05.1997)** (33) WO
- (34) JP et al. / etc.
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **C09K 11/02, 11/64, C09C 3/00**
(54) ● PHOTOSTIMULABLE FLUORESCENT PIGMENT AND PROCESS FOR PRODUCING THE SAME
● PIGMENT FLUORESCENT PHOTOSTIMULABLE ET SON PROCÉDE DE PRODUCTION
(71) **CITIZEN WATCH CO., LTD.** [JP/JP]; 1-1, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0428 (JP).
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(72, 75) **FUKUSHIMA, Mizue** [JP/JP]; Citizen Watch Co., Ltd. Technical Laboratory, 840, Aza Takeno, Oaza Shimotomi, Tokorozawa-shi, Saitama 359-8511 (JP). **HIRASHIMA, Hiroshi** [JP/JP]; 3-16-10, Nishihara, Shibuya-ku, Tokyo 151-0066 (JP). **IMAI, Hiroaki** [JP/JP]; 4-10-37, Taru-machi, Kohoku-ku, Yokohama-shi, Kanagawa 222-0001 (JP). **OH, Junrok** [KR/JP]; 1772, Kitsukikumiyoshi-cho, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0021 (JP).
(74) **ISHIDA, Takashi** et al. / etc.; A. Aoki & Associates, Toranomon 37 Mori Building, 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW 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 GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53024** (13) A1
(21) PCT/JP98/02251
(22) **22 May/mai 1998 (22.05.1998)**
(25) ja (26) ja
(31) 9/133398 (32) **23 May/mai 1997 (23.05.1997)** (33) JP
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **C09K 11/06**
(54) ● LUMINESCENT PLASTIC MATERIAL AND PROCESS FOR PRODUCING THE SAME
● MATERIAU EN PLASTIQUE LUMINESCENT ET SON PROCÉDE DE PRODUCTION
(71) **KUREHA KAGAKU KOGYO KABUSHIKI KAISHA** [JP/JP]; 9-11, Nihonbashi Horidome-cho 1-chome, Chuo-ku, Tokyo 103-8552 (JP).
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(74) **OHI, Masahiko**; Eishin Building, 6-1, Kanda Ogawa-machi 3-chome, Chiyoda-ku, Tokyo 101-0052 (JP).

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

(11) **WO 98/53025** (13) A1

(21) PCT/JP97/01671

(22) **19 May/mai 1997 (19.05.1997)**

(25) ja (26) ja

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C09K 11/08, 11/58, 11/63, 11/64, 11/70**

(54) ● PHOSPHORESCENT PIGMENT AND PROCESS FOR PREPARING THE SAME
● PIGMENT PHOSPHORESCENT ET SON PROCÉDE DE PREPARATION

(71) **CITIZEN WATCH CO., LTD.** [JP/JP]; 1-1, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 163-04 (JP).
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(72, 75) **FUKUSHIMA, Mizue** [JP/JP]; Citizen Watch Co., Ltd. Technical Laboratory, 840, Aza Takeno, Oaza Shimotomi, Tokorozawa-shi, Saitama 359 (JP). **HIRASHIMA, Hiroshi** [JP/JP]; 3-16-10, Nishihara, Shibuya-ku, Tokyo 151 (JP). **IMAI, Hiroaki** [JP/JP]; 4-10-37, Taru-machi, Kohoku-ku, Yokohama-shi, Kanagawa 222 (JP). **OH, Junrok** [KR/JP]; 1772, Kitsukisumiyoshi-cho, Nakahara-ku, Kawasaki-shi, Kanagawa 211 (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) 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 VZ 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).

(11) **WO 98/53026** (13) A1

(21) PCT/US98/02706

(22) **6 Feb/fév 1998 (06.02.1998)**

(25) en (26) en

(31) 08/864,232 (32) **23 May/mai 1997 (23.05.1997)**

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C09K 15/02, 15/04**

(54) ● OXYGEN SCAVENGING METAL-LOADED HIGH SURFACE AREA PARTICULATE COMPOSITIONS
● COMPOSITIONS PARTICULAIRES A LARGE AIRE SUPERFICIELLE A ENDUIT METALLIQUE AGISSANT COMME ACCEPTEURS DE L'OXYGENE

(71) **W. R. GRACE & CO.-CONN.** [US/US]; 1114 Avenue of the Americas, New York, NY 10036 (US).

(72) **MILLER, James, George**; 2820 Dana Court, Ellicott City, MD 21042 (US). **BLINKA, Thomas, Andrew**; 11604 Wave Lap Way, Columbia, MD 21044 (US). **SPEER, Drew, Ve**; 6229 Slender Sky, Columbia, MD 21044 (US). **FEEHLEY, William, Alfred, Jr.**; 12105 Stoney Batter Road, Kingsville, MD 21087 (US).

(74) **TROFFKIN, Howard, J.**; W.R. Grace & Co.-Conn., 7500 Grace Drive, Columbia, MD 21044 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/53027** (13) A1

(21) PCT/JP97/01705

(22) **21 May/mai 1997 (21.05.1997)**

(25) en (26) en

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C09K 19/00, 19/32, 19/40, G02F 1/1335**

(54) ● LYOTROPIC MESOMORPHIC MEDIA AND OPTICAL COMPENSATING FILM USING THE SAME
● MILIEUX LYOTROPIQUES ET MESOMORPHES ET FILM DE COMPENSATION OPTIQUE DANS LEQUEL LESDITS MILIEUX SONT UTILISES

(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) **DEMUS, Dietrich** [DE/DE]; Veilchen Weg 22, D-06178 Halle (DE). **TAKEUCHI, Hiroyuki** [JP/JP]; 17, Tatsumidai-Higashi 2-chome, Ichihara-shi, Chiba 290 (JP). **MIYAZAWA, Kazutoshi** [JP/JP]; 27-7, Chiharadai 3-chome, Ichihara-shi, Chiba 290-01 (JP).

(74) **KAWAKITA, Takenaga**; Sowa Building, 3-6, Nihonbashi-Kayabacho 2-chome, Chuo-ku, Tokyo 103 (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 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).

(11) **WO 98/53028** (13) A1

(21) PCT/US98/09549

(22) **11 May/mai 1998 (11.05.1998)**

(25) en (26) en

(31) 08/862,561 (32) **23 May/mai 1997 (23.05.1997)**

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C09K 19/52, 19/54, 19/30, G02F 1/133**

(54) ● LOW VISCOSITY LIQUID CRYSTAL MATERIAL
● MATERIAU A CRISTAUX LIQUIDES A FAIBLE VISCOSITE

(71) **KENT DISPLAYS INCORPORATED** [US/US]; 343 Portage Boulevard, Kent, OH 44240 (US).

(72) **KHAN, Asad, Aziz**; 209 North Lincoln Street #1, Kent, OH 44240 (US). **LASKOS, Stanley, Joseph, Jr.**; 10064 Tallmadge Road, Diamond, OH 44112 (US). **STEFANOV, Michael, E.**; 2894 Duquesne Drive, Stow, OH 44224 (US).

(74) **SERBINOWSKI, Paul, A.**; Watts, Hoffmann, Fisher & Heinke Co., P.O. Box 99839, Cleveland, OH 44199-0839 (US).

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

(11) **WO 98/53029** (13) A1

(21) PCT/US98/09581

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 08/862,229 (32) **23 May/mai 1997 (23.05.1997)**

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C10G 69/04**

(54) ● BENZENE CONVERSION IN AN IMPROVED GASOLINE UPGRADING PROCESS
● TRANSFORMATION BENZENIQUE DANS UN PROCESSUS D'ENRICHISSEMENT DES HYDROCARBURES

(71) **MOBIL OIL CORPORATION** [US/US]; 3225 Gallows Road, Fairfax, VA 22037 (US).

(72) **BORGHARD, William, Stern**; 1355 Knox Drive, Yardley, PA 19067 (US). **COLLINS, Nick, Allen**; 746 West Campground Road, Fall Branch, TN 37656 (US). **DURAND, Paul, Pierce**; 9 Ross Court, Wilmington, DE 19810 (US). **HILBERT, Timothy, Lee**; 17 Charles Lane, Sewell, NJ 08080 (US). **TREWELLA, Jeffrey, Charles**; 283 Hickory Drive, Kennett Square, PA 19348 (US).

(74) **PRATER, Penny, L.** et al. / etc.; Mobil Oil Corporation, 3225 Gallows Road, Fairfax, VA 22037 (US).

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

(11) **WO 98/53030** (13) A1

(21) PCT/US98/09580

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 08/862,238 (32) **23 May/mai 1997 (23.05.1997)**

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C10G 69/08, 69/04**

(54) ● HYDROCARBON UPGRADING PROCESS
● PROCESSUS D'ENRICHISSEMENT DES HYDROCARBURES

(71) **MOBIL OIL CORPORATION** [US/US]; 3225 Gallows Road, Fairfax, VA 22037 (US).

(72) **COLLINS, Nick, Allen**; 746 West Campground Road, Fall Branch, TN 37656 (US). **TEITMAN, Gerald, Joseph**; 10139 Hillington Court, Vienna, VA 22182 (US). **DURAND, Paul, Pierce**; 9 Ross Court, Wilmington, DE 19810 (US). **HILBERT, Timothy, Lee**; 17 Charles Lane, Sewell, NJ 08080 (US). **TREWELLA, Jeffrey, Charles**; 283 Hickory Drive, Kennett Square, PA 19348 (US).

(74) **PRATER, Penny, L.** et al. / etc.; Mobil Oil Corporation, 3225 Gallows Road, Fairfax, VA 22037 (US).

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

(11) **WO 98/53031** (13) A1

(21) PCT/CA98/00354

(22) **16 Apr/avr 1998 (16.04.1998)**

(25) en (26) en

(31) 2,205,670 (32) **16 May/mai 1997 (16.05.1997)** (33) CA

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C10L 3/06, F17D 1/00, 1/04, 1/17, 1/02**

(54) ● PIPELINE TRANSMISSION METHOD
● PROCEDE DE TRANSPORT PAR PIPELINE

(71) **JL ENERGY TRANSPORTATION INC.** [CA/CA]; 1950, 801 – 6th Avenue, S.W., Calgary, Alberta T2P 3W2 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MORRIS, Ian** [CA/CA]; 602 – 1665 Nelson Street, Vancouver, British Columbia V6G 1M3 (CA). **PERRY, Glen** [CA/CA]; 24 Woodgreen Crescent, S.W., Calgary, Alberta T2W 4A5 (CA).

(74) **BENNETT JONES VERCHERE**; Suite 1800, 350 Albert Street, Box 25, Ottawa, Ontario K1R 1A4 (CA).

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

(11) **WO 98/53032** (13) A1

(21) PCT/CA98/00355

(22) **16 Apr/avr 1998 (16.04.1998)**

(25) en (26) en

(31) 2,205,678 (32) **16 May/mai 1997 (16.05.1997)** (33) CA

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C10L 3/06**

(54) ● GAS STORAGE METHOD AND PRODUCT
● PROCEDE ET PRODUIT DE STOCKAGE DU GAZ

(71) **JL ENERGY TRANSPORTATION INC.** [CA/CA]; 1950, 801–6th Avenue, S.W., Calgary, Alberta T2P 3W2 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MORRIS, Ian** [CA/CA]; 602–1665 Nelson Street, Vancouver, British Columbia V6G 1M3 (CA). **PERRY, Glen** [CA/CA]; 24 Woodgreen Crescent, S.W., Calgary, Alberta T2W 4A5 (CA).

(74) **BENNETT JONES VERCHERE**; Suite 1800, Box 25, 350 Albert Street, Ottawa, Ontario K1R 1A4 (CA).

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

(11) **WO 98/53033** (13) A1

(21) PCT/EP98/02848

(22) **14 May/mai 1998 (14.05.1998)**

(25) de (26) de

(31) 197 21 602.1 (32) **23 May/mai 1997 (23.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C10M 173/02**

(54) ● HIGHLY CONCENTRATED PASTE OR GEL-LIKE SUBSTANCE FOR LUBRICATING SOLUTIONS CONTAINING AMINE, FOR USE IN THE FOODSTUFF INDUSTRY
● PATE OU GEL TRES CONCENTRE(E) POUR SOLUTIONS LUBRIFIANTES A BASE D'AMINE, S'UTILISANT DANS L'INDUSTRIE ALIMENTAIRE

(71) **HENKEL-ECOLAB GMBH & CO. OHG** [DE/DE]; Reisholzer Werftstrasse 38–40, D–40589 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KLUSCHANZOFF, Harald** [DE/DE]; Klutenscheuer 22, D–40822 Mettmann (DE). **SAUTER, Joachim** [DE/DE]; Luisenstrasse 20, D–40721 Hilden (DE).

(74) **HASE, Christian**; Henkel KGaA, Patente (TTP), D–40191 Düsseldorf (DE).

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

Published / Publiée : (c)

(11) **WO 98/53034** (13) A1

(21) PCT/US97/09183

(22) **22 May/mai 1997 (22.05.1997)**

(25) en (26) en

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C11D 3/00**

(54) ● LAUNDRY DETERGENT COMPOSITIONS WITH DYE TRANSFER INHIBITION AGENTS
● COMPOSITIONS DE DETERGENTS A LES-SIVE AVEC AGENTS INHIBANT LE TRANSFERT DES COLORANTS

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

(72) **SUBBARAO, Neelamraju, Venkata**; Block 10/Flat 4, HIG (OG) New Bagh Lingampally, Nyderabad 500044 (IN). **WATSON, Randall, Alan**; 14 Penderly Avenue, Wyoming, OH 45215 (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 IL IS JP KE KG KP KR KZ 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).

(11) **WO 98/53035** (13) A1

(21) PCT/US98/10167

(22) **18 May/mai 1998 (18.05.1998)**

(25) en (26) en

(31) 60/047,058 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C11D 3/00, 3/20, 1/62**

(54) ● CLEAR OR TRANSLUCENT FABRIC SOFTENER COMPOSITIONS USING MIXTURE OF SOLVENTS
● COMPOSITIONS ADOUCISSANTES CLAIRES OU TRANSLUCIDES POUR TISSUS, CONTENANT UN MELANGE DE SOLVANTS

(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) **TORDIL, Helen, Bernardo** [US/US]; 7590 West Chester Road, West Chester, OH 45069 (US). **WAHL, Errol, Hoffman** [US/US]; 8021 Deershadown Lane, Cincinnati, OH 45242 (US). **TRINH, Toan** [US/US]; 8671 Creekwood Lane, Maineville, OH 45039 (US). **OKAMOTO, Mitsuyo** [JP/JP]; 8–16–204, Kusunoki-cho, Ashiya 659 (JP). **DUVAL, Dean, Larry** [US/JP]; 5–15–1801, Koyo-cho Naka, Higashinada-ku, Kobe 657 (JP).

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

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(11) **WO 98/53036** (13) A1

(21) PCT/AU98/00329

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) PO 6909 (32) **20 May/mai 1997 (20.05.1997)** (33) AU

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C11D 3/48, 1/83 // (C11D 1/68, 1/66), A61K 7/50**

(54) ● ALKYL POLYGLUCOSIDES CONTAINING DISINFECTANT COMPOSITIONS ACTIVE AGAINST PSEUDOMONAS MICROORGANISM
● ALKYL POLYGLUCOSIDES CONTENANT DES COMPOSITIONS DESINFECTANTES ACTIVES CONTRE LES MICROORGANISMES PSEUDOMONAS

(71) **NOVAPHARM RESEARCH (AUSTRALIA) PTY. LIMITED** [AU/AU]; 3–11 Primrose Avenue, Rosebery, NSW 2018 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GLUCK, Bruno, Anthony** [AU/AU]; Unit 932, Henry Kendall Village, North Gosford, NSW 2250 (AU).

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

(11) **WO 98/53037** (13) A1

(21) PCT/IB98/00712

(22) **13 May/mai 1998 (13.05.1998)**

(25) en (26) en

(31) 97201517.6 (32) **21 May/mai 1997 (21.05.1997)** (33) EP

(34) BE et al. / etc.

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C11D 11/02, 1/62, 3/08**

(54) ● PROCESS FOR PREPARATION OF GRANULAR DETERGENT COMPOSITION OR COMPONENT COMPRISING A WATER-SOLUBLE CATIONIC SURFACTANT

● PROCEDE POUR LA PREPARATION D'UNE COMPOSITION OU D'UN CONSTITUANT DE DETERGENT GRANULAIRE COMPRENANT UN TENSIOACTIF CATIONIQUE HYDROSOLUBLE

(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) **MORRISON, Christopher, Andrew** [GB/BE]; 49a, rue de Lombard, B-1000 Brussels (BE).
WILKINSON, Carole, Patricia, Denise [GB/BE]; 19, rue de Moscou, B-1060 Brussels (BE).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

(81) BR CA CZ JP MX TR US.

(11) **WO 98/53038** (13) A1

(21) PCT/EP98/02789

(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 9710048.1 (32) **16 May/mai 1997 (16.05.1997)** (33) GB

(31) 9726972.4 (32) **19 Dec/déc 1997 (19.12.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C11D 17/00, 13/16, 13/18**

(54) ● PROCESS FOR THE PRODUCTION OF A DETERGENT COMPOSITION

● PROCEDE DE PRODUCTION D'UNE COMPOSITION DETERGENTE

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

(72) **ALLAN, Peter, Stewart**; Meriton, Nicol End, Chalfont St Peter, Buckinghamshire SL9 9LU (GB).
CORDELL, John, Martin; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside L63 3JW (GB).

IRVING, Graeme, Neil; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside L63 3JW (GB).
NADAKATTI, Suresh, Muri-geppa; Hindustan Lever Ltd., Research Centre, 64 Main Road, Whitefield P.O., Bangalore 560 066 (IN).
NAIK, Vijay, Mukund; Hindustan Lever Ltd., Research Centre, 64 Main Road, Whitefield P.O., Bangalore 560 066 (IN).
OVERTON, Christine, Ann; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside L63 3JW (GB).
STOCKER, Frederick, Edmund; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside L63 3JW (GB).
TARVERDI, Karnik; 4 Manor Road, Harrow, Middlesex HA1 2PB (GB).

(74) **MOLE, Peter, Geoffrey**; 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/53039** (13) A1

(21) PCT/EP98/02790

(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 9710048.1 (32) **16 May/mai 1997 (16.05.1997)** (33) GB

(31) 9726972.4 (32) **19 Dec/déc 1997 (19.12.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C11D 17/00, 13/18**

(54) ● PROCESS AND APPARATUS FOR THE PRODUCTION OF A DETERGENT COMPOSITION

● PROCEDE ET DISPOSITIFS POUR LA PRODUCTION D'UNE COMPOSITION DETERGENTE

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

(72) **ALLAN, Peter, Stewart**; Meriton, Nicol End, Chalfont St. Peter, Buckinghamshire SL9 9LU (GB).
CORDELL, John, Martin; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside L63 3JW (GB).
IRVING, Graeme, Neil; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside L63 3JW (GB).
NADAKATTI, Suresh, Muri-geppa; Hindustan Lever Ltd., Research Centre, 64 Main Road, Whitefield P.O., Bangalore 560 066 (IN).
NAIK, Vijay, Mukund; Hindustan Lever Ltd., Research Centre, 64 Main Road, Whitefield P.O., Bangalore 560 066 (IN).
OVERTON, Christine, Ann; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside L63 3JW (GB).
STOCKER, Frederick, Edmund; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside L63 3JW (GB).
TARVERDI, Karnik; 4 Manor Road, Harrow, Middlesex HA1 2PB (GB).
WAHLERS, John, Colin; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside L63 3JW (GB).

(74) **MOLE, Peter, Geoffrey**; 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/53040** (13) A1

(21) PCT/US97/08869

(22) **22 May/mai 1997 (22.05.1997)**

(25) en (26) en

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C11D 17/00 // 1/14, 1/16, 1/29, 3/02**

(54) ● LAUNDRY BARS WITH IMPROVED SUDSING AND IMPROVED PHYSICAL PROPERTIES

● DETERGENTS A LESSIVE EN PAINS AYANT DES PROPRIETES DE MOUSSAGE ET DES PROPRIETES PHYSIQUES AMELIOREES

(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) **RAMANAN, Ganapathy, Venkata** [IN/PH]; 1803, Pomelo Street, Dasmarias Village, Makati, Metro Manila 1222 (PH).
CASTRO, Jerome, Macaïsa [PH/PH]; Blk 25 lot 17, Chrysanthemum Village, San Pedro Laguna 1220 (PH).
DUVAL, Dean, Larry [US/JP]; 5-15-1801, Koyo-cho Naka, Higashinada-ku, Kobe 658 (JP).
MONROY, Teddy, Go. [PH/PH]; 727 Interior 1 T. Alonzo Street, Sta. Cruz, Manila 1220 (PH).
ROBLES, Eric, San, Jose [PH/PH]; Magara Townhomes, Unit K, Sierra Madre Street, Mandaluyong City 1200 (PH).
TEE, Johannson, Jimmy [PH/PH]; 19 Wilson Street, Greenhills, San Juan, Metro Manila 1222 (PH).

(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 IL IS JP KE KG KP KR KZ 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).

(11) **WO 98/53041** (13) A1

(21) PCT/US98/09330

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 08/859,387 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(31) 08/859,431 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C11D 17/00, 1/37 // 3/20, 3/32, 3/34, 1:29, 1:22, 1:14, 1:12, 1:06**

(54) ● LIGHT DUTY LIQUID MICROEMULSION CLEANING COMPOSITIONS

- COMPOSITION DE NETTOYAGE SOUS FORME DE MICRO-EMULSION LIQUIDE POUR TRAVAUX LEGRS
- (71) **COLGATE-PALMOLIVE COMPANY** [US/US]; 300 Park Avenue, New York, NY 10022 (US).
- (72) **ERILLI, Rita**; Avenue de Voroux 25, B-4000 Liege (BE). **GALLANT, Chantal**; Allee de la Belle Fleur 19, B-4602 Cheratte (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53042** (13) A1
- (21) PCT/EP98/03044
- (22) **22 May/mai 1998 (22.05.1998)**
- (25) en (26) en
- (31) 97201547.3 (32) **23 May/mai 1997 (23.05.1997)** (33) EP
- (34) AT et al. / etc.
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **C12H 1/04, C12C 5/02, A23L 2/44, 2/80, 1/015**
- (54) ● BEER AND SIMILAR LIGHT-SENSITIVE BEVERAGES WITH INCREASED FLAVOUR STABILITY AND PROCESS FOR PRODUCING IT
- BIERE ET BOISSONS SENSIBLES A LA LUMIERE SIMILAIRES AVEC UNE MEILLEURE STABILITE DU GOUT ET PROCEDE DE PRODUCTION DE CES BOISSONS
- (71) **QUEST INTERNATIONAL B.V.** [NL/NL]; Huijzerstraatweg 28, NL-1411 GP Naarden (NL). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **VAN BERKEL, Wilhelmus, Johannes** [NL/NL]; Oude Klapstraat 3, NL-6602 AE Wijchen (NL). **EVANS, David** [NL/NL]; Johannes Gerardweg 34, NL-1222 PV Hilversum (NL). **LAANE, Nicolaas, Charles** [NL/NL]; Julianalaan 28, NL-1412 GS Naarden (NL). **SCHMEDDING, Diederik, Johannes, Maria** [NL/NL]; Schout 83, NL-1412 NC Naarden (NL).
- (74) **HUMPHRIES, Martyn** et al. / etc.; ICI Group Intellectual Property, P.O. Box 90, Wilton, Middlebrough, Cleveland TS90 8JE (GB).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53043** (13) A1
- (21) PCT/US98/09421
- (22) **8 May/mai 1998 (08.05.1998)**
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- (31) 08/858,350 (32) **19 May/mai 1997 (19.05.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **C12M 1/00, 1/40, C12N 1/26, C12Q 1/04, 1/08, 1/14, 1/24**
- (54) ● METHOD AND APPARATUS FOR DETERMINING NONPARAFFINOPHILIC MICROORGANISMS
- PROCEDE ET DISPOSITIF POUR DETERMINER LA PRESENCE DES MICRO-ORGANISMES NON-PARAFFINOPHILES
- (71) **INFECTECH, INC.** [US/US]; Suite 2, 87 Stambaugh Avenue, Sharon, PA 16146 (US).
- (72) **OLLAR, Robert, A.**; 122 Cornelia Lane, Milford, PA 18337-7139 (US). **FELDER, Mitchell, S.**; 3694 McConnell Road, Hermitage, PA 16148 (US).
- (74) **RADACK, David, V.**; Eckert Seamans Cherin & Mellott, LLC, 42nd floor, 600 Grant Street, Pittsburgh, PA 15219 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53044** (13) A1
- (21) PCT/US98/09794
- (22) **14 May/mai 1998 (14.05.1998)**
- (25) en (26) en
- (31) 08/859,487 (32) **20 May/mai 1997 (20.05.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **C12M 3/00**
- (54) ● SYSTEM AND METHOD FOR CAPTURING AND DESTROYING HAP/VOC SUBSTANCES USING MICROBIAL DEGRADATION
- SYSTEME ET PROCEDE DE CAPTURE ET DE DESTRUCTION DE POLLUANTS ATMOSPHERIQUES DANGEREUX/COMPOSES ORGANIQUES VOLATILS PAR DEGRADATION MICROBIENNE
- (71) **AGRI MICROBE SALES, L.C.** [US/US]; 4307 Boynton Plank Road, Brodnax, VA 23920-2101 (US).
- (72) **SEAGLE, Edward, D.**; 29 Robbinsville Road, Andrews, NC 28901 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (25) en (26) en
- (31) 197 21 477.0 (32) **23 May/mai 1997 (23.05.1997)** (33) DE
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **C12M 3/06, 1/40**
- (54) ● MICROBIAL MEMBRANE REACTOR FOR USE IN FLOW SYSTEMS
- REACTEUR A MEMBRANE MICROBIENNE DESTINE A ETRE UTILISE DANS DES SYSTEMES D'ECOULEMENT
- (71) **ABB KENT-TAYLOR LIMITED** [GB/GB]; Oldends Lane, Stonehouse, Gloucestershire GL10 3TA (GB). **ABB PATENT GMBH** [DE/DE]; Kallstadter Strasse 1, D-68309 Mannheim (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SCHILLIG, Henning** [DE/DE]; Mascheroder Weg 1, D-38124 Braunschweig (DE). **SCHNIEDER, Inga** [DE/DE]; Mascheroder Weg 1, D-38124 Braunschweig (DE). **STANDFUSS, Christine** [DE/DE]; Mascheroder Weg 1, D-38124 Braunschweig (DE). **HEIM, Sabina** [DE/DE]; Mascheroder Weg 1, D-38124 Braunschweig (DE). **ARNOLD, Tatjana** [DE/DE]; Mascheroder Weg 1, D-38124 Braunschweig (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53046** (13) A1
- (21) PCT/US98/10111
- (22) **13 May/mai 1998 (13.05.1998)**
- (25) en (26) en
- (31) 08/861,503 (32) **22 May/mai 1997 (22.05.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **C12M 3/06**
- (54) ● BIOREACTOR
- BIOREACTEUR
- (71) **EXCORP MEDICAL, INC.** [US/US]; Suite 235, 7200 Hudson Boulevard, Oakdale, MN 55128 (US).
- (72) **AMIOT, Bruce, P.**; 8920 Tamarack Street, N.W., Coon Rapids, MN 55433 (US).
- (74) **POPOVICH, Thomas, E.** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53047** (13) A1
- (21) PCT/GB98/01395
- (22) **22 May/mai 1998 (22.05.1998)**
- (25) en (26) en
- (31) 08/858,350 (32) **19 May/mai 1997 (19.05.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **C12M 1/00, 1/40, C12N 1/26, C12Q 1/04, 1/08, 1/14, 1/24**
- (54) ● METHOD AND APPARATUS FOR DETERMINING NONPARAFFINOPHILIC MICROORGANISMS
- PROCEDE ET DISPOSITIF POUR DETERMINER LA PRESENCE DES MICRO-ORGANISMES NON-PARAFFINOPHILES
- (71) **INFECTECH, INC.** [US/US]; Suite 2, 87 Stambaugh Avenue, Sharon, PA 16146 (US).
- (72) **OLLAR, Robert, A.**; 122 Cornelia Lane, Milford, PA 18337-7139 (US). **FELDER, Mitchell, S.**; 3694 McConnell Road, Hermitage, PA 16148 (US).
- (74) **RADACK, David, V.**; Eckert Seamans Cherin & Mellott, LLC, 42nd floor, 600 Grant Street, Pittsburgh, PA 15219 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53045** (13) A1
- (21) PCT/GB98/01505
- (22) **22 May/mai 1998 (22.05.1998)**
- (25) en (26) en
- (31) 08/859,487 (32) **20 May/mai 1997 (20.05.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **C12M 3/00**
- (54) ● SYSTEM AND METHOD FOR CAPTURING AND DESTROYING HAP/VOC SUBSTANCES USING MICROBIAL DEGRADATION
- SYSTEME ET PROCEDE DE CAPTURE ET DE DESTRUCTION DE POLLUANTS ATMOSPHERIQUES DANGEREUX/COMPOSES ORGANIQUES VOLATILS PAR DEGRADATION MICROBIENNE
- (71) **AGRI MICROBE SALES, L.C.** [US/US]; 4307 Boynton Plank Road, Brodnax, VA 23920-2101 (US).
- (72) **SEAGLE, Edward, D.**; 29 Robbinsville Road, Andrews, NC 28901 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53047** (13) A1
- (21) PCT/GB98/01395

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 9710497.0 (32) **22 May/mai 1997 (33) GB (22.05.1997)**

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C12N 1/38, C12P 1/04, 13/04 // (C12P 1/04, C12R 1:01, 1:19, 1:42)**

(54) ● E. COLI, SALMONELLA OR HAFNIA AUTOINDUCERS
● AUTO-INDUCTEURS OBTENUS A PARTIR DE E. COLI, SALMONELLA OU HAFNIA

(71) **UNIVERSITY OF LEICESTER** [GB/GB]; University Road, Leicester LE1 7RH (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FREESTONE, Primrose, Pamela, Elaine** [GB/GB]; 14 Goldhill, off Stonesby Avenue, Leicester LE2 6TQ (GB). **WILLIAMS, Peter, Humphrey** [GB/GB]; 462 London Road, Leicester LE2 2PP (GB). **LYTE, Mark** [US/US]; 4077 Deerwood Trail, Eagan, MN 55122 (US). **HAIGH, Richard, David** [US/US]; 12 Hamilton Street, Leicester LE2 1FP (US).

(74) **McNEIGHT, David, Leslie** et al. / etc.; Mc-Neight & Lawrence, Regent House, Heaton Lane, Stockport, Cheshire SK4 1BS (GB).

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

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(31) 60/047,348 (32) **21 May/mai 1997 (33) US (21.05.1997)**

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C12N 5/06, 5/08, A61K 35/14, G01N 33/50**

(54) ● METHODS AND COMPOSITIONS FOR MAKING DENDRITIC CELLS FROM EXPANDED POPULATIONS OF MONOCYTES AND FOR ACTIVATING T CELLS
● PROCÉDES ET COMPOSITIONS PERMETTANT D'OBTENIR DES CELLULES DENDRITIQUES A PARTIR DE POPULATIONS AMPLIFIÉES DE MONOCYTES, ET D'ACTIVER LES CELLULES T

(71) **THE GOVERNMENT OF THE UNITED STATES OF AMERICA** as represented by **THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES** [US/US]; Bethesda, MD 20892 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NELSON, Edward** [US/US]; 660 Buckhorn Road, Eldersburg, MD 21784 (US). **STROBL, Susan, L.** [US/US]; 13637 Paradise Drive, Hagerstown, MD 21742 (US).

(74) **QUINE, Jonathan, A.** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53049** (13) A1

(21) PCT/FI98/00429

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 08/862,433 (32) **23 May/mai 1997 (33) US (23.05.1997)**

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C12N 9/06, C07K 14/435**

(54) ● VASCULAR ADHESION PROTEIN-1 HAVING AMINE OXIDASE ACTIVITY
● PROTEINE-1 D'ADHESION VASCULAIRE A ACTIVITE MONOAMINE-OXYDASE

(71) **BIOTIE THERAPIES LTD.** [FI/FI]; Tykistökatu 6 B, Biocity, FIN-20520 Turku (FI).

(72) **JALKANEN, Sirpa;** Rautolantie 79, FIN-20760 Piispanristi (FI). **SALMI, Marko;** Vähä-Hämeenkatu 12 aB 30, FIN-20520 Turku (FI). **SMITH, David, John;** Ojarinne 29, FIN-20810 Turku (FI). **BONO, Petri;** Nahkurinpiha 3, FIN-20100 Turku (FI).

(74) **TURUN PATENTTITOIMISTO OY;** P.O. Box 99, FIN-20521 Turku (FI).

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

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(31) 08/861,338 (32) **21 May/mai 1997 (33) US (21.05.1997)**

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C12N 9/12, C12Q 1/48, A61K 38/45**

(54) ● SHORT PEPTIDES WHICH SELECTIVELY MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES
● PEPTIDES COURTS MODULANT SELECTIVEMENT L'ACTIVITE DE SERINE/THREONINE KINASES

(63) US 08/861,338 (CIP)
21 May/mai 1997 (21.05.1997)

(71) **THE CHILDREN'S MEDICAL CENTER CORPORATION** [US/US]; 300 Longwood Street, Boston, MA 02115 (US). **YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM** [IL/IL]; Jabotinsky Street 46, P.O. Box 4279, 91042 Jerusalem (IL).
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(72, 75) **BEN-SASSON, Shmuel, A.** [IL/IL]; Epstein Street 3, 96555 Jerusalem (IL).

(74) **BROOK, David, E.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02173 (US).

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

(11) **WO 98/53051** (13) A1

(21) PCT/US98/10321

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 08/861,153 (32) **21 May/mai 1997 (33) US (21.05.1997)**

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C12N 9/12, G01N 33/68**

(54) ● SHORT PEPTIDES WHICH SELECTIVELY MODULATE INTRACELLULAR SIGNALING
● PEPTIDES COURTS MODULANT SELECTIVEMENT LA SIGNALISATION INTRACELLULAIRE

(63) US 08/861,153 (CIP)
21 May/mai 1997 (21.05.1997)

(71) **THE CHILDREN'S MEDICAL CENTER CORPORATION** [US/US]; 300 Longwood Avenue, Boston, MA 02115 (US).
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(72, 75) **BEN-SASSON, Shmuel, A.** [IL/IL]; Epstein Street 3, 96555 Jerusalem (IL).

(74) **BROOK, David, E.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02173 (US).

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

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(31) 9/132174 (32) **22 May/mai 1997 (33) JP (22.05.1997)**

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C12N 9/24, 15/56, 5/10 // (C12N 9/24, C12R 1:91)**

(54) ● SIALIDASES LOCALIZED ON PLASMA MEMBRANES AND DNA ENCODING THE SAME

● SIALIDASES LOCALISEES SUR LA MEMBRANE CELLULAIRE ET ADN CODANT LESDITES SIALIDASES

(71) **MIYAGI KEN** [JP/JP]; 8-1, Honcho 3-chome, Aoba-ku, Sendai-shi, Miyagi 980-8570 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIYAGI, Taeko** [JP/JP]; Miyagi Cancer Center, 47-1, Aza Nodayama, Medeshima Shiode, Natori-shi, Miyagi 981-1293 (JP). **WADA, Tadashi** [JP/JP]; Miyagi Cancer Center, 47-1, Aza Nodayama, Medeshima Shiode, Natori-shi, Miyagi 981-1293 (JP). **YOSHIKAWA, Yuko** [JP/JP]; Miyagi Cancer Center, 47-1, Aza Nodayama, Medeshima Shiode, Natori-shi, Miyagi 981-1293 (JP).

(74) **TOYAMA, Tsutomu** et al. / etc.; Yokoyama Building, 6th floor, 4-10, Higashi Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0004 (JP).

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

(11) **WO 98/53053** (13) A2

(21) PCT/EP98/02970

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 97108240.9 (32) **21 May/mai 1997 (21.05.1997)** (33) EP

(34) DE et al. / etc.

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C12N 15/00**

(54) ● DNA ENCODING AN ARTHROPOD CHITIN SYNTHASE
● ADN CODANT UNE SYNTHASE DE CHITINE D'ARTHROPODE

(71) **FOUNDATION FOR RESEARCH AND TECHNOLOGY - HELLAS (F.O.R.T.H.)** [GR/GR]; Institute of Molecular Biology & Biotechnology, Vassilika Vouton, P.O. Box 1527, GR-711 10 Heraklion (GR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **THIREOS, George** [GR/GR]; Foundation for Research and Technology - Hellas (F.O.R.T.H.), Institute of Molecular Biology & Biotechnology, Vassilika Vouton, P.O. Box 1527, GR-711 10 Heraklion (GR). **KAFETZPOULOS, Dimitris** [GR/GR]; Foundation for Research and Technology - Hellas (F.O.R.T.H.), Institute of Molecular Biology & Biotechnology, Vassilika Vouton, P.O. Box 1527, GR-711 10 Heraklion (GR).

(74) **MÜLLER-BORE & PARTNER**; Grafinger Strasse 2, D-81671 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53054** (13) A1

(21) PCT/US98/10101

(22) **14 May/mai 1998 (14.05.1998)**

(25) en (26) en

(31) 08/862,730 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C12N 15/00, 15/19, C07K 14/54**

(54) ● DNA ENCODING CANINE INTERLEUKIN-1 RECEPTOR ANTAGONIST

● ADN CODANT L'ANTAGONISTE DU RECEPTEUR DE L'INTERLEUKINE 1 CANINE

(71) **UAB RESEARCH FOUNDATION** [US/US]; 1120G Administration Building, 701 South 20th Street, Birmingham, AL 35294-0111 (US).

(72) **FULLER, Gerald, Maxwell**; 1401 Redmont Drive, Birmingham, AL 35213 (US). **FUENTES, Nelson, Luis**; 987-E. Valley Avenue, Birmingham, AL 35209 (US).

(74) **PRATT, John, S.** et al. / etc.; Kilpatrick Stockton LLP, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309-4530 (US).

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

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(31) 60/047,194 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C12N 15/02, 15/11, 15/40, 15/54, 15/82, C07K 14/005, 14/01, 14/08, 16/08, C12Q 1/68, G01N 33/53**

(54) ● GRAPEVINE LEAFROLL VIRUS (TYPE 2) PROTEINS AND THEIR USES
● PROTEINES DU VIRUS (DE TYPE 2) DE LA NECROSE RETICULEE DE LA VIGNE, ET LEURS UTILISATIONS

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

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

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(31) 197 20 839.8 (32) **17 May/mai 1997 (17.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C12N 15/10, 15/85, 15/74**

(54) ● METHOD FOR PRODUCING LONG DNA CONSTRUCTS

● PROCEDE DE PREPARATION DE PRODUITS DE SYNTHÈSE D'ADN LONGS

(71, 72) **SCHINDELHAUER, Dirk** [DE/DE]; Clemensstrasse 111, D-80796 München (DE).

(72, 75) **COOKE, Howard, J.** [GB/GB]; 8 Stirling Road, Edinburgh EH5 3HY (GB).

(74) **HUBER, Bernard**; Truderinger Strasse 246, D-81825 München (DE).

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

(11) **WO 98/53057** (13) A1

(21) PCT/GB98/01510

(22) **26 May/mai 1998 (26.05.1998)**

(25) en (26) en

(31) 9710809.6 (32) **23 May/mai 1997 (23.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C12N 15/10, 15/12, C07K 1/04, C12N 15/62, C12Q 1/68, C07K 14/47, A61K 48/00**

(54) ● NUCLEIC ACID BINDING POLYPEPTIDE LIBRARY
● BIBLIOTHEQUE DE POLYPEPTIDES DE FIXATION D'ACIDE NUCLEIQUE

(71) **MEDICAL RESEARCH COUNCIL** [GB/GB]; 20 Park Crescent, London W1N 4AL (GB).
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(74) **MASCHIO, Antonio** et al. / etc.; D. Young & Co., 21 New Fetter Lane, London EC4A 1DA (GB).

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

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(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C12N 15/10, 15/12, 15/62, C12Q 1/68, C07K 14/47, A61K 48/00**

(54) ● NUCLEIC ACID BINDING PROTEINS
● PROTEINES DE LIAISON D'ACIDE NUCLEIQUE

(71) **MEDICAL RESEARCH COUNCIL** [GB/GB]; 20 Park Crescent, London W1N 4AL (GB).
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ISALAN, Mark [GB/GB]; 24 Shottfield Avenue, East Sheen, London SW14 8EA (GB).

(74) **MASCHIO, Antonio** et al. / etc.; D. Young & Co., 21 New Fetter Lane, London EC4A 1DA (GB).

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

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(31) 9710807.0 (32) **23 May/mai 1997 (23.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C12N 15/10, 15/12, 15/62, C12Q 1/68, C07K 14/47, A61K 48/00**

(54) ● NUCLEIC ACID BINDING PROTEINS

● PROTEINES DE LIAISON D'ACIDE NUCLEIQUE

(71) **MEDICAL RESEARCH COUNCIL** [GB/GB]; 20 Park Crescent, London W1N 4AL (GB).
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(74) **MASCHIO, Antonio**; D. Young & Co., 21 New Fetter Lane, London EC4A 1DA (GB).

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

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(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C12N 15/10, 15/12, 15/62, C12Q 1/68, C07K 14/47, A61K 48/00**

(54) ● NUCLEIC ACID BINDING PROTEINS

● PROTEINES DE LIAISON D'ACIDE NUCLEIQUE

(71) **MEDICAL RESEARCH COUNCIL** [GB/GB]; 20 Park Crescent, London W1N 4AL (GB).
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(74) **MASCHIO, Antonio** et al. / etc.; D. Young & Co., 21 New Fetter Lane, London EC4A 1DA (GB).

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

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(31) PO 6972 (32) **23 May/mai 1997 (23.05.1997)** (33) AU

(31) PO 6973 (32) **23 May/mai 1997 (23.05.1997)** (33) AU

(31) PO 6974 (32) **23 May/mai 1997 (23.05.1997)** (33) AU

(31) PP 1458 (32) **22 Jan/jan 1998 (22.01.1998)** (33) AU

(31) PP 1459 (32) **22 Jan/jan 1998 (22.01.1998)** (33) AU

(31) PP 1460 (32) **22 Jan/jan 1998 (22.01.1998)** (33) AU

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C12N 15/12, C07K 14/47, 16/18, G01N 33/53**

(54) ● THREE NOVEL GENES ENCODING A ZINC FINGER PROTEIN, A GUANINE, NUCLEOTIDE EXCHANGE FACTOR AND A HEAT SHOCK PROTEIN OR HEAT SHOCK BINDING PROTEIN

● NOUVEAUX GENES CODANT UNE PROTEINE A DOIGT DE ZINC, UN FACTEUR D'ECHANGE DE NUCLEOTIDES GUANINIQUES, UNE PROTEINE DU STRESS OU UNE PROTEINE DE LIAISON DU STRESS

(71) **THE COUNCIL OF THE QUEENSLAND INSTITUTE OF MEDICAL RESEARCH** [AU/AU]; 300 Herston Road, Brisbane, QLD 4029 (AU).
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(74) **HUGHES, E., John, L.** et al. / etc.; Davies Collison Cave, 1 Little Collins Street, Melbourne, VIC 3000 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53062** (13) A1

(21) PCT/CA98/00487

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 08/861.747 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C12N 15/12, C07K 14/705, C12N 5/10, C07K 16/28, G01N 33/563, 33/50, A61K 31/70, A01K 67/00**

(54) ● A HUMAN EDG-6 RECEPTOR HOMOLOGUE

● HOMOLOGUE DU RECEPTEUR EDG-6 HUMAIN

(63) US 08/861.747 (CIP)
 22 May/mai 1997 (22.05.1997)

(71) **ALLELIX BIOPHARMACEUTICALS, INC.** [CA/CA]; 6850 Goreway Drive, Mississauga, Ontario L4V 1V7 (CA).
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(72, 75) **MUNROE, Donald, G.** [CA/CA]; 27 Wakefield Lane, Waterdown, Ontario L0R 2H3 (CA).
VYAS, Tejal, B. [CA/CA]; 275 Riel Drive, Mississauga, Ontario L5B 3K1 (CA).

(74) **CHARI, Santosh, K.** et al. / etc.; Orange & Associates, Toronto Dominion Bank Tower, Toronto-Dominion Centre, Suite 3600, 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 97201480.7 (32) **16 May/mai 1997 (16.05.1997)** (33) EP

(34) NL et al. / etc.

(31) 98200382.4 (32) **9 Feb/fév 1998 (09.02.1998)** (33) EP

(34) NL et al. / etc.

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C12N 15/12, A61K 48/00, C12N 5/10, A61K 35/28**

(54) ● MAMMALIAN CELL TRANSDUCTION FOR USE IN GENE THERAPY

● TRANSDUCTION DE CELLULES DE MAMMIFERES UTILISEE EN THERAPIE GENIQUE

(71) **LEUVEN RESEARCH & DEVELOPMENT VZW** [BE/BE]; Groot Begijnhof, Benedenstraat 60, B-3000 Leuven (BE).
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(72, 75) **VANDEN DRIESSCHE, Thierry** [BE/BE]; Sterrenlaan 17, B-3360 Korbeek-Lo (BE).
CHUAH, Marinee, Khim, Lay [MY/BE]; Sterrenlaan 17, B-3360 Korbeek-Lo (BE).

(74) **VAN SOMEREN, Petronella** et al. / etc.; 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53064** (13) A1

(21) PCT/JP98/02171

(22) **18 May/mai 1998 (18.05.1998)**

(25) ja (26) ja

(31) 9/134182 (32) **23 May/mai 1997 (23.05.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C12N 15/12, 15/63, C07K 14/47, 16/18, C12Q 1/68, C12P 21/08**

(54) ● ORGANIC ANION TRANSPORTER AND GENE CODING FOR THE SAME
● TRANSPORTEUR D'ANIONS ORGANIQUES ET GENE CODANT POUR CE DERNIER

(71) **TANABE SEIYAKU CO., LTD.** [JP/JP]; 2-10, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8505 (JP).
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(72, 75) **KANAI, Yoshikatsu** [JP/JP]; 214-102, Midori-cho, Hachioji-shi, Tokyo 193-0932 (JP).
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(74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

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

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(21) PCT/US98/10188

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 08/858,834 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(31) 09/080,695 (32) **18 May/mai 1998 (18.05.1998)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C12N 15/12, C07K 14/47, C12Q 1/68, A61K 38/17**

(54) ● HUMAN SEMAPHORIN E AND POLYNUCLEOTIDES ENCODING IT
● SEMAPHORINE E D'ORIGINE HUMAINE ET POLYNUCLEOTIDES CODANT CETTE SEMAPHORINE E

(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.**; 113 Ann Lee Road, Harvard, MA 01451 (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). **SPAUDING, Vikki**; 11 Meadowbank Road, Billerica, MA 01821 (US). **AGOSTINO, Michael, J.**; 26 Wolcott Avenue, Andover, MA 01810 (US). **HOWES, Steven, H.**; Apartment 2, 44 Chester Street, Smoerville, MA 02144 (US). **FECHTEL, Kim**; 46 Marion Road, Arlington, MA 02174 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 60/047,807 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(31) 60/081,313 (32) **10 Apr/avr 1998 (10.04.1998)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C12N 15/12, 5/10, C07K 14/47, 16/18, G01N 33/50, 33/53, 33/57, 33/68, A61K 38/17, 39/395**

(54) ● SMAD2 PHOSPHORYLATION AND INTERACTION WITH SMAD4
● PHOSPHORYLATION PAR LA SMAD2 ET INTERACTION AVEC LA SMAD4

(71) **LUDWIG INSTITUTE FOR CANCER RESEARCH** [CH/US]; 605 Third Avenue, New York, NY 10158 (US).

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(74) **VAN AMSTERDAM, John, R.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

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

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(25) en (26) en

(31) 60/047,131 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C12N 15/12, C07K 14/47, 14/46, C12N 5/10, C07K 16/18, A61K 48/00, 39/395, G01N 33/68, C12Q 1/68**

(54) ● NBC, A GENE THAT ENCODES A MEMBER OF THE BICARBONATE TRANSPORTER FAMILY OF PROTEINS
● LE NBC, GENE CODANT POUR UN MEMBRE LA FAMILLE DE PROTEINES TRANSPORTEUSES DE BICARBONATE

(71) **YALE UNIVERSITY** [US/US]; 451 College Street, New Haven, CT 06510 (US).
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(74) **ADLER, Reid, G.** et al. / etc.; Morgan Lewis & Bockius, 1800 M Street, N.W., Washington, DC 20036-5869 (US).

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

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(25) en (26) en

(31) 60/047,221 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(31) 60/060,465 (32) **30 Sep/sep 1997 (30.09.1997)** (33) US

(31) 60/075,940 (32) **25 Feb/fév 1998 (25.02.1998)** (33) US

(31) 60/077,033 (32) **6 Mar/mar 1998 (06.03.1998)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ C12N 15/12, 15/11, 15/62, 5/10, C07K 14/47, 16/18, G01N 33/50, A01K 67/027, A61K 31/70, 38/17, 48/00

- (54) ● SMAD7 AND USES THEREOF
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(74) GATES, Edward, R.; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

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

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(31) 60/047,092 (32) 20 May/mai 1997 (33) US (20.05.1997)

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(51)⁶ C12N 15/12, C07K 14/71, A61K 38/17

- (54) ● GDNF RECEPTORS
● RECEPTEURS DU GDNF

(63) US 08/884,638 (CON) 27 Jun/juin 1997 (27.06.1997)

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(74) STEFFE, Eric, K.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934 (US) et al. / etc.

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

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(22) 22 May/mai 1998 (22.05.1998)

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(31) 08/861,512 (32) 22 May/mai 1997 (33) US (22.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ C12N 15/12, C07K 14/47, C12Q 1/68, A61K 38/17, C07K 16/18, G01N 33/68

- (54) ● HUMAN GPI2 HOMOLOG
● HOMOLOGUE DE GPI2 HUMAIN

(63) US 08/861,512 (CIP) 22 May/mai 1997 (22.05.1997)

(71) INCYTE PHARMACEUTICALS, INC. [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).
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(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 GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 60/047,490 (32) 23 May/mai 1997 (33) US (23.05.1997)

(31) 60/047,491 (32) 23 May/mai 1997 (33) US (23.05.1997)

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(51)⁶ C12N 15/12, 15/62, 5/10, 1/21, C07K 14/47, 16/18, C12Q 1/68, A61K 31/70, 38/17, 39/395, 48/00, G01N 33/577

- (54) ● MODULATORS OF TISSUE REGENERATION
● MODULATEURS DE LA REGENERATION TISSULAIRE

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(74) FENTON, Gillian, M.; Biogen, Inc., 14 Cambridge Center, Cambridge, MA 02142 (US).

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

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(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ C12N 15/27, 1/21 // (C12N 1/21, C12R 1:19)

- (54) ● THE PRODUCTION OF HUMAN GRANULOCYTE COLONY-STIMULATING FACTOR
● PRODUCTION DE FACTEUR HUMAIN STIMULANT LES COLONIES DE GRANULOCYTES

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(74) LEE, Duck-Rog; Sungkog Building, 3rd floor, 823-22, Yorksam-dong, Kangnam-ku, Seoul, 135-080 (KR).

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

(11) WO 98/53073 (13) A1

(21) PCT/GB98/01406

(22) 15 May/mai 1998 (15.05.1998)

(25) en (26) en

(31) 9710044.0 (32) 16 May/mai 1997 (33) GB (16.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ C12N 15/29, 15/82, C07K 14/415, C12Q 1/68, A01H 5/00, A01N 65/00

- (54) ● A PLANT DISEASE RESISTANCE SIGNALING GENE, MATERIALS AND METHODS RELATING THERETO
● GENE INDICATEUR DE RESISTANCE AUX MALADIES VEGETALES, MATERIAUX ET PROCEDES Y RELATIFS

(71) PLANT BIOSCIENCE LIMITED [GB/GB]; Norwich Research Park, Colney Lane, Norwich NR4 7UH (GB).
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(74) **KREMER, Simon, M.** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) PO 6903 (32) **20 May/mai 1997 (20.05.1997)** (33) AU

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C12N 15/30, C07K 14/44**

(54) ● LARGE SUBUNIT RIBOSOMAL DNA OF *NEOSPORA* SPECIES

● ADN RIBOSOMIQUE A SOUS-UNITES DE GRANDE TAILLE, DE L'ESPECE *NEOSPORA*

(71) **INSEARCH LIMITED** [AU/AU]; Level 2, 187 Thomas Street, Haymarket, NSW 2000 (AU).

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(74) **F.B. RICE & CO.**; 605 Darling Street, Balmain, NSW 2041 (AU).

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

(11) **WO 98/53075** (13) A2

(21) PCT/US98/10407

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 08/859,381 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(31) 09/073,010 (32) **5 May/mai 1998 (05.05.1998)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C12N 15/31, C07K 14/35, A61K 39/04, 48/00, 49/00, C12N 15/62, C07K 19/00, G01N 33/50, 33/60, 33/569, C12N 1/19, 1/20, 1/21, 5/10 // (C12N 1/21, C12R 1:19)**

(54) ● COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS OF TUBERCULOSIS AND METHODS OF THEIR USE

● COMPOSES POUR L'IMMUNOTHERAPIE ET POUR LE DIAGNOSTIC DE LA TUBERCULOSE ET LEUR UTILISATION

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

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(74) **MAKI, David, J.** et al. / etc.; Seed and Berry LLP, 6300 Columbia Center, 701 Fifth Avenue, Seattle, WA 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53076** (13) A2

(21) PCT/US98/10514

(22) **20 May/mai 1998 (20.05.1998)**

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(31) 08/858,998 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(31) 09/073,009 (32) **5 May/mai 1998 (05.05.1998)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C12N 15/31, C07K 14/35, G01N 33/50, 33/58, 33/68, C12Q 1/68, C12N 1/19, 1/21, 5/10, C07K 16/12, 19/00 // (C12N 1/21, C12R 1:19)**

(54) ● COMPOUNDS FOR DIAGNOSIS OF TUBERCULOSIS AND METHODS FOR THEIR USE
● COMPOSES PERMETTANT DE DIAGNOSTIQUER LA TUBERCULOSE ET LEURS PROCEDES D'UTILISATION

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(74) **KOHLER, Thomas, D.**; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036-2711 (US).

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

(11) **WO 98/53077** (13) A1

(21) PCT/US98/10645

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 60/047,162 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(31) 60/053,652 (32) **24 Jul/juil 1997 (24.07.1997)** (33) US

(31) 08/991,840 (32) **16 Dec/déc 1997 (16.12.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C12N 15/40, 7/01, 7/04, 15/86, A61K 39/193**

(54) ● LIVE ATTENUATED VIRUS VACCINES FOR EQUINE ENCEPHALITIS VIRUSES

● VACCINS ANTIVIRAUX VIVANTS ATTENUES CONTRE LES VIRUS DE L'ENCEPHALITE EQUINE

(71) **WALTER REED ARMY INSTITUTE OF RESEARCH** [-/US]; Dept. of the Army, Washington, DC 20307 (US).
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(72, 75) **PARKER, Michael, D.** [US/US]; Apartment T-13, 1001 Carroll Parkway, Frederick, MD 21701 (US). **SMITH, Jonathan, F.** [US/US]; 6936 Eyer Valley Flint Road, Sabillasville, MD 21780 (US). **CRISE, Bruce, J.** [US/US]; 7210 McKaig Road, Frederick, MD 21701 (US). **OBERSTE, Mark, Steve** [US/US]; 5110 Sunset Maple Trace, Lilburn, GA 30247 (US). **SCHMURA, Shannon, M.** [US/US]; 10812 Lincoln Avenue, Hagerstown, MD 21740 (US).

(74) **HARRIS, Charles, H.**; United States Army Medical Research and Materiel Command, 504 Scott Street, Fort Detrick, MD 21702 (US).

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

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(25) en (26) en

(31) 60/047,575 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(31) 60/059,385 (32) **19 Sep/sep 1997 (19.09.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C12N 15/45, C07K 14/115, C12N 5/10, 7/01, A61K 39/155**

(54) ● PRODUCTION OF ATTENUATED PARAINFLUENZA VIRUS VACCINES FROM CLONED NUCLEOTIDE SEQUENCES

● PRODUCTION DE VACCINS A VIRUS PARA-INFLUENZA ATTENUÉ A PARTIR DE SEQUENCES NUCLEOTIDIQUES CLONÉES.

(71) **THE GOVERNMENT OF THE UNITED STATES OF AMERICA**, as represented by **THE DEPARTMENT OF HEALTH AND HUMAN SERVICES** [US/US]; Box OTT, Bethesda, MD 20892 (US).
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- (74) **KING, Jeffrey, J.** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 08/861,269 (32) **21 May/mai 1997 (21.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **C12N 15/52, 9/00, C12Q 1/68, C12N 15/11, A61K 38/53, C07K 16/40**

- (54) ● **UBIQUITIN CONJUGATION PROTEINS**
● **PROTEINES DE CONJUGAISON D'UBIQUITINE**

- (63) US 08/861,269 (CIP)
21 May/mai 1997 (21.05.1997)

- (71) **INCYTE PHARMACEUTICALS, INC.** [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).
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- (72, 75) **BANDMAN, Olga** [US/US]; 366 Anna Avenue, Mountain View, CA 94043 (US). **CORLEY, Neil, C.** [US/US]; 1240 Dale Avenue #30, Mountain View, CA 94040 (US). **LAL, Preeti** [IN/US]; 2382 Lass Drive, Santa Clara, CA 95054 (US). **SHAH, Purvi** [IN/US]; 1608 Queen Charlotte Drive #5, Sunnyvale, CA 94087 (US).

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

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(25) en (26) en
(31) PO 6849 (32) **19 May/mai 1997 (19.05.1997)** (33) AU
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **C12N 15/53, A01H 1/00, 5/00**

- (54) ● **POLYPHENOL OXIDASE GENES FROM BANANA, TOBACCO AND PINEAPPLE**
● **GENES CODANT LA POLYPHENOLOXYDASE, EXTRAITS DE LA BANANE, DU TABAC ET DE L'ANANAS**

- (71) **COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION** [AU/AU]; Limestone Avenue, Campbell, ACT 2612 (AU).
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- (74) **PHILLIPS ORMONDE & FITZPATRICK**; 367 Collins Street, Melbourne, VIC 3000 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (21) PCT/NL98/00290

- (22) **20 May/mai 1998 (20.05.1998)**

- (25) en (26) en

- (31) 97201515.0 (32) **21 May/mai 1997 (21.05.1997)** (33) EP

- (34) NL et al. / etc.

- (43) 26 Nov/nov 1998 (26.11.1998)

- (51)⁶ **C12N 15/55, 1/20, 1/21, 9/14, C12P 7/18, 7/22, 41/00, C12N 15/70**

- (54) ● **ENANTIOSELECTIVE EPOXIDE HYDROLASES AND GENES ENCODING THESE**

- **EPOXYDE HYDROLASES ENANTIOSELECTIVES ET GENES LES CODANT**

- (71) **RIJKSUNIVERSITEIT TE GRONINGEN** [NL/NL]; Broerstraat 5, NL-9712 CP Groningen (NL).
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- (72, 75) **LUTJE SPELBERG, Jeffrey Harald** [NL/NL]; Aquamarijnstraat 49, NL-9743 PA Groningen (NL). **RINK, Rick** [NL/NL]; Stadhouderslaan 27a, NL-9717 AG Groningen (NL). **KELLOGG, Richard, Morrison** [NL/NL]; Lutsborgsweg 40, NL-9752 VW Haren (NL). **JANSSSEN, Dick, Barend** [NL/NL]; Jachtlaan 24, NL-9301 KP Roden (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/53082** (13) A1

- (21) PCT/KR97/00091

- (22) **21 May/mai 1997 (21.05.1997)**

- (25) en (26) en

- (43) 26 Nov/nov 1998 (26.11.1998)

- (51)⁶ **C12N 15/62, 1/21 // (C12N 15/62, C12R 1:63) (C12N 1/21, C12R 1:19)**

- (54) ● **A RECOMBINANT MICROORGANISM EXPRESSING AN ANTIGENIC PROTEIN, ADHESIN**

- **MICRO-ORGANISME DE RECOMBINAISON EXPRIMANT UNE PROTEINE ANTIGENIQUE, L'ADHESINE**

- (71) **DAEWOONG PHARMACEUTICAL CO., LTD.** [KR/KR]; 223-23, Sangdaewon-dong, Joongwon-ku, Sungnam, Kyunggi-do 462-120 (KR).

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

- (72, 75) **KIM, Byung-O** [KR/KR]; 1108-1601, Samwhan Apartment, Imae-dong, Bundang-ku, Sungnam, Kyunggi-do 463-060 (KR). **LEE, Byoung-Kwang** [KR/KR]; 502-1003, Hayanmaeul, Kumi-dong, Bundang-ku, Sungnam, Kyunggi-do 463-500 (KR). **YOON, Suk-Won** [KR/KR]; 206-606, Donga Apartment, Jungdeunmaeul, Jungja-dong, Bundang-ku, Sungnam, Kyunggi-do 463-010 (KR). **PARK, Seung-Kook** [KR/KR]; 409, Sanho Apartment, San 19-4, Sangdaewon-dong, Joongwon-ku, Sungnam, Kyunggi-do 462-120 (KR). **YU, Young-Hyo** [KR/KR]; 733-1201, Daerim Solgoe Apartment, Sanbon-dong, Kumpo, Kyunggi-do 435-040 (KR).

- (74) **LEE, Han-Young**; 6th floor, Daiyun Building, 1688-5, Seocho-dong, Seocho-ku, 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 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); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/53083** (13) A1

- (21) PCT/GB98/01450

- (22) **20 May/mai 1998 (20.05.1998)**

- (25) en (26) en

- (31) 9710475.6 (32) **21 May/mai 1997 (21.05.1997)** (33) GB

- (43) 26 Nov/nov 1998 (26.11.1998)

- (51)⁶ **C12N 15/63, 15/82**

- (54) ● **GENE SILENCING**

- **INHIBITION D'UN GENE**

- (71) **ZENECA LIMITED** [GB/GB]; 15 Stanhope Gate, London W1Y 6LN (GB).
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- (72, 75) **GRIERSON, Donald** [GB/GB]; University of Nottingham, Sutton Bonnington Campus, Loughborough LE12 5RD (GB). **LOWE, Alexandra, Louise** [GB/GB]; University of Nottingham, Sutton Bonnington Campus, Loughborough LE12 5RD (GB). **HAMILTON, Andrew, John** [GB/GB]; University of Nottingham, Sutton Bonnington Campus, Loughborough LE12 5RD (GB).

- (74) **HUSKISSON, Frank, Mackie** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/53084** (13) A1

- (21) PCT/IB98/00790

- (22) **22 May/mai 1998 (22.05.1998)**

- (25) en (26) en
 (31) 08/861,450 (32) **22 May/mai 1997** (33) US (22.05.1997)
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ C12N 15/76, 15/90, C12P 19/62, C12N 1/21, C07K 14/805
 (54) ● ENHANCEMENT OF ERYTHROMYCIN PRODUCTION BY EXPRESSION OF A CLONED OXYGEN-BINDING PROTEIN
 ● AUGMENTATION DE LA PRODUCTION D'ERYTHROMYCINE PAR L'EXPRESSION D'UNE PROTEINE CLONÉE FIXANT L'OXYGENE
 (71) **SOLIDAGO AG** [CH/CH]; Hallwylstrasse 21, CH-3005 Bern (CH).
 (72) **BRUNKER, Peter**; Luegislandstrasse 163, CH-8051 Zürich (CH). **MINAS, Wolfgang**; Regensdorferstrasse 5, CH-8049 Zürich (CH). **KALLIO, Pauli**; Haderlistrasse 6, CH-8964 Friedlisberg (CH). **BAILEY, James, E.**; Winkelwiese 6, CH-8001 Zürich (CH).
 (74) **MICHELLI, Michel, P.**; Kirker & Cie S.A., 122, rue de Genève, Case postale 324, CH-1226 Thônex (CH).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/53085** (13) A1
 (21) PCT/GB98/01297
 (22) **5 May/mai 1998** (05.05.1998)
 (25) en (26) en
 (31) 9710370.9 (32) **20 May/mai 1997** (33) GB (20.05.1997)
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ C12N 15/82, 9/02, 15/29, C12Q 1/68, A01H 5/00
 (54) ● GENETIC CONTROL OF FRUIT RIPENING
 ● MATURATION DES FRUITS PAR GENIE GENETIQUE
 (71) **ZENECA LIMITED** [GB/GB]; 15 Stanhope Gate, London W1Y 6LN (GB).
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 (72, 75) **BIRD, Colin, Roger** [GB/GB]; Jealott's Hill Research Station, Bracknell, Berkshire RG42 6ET (GB). **MEDINA-SUAREZ, Rosybel de Jesus** [ES/GB]; 42 Thorndon Court, Eagle Way, Brentwood, Essex CM13 3BY (GB). **SEYMOUR, Graham, Barron** [GB/GB]; Horticulture Research International, Wellsbourne, Warwick CV35 9EF (GB).
 (74) **HUSKISSON, Frank, Mackie** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/53086** (13) A1
 (21) PCT/US98/10465
 (22) **21 May/mai 1998** (21.05.1998)
 (25) en (26) en
 (31) 60/047,568 (32) **22 May/mai 1997** (33) US (22.05.1997)
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ C12N 15/82, 15/29, 1/19, C12Q 1/68, A01H 5/00
 (54) ● SUCROSE-BINDING PROTEINS
 ● PROTEINES FIXATRICES DE SUCROSE
 (71) **WASHINGTON STATE UNIVERSITY RESEARCH FOUNDATION** [US/US]; 1615 Eastgate Boulevard, N.E., Pullman, WA 99163 (US).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **GRIMES, Howard, D.** [US/US]; 1200 Douglas Drive, N.W., Pullman, WA 99163 (US). **CHAO, Wun, S.** [US/US]; 458 Sunset Drive, N.W., Pullman, WA 99163 (US).
 (74) **EARP, David, J.**; Klarquist, Sparkman, Campbell, Leigh & Whinston, LLP, Suite 1600, One World Trade Center, 121 Salmon Street, S.W., 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/53087** (13) A1
 (21) PCT/US98/10367
 (22) **20 May/mai 1998** (20.05.1998)
 (25) en (26) en
 (31) 08/861,773 (32) **22 May/mai 1997** (33) US (22.05.1997)
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ C12N 15/86, A61K 48/00, C12N 5/10
 (54) ● METHOD FOR THE PRODUCTION OF NON-GROUP C ADENOVIRAL VECTORS
 ● PROCEDE DE PRODUCTION DE VECTEURS ADENOVIRAUX N'APPARTENANT PAS AU GROUPE C
 (71) **CORNELL RESEARCH FOUNDATION, INC.** [US/US]; Cornell Business & Technology Park, Suite 105, 20 Thornwood Drive, Ithaca, NY 14850 (US).
 (72) **FALCK-PEDERSEN, Erik**; 8714 Buena Vista Drive, Dobbs Ferry, NY 10522 (US).
 (74) **KILYK, John, Jr.** et al. / etc.; Leydig, Voit & Mayer, Ltd., Two Prudential Plaza, Suite 4900, 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/53088** (13) A1
 (21) PCT/US98/10169
 (22) **19 May/mai 1998** (19.05.1998)
 (25) en (26) en
 (31) 08/858,111 (32) **19 May/mai 1997** (33) US (19.05.1997)
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ C12P 13/04, 7/26, 7/62, C12N 15/63, 9/88, 9/10
 (54) ● IMPROVED TRANSAMINASE BIOTRANSFORMATION PROCESS
 ● PROCEDE AMELIORE DE BIOTRANSFORMATION A L'AIDE DE TRANSAMINASE
 (71) **MONSANTO COMPANY** [US/US]; 800 Lindbergh Boulevard, St. Louis, MO 63167 (US).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **FOTHERINGHAM, Ian, G.** [US/US]; 10 Southfield Drive, Vernon Hills, IL 60061 (US).
 (74) **GOLDEN, Matthew, J.**; Fitzpatrick, Cella, Harper & Scinto, 30 Rockefeller Plaza, New York, NY 10112-3801 (US) et al. / etc.
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/53089** (13) A1
 (21) PCT/FI98/00421
 (22) **19 May/mai 1998** (19.05.1998)
 (25) en (26) en
 (31) 972186 (32) **22 May/mai 1997** (33) FI (22.05.1997)
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ C12P 19/24, C12S 3/02, C07H 3/04 // C12P 19/12, A23L 1/236
 (54) ● PROCESS FOR THE PRODUCTION OF ISOMALTULOSE AND OTHER PRODUCTS
 ● PROCEDE DE PRODUCTION D'ISOMALTULOSE ET D'AUTRES PRODUITS
 (71) **XYROFIN OY** [FI/FI]; PL 213, FIN-48101 Kotka (FI).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **HEIKKILÄ, Heikki** [FI/FI]; Ristiniementie 32 G 33, FIN-02320 Espoo (FI). **SARKKI, Marja-Leena** [FI/FI]; Rajakalliontie 13, FIN-02460 Kantvik (FI). **LINDROOS, Mirja** [FI/FI]; Pohjoispiha 8, FIN-02400 Kirkkonummi (FI). **OJALA, Päivi** [FI/FI]; Harju 1 C, FIN-02460 Kantvik (FI). **RAVANKO, Vili** [FI/FI]; Jämeräntäival 10 B 26, FIN-02150 Espoo (FI). **TYLLI, Matti** [FI/FI]; Ristikalliontie 19, FIN-02460 Kantvik (FI).
 (74) **BORENIUS & CO. OY AB**; Kansakoulukuja 3, FIN-00100 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/53090** (13) A1
(21) PCT/ES98/00127
(22) **7 May/mai 1998 (07.05.1998)**
(25) es (26) es
(31) P 9701073 (32) **19 May/mai 1997 (19.05.1997)** (33) ES
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **C12Q 1/00, C12M 1/34**
(54) ● MICROBIOSSENSOR FOR THE CONTINUOUS MONITORING OF CHEMICAL SUBSTANCES IN FLUIDS
● MICROBIOCAPTEUR POUR LE MONITORAGE EN CONTINU DE SUBSTANCES CHIMIQUES EN MILIEUX FLUIDES
(71) **BIOSENSORES, S.L.** [ES/ES]; Calle Ausias March, 1, E-12593 Moncofar (ES).
(for all designated States except / pour tous les États désignés sauf US)
(71, 72) **DIEZ-CABALLERO ARNAU, Teófilo** [ES/ES]; Calle Conde Salvatierra, 35, E-46004 Valencia (ES).
(72, 75) **RODRIGUEZ ALBALAT, Guillermo** [ES/ES]; Avenida Francia, 65, E-12540 Villarreal (ES). **FERRER FERRER, Cristina** [ES/ES]; Calle Tremedal, 10, E-12530 Burriana (ES). **ESPINAS MARTI, Enrique** [ES/ES]; Calle Colón, 25, E-12593 Moncofar (ES). **MONTORO RODRIGUEZ, Sergio** [ES/ES]; Calle 220, 36, Urbanización El Plantío, E-46182 Paterna (ES). **ERCHOV, Vladimir** [RU/ES]; Calle Serpis, 6, E-46021 Valencia (ES). **MENDOZA PLAZA, Alejandro** [ES/ES]; Avenida Peris y Valero, 188, E-46006 Valencia (ES). **DIEZ-CABALLERO, Teófilo, Diego** [ES/ES]; Calle Conde Salvatierra, 35, E-46004 Valencia (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53091** (13) A1
(21) PCT/US98/07357
(22) **10 Apr/avr 1998 (10.04.1998)**
(25) en (26) en
(31) 08/862,087 (32) **22 May/mai 1997 (22.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **C12Q 1/00, G01N 33/53**
(54) ● SCREENING ASSAYS FOR AGENTS THAT ALTER INHIBITOR OF APOPTOSIS (IAP) PROTEIN REGULATION OF CASPASE ACTIVITY
● TECHNIQUE DE CRIBLAGE D'AGENTS MODIFIANT LA REGULATION DE L'ACTIVITE DE LA CASPASE, REGULATION DANS LAQUELLE INTERVIENT LA PROTEINE INHIBITRICE DE L'APOPTOSE (IAP)
(71) **THE BURNHAM INSTITUTE** [US/US]; 10901 North Torrey Pines Road, La Jolla, CA 92037 (US).
(72) **REED, John, C.**; 17044 El Camino Real, P.O. Box 137, Rancho Santa Fe, CA 92067-0137 (US). **DEVERAUX, Quinn**; 9270 Towne Centre Drive #35, San Diego, CA 92121 (US). **SALVESEN, Guy, S.**; 1936 Circle Park Lane, Encinitas, CA 92024 (US). **TAKAHASHI, Ryosuke**; 2-18-29-206, Higashimotomachi, Kokubunji City, Tokyo 185 (JP). **ROY, Natalie**; 1110 Torrey Pines Road #3, La Jolla, CA 92037 (US).
-
- (74) **GASHLER, Andrea, L.** et al. / etc.; Campbell & Flores LLP, Suite 700, 4370 La Jolla Village Drive, San Diego, CA 92122 (US).
(81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/53092** (13) A1
(21) PCT/US98/09504
(22) **8 May/mai 1998 (08.05.1998)**
(25) en (26) en
(31) 08/859,513 (32) **20 May/mai 1997 (20.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **C12Q 1/00, 1/70, 1/68, G01N 21/00, 31/00, 33/00, 33/53, 33/566**
(54) ● METHOD AND SYSTEM FOR PERFORMING A BINDING ASSAY
● PROCEDE ET SYSTEME POUR EFFECTUER DES TESTS DE LIAISON
(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **MARACAS, George, N.** [US/US]; 2613 East Bighorn Avenue, Phoenix, AZ 85048-9512 (US).
(74) **GAUGER, James, E.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53093** (13) A1
(21) PCT/US98/10719
(22) **22 May/mai 1998 (22.05.1998)**
(25) en (26) en
(31) 60/047,472 (32) **23 May/mai 1997 (23.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **C12Q 1/00, 1/68, G01N 21/00, 21/76, 33/53, 33/533, 33/543, 33/566**
(54) ● COLOR-ENCODING AND IN-SITU INTERROGATION OF MATRIX-COUPLED CHEMICAL COMPOUNDS
● CODAGE COULEUR ET INTERROGATION IN-SITU DE COMPOSES CHIMIQUES COUPLES A UNE MATRICE
(71) **BIOARRAY SOLUTIONS LLC** [US/US]; Old Hoes Lane, Piscataway, NJ 08854 (US). **RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY** [US/US]; Old Queens, New Brunswick, NJ 08903 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **SEUL, Michael** [DE/US]; 84 Pleasant Place, Fanwood, NJ 07023 (US). **EBRIGHT, Richard, H.** [US/US]; North Brunswick, NJ (US).
(74) **JORAN, A., David** et al. / etc.; Darby & Darby P.C., 805 Third Avenue, New York, NY 10022-7513 (US).
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- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53094** (13) A1
(21) PCT/US98/09309
(22) **5 May/mai 1998 (05.05.1998)**
(25) en (26) en
(31) 08/858,131 (32) **19 May/mai 1997 (19.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **C12Q 1/02, 1/24, 1/18, 1/14**
(54) ● A METHOD FOR DETERMINING THE ANTIMICROBIAL AGENT SENSITIVITY OF A NONPARAFFINOPHILIC MICROORGANISM AND AN ASSOCIATED APPARATUS
● PROCEDE POUR DETERMINER LA SENSIBILITE D'UN MICRO-ORGANISME NON PARAFFINOPHILE A UN AGENT ANTIMICROBIEN ET DISPOSITIF ASSOCIE A CE PROCEDE
(71) **INFECTECH, INC.** [US/US]; Suite 2, 87 Stambaugh Avenue, Sharon, PA 16146 (US).
(72) **OLLAR, Robert, A.**; 122 Cornelia Lane, Milford, PA 18337-7139 (US). **FELDER, Mitchell, S.**; 3694 McConnell Road, Hermitage, PA 16148 (US).
(74) **RADACK, David, V.**; Eckert Seamans Cherin & Mellott, LLC, 42nd floor, 600 Grant Street, Pittsburgh, PA 15219 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53095** (13) A1
(21) PCT/EP98/02791
(22) **4 May/mai 1998 (04.05.1998)**
(25) fr (26) fr
(31) 97410052.1 (32) **16 May/mai 1997 (16.05.1997)** (33) EP
(34) AT et al. / etc.
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **C12Q 1/18, 1/04**
(54) ● SYSTEM FOR VALIDATING AND INTERPRETING RESULTS OF ANTIMICROBIAL SUSCEPTIBILITY TESTS OF MICROORGANISMS
● SYSTEME DE VALIDATION ET D'INTERPRETATION DE RESULTATS DE TEST DE SENSIBILITE DE MICRO-ORGANISMES A DES AGENTS ANTIMICROBIENS
(71) **BIOMERIEUX** [FR/FR]; F-69280 Marcy-L'Etoile (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOEUFGRAS, Jean-Marc** [FR/FR]; Grand Rue, F-01150 Vaux en Bugey (FR). **LAZZARINI, Annie** [FR/FR]; Grand Champ, Le Vorgey, F-01500 Ambronay (FR). **PEYRET, Michel** [FR/FR]; c/o M. Orange, 39, rue de Cuire, F-69004 Lyon (FR).

(74) **DE BEAUMONT, Michel**; Cabinet Conseil, 1, rue Champollion, F-38000 Grenoble (FR).

(81) BR CA CN JP MX US.

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(21) PCT/JP98/02184

(22) **19 May/mai 1998 (19.05.1998)**

(25) ja (26) ja

(31) 9/129654 (32) **20 May/mai 1997 (20.05.1997)** (33) JP

(31) 9/188029 (32) **14 Jul/juillet 1997 (14.07.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C12Q 1/66, 1/04**

(54) ● REAGENTS FOR COUNTING MYCOBACTERIA, METHOD THEREFOR, AND METHOD FOR TESTING DRUG SENSITIVITY OF MYCOBACTERIA

● REACTIFS POUR LA NUMERATION DES MYCOBACTERIES, PROCÉDE A CET EFFET, ET PROCÉDE POUR TESTER LA SENSIBILITE DES MYCOBACTERIES AUX MEDICAMENTS

(71) **KYOKUTO PHARMACEUTICAL INDUSTRIAL CO., LTD.** [JP/JP]; 1-1, Nihonbashi Hon-cho 3-chome, Chuo-ku, Tokyo 103-0023 (JP). **KIKKOMAN CORPORATION** [JP/JP]; 339, Noda, Noda-shi, Chiba 278-8601 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SATO, Naoki** [JP/JP]; Kyokuto Pharmaceutical Industrial Co., Ltd., 3333-26, Aza Asayama, Oaza Kamitazuna, Takahagi-shi, Ibaraki 318-0004 (JP). **OKAZAWA, Yutaka** [JP/JP]; Kyokuto Pharmaceutical Industrial Co., Ltd., 3333-26, Aza Asayama, Oaza Kamitazuna, Takahagi-shi, Ibaraki 318-0004 (JP). **IYANO, Kazunobu** [JP/JP]; Kyokuto Pharmaceutical Industrial Co., Ltd., 3333-26, Aza Asayama, Oaza Kamitazuna, Takahagi-shi, Ibaraki 318-0004 (JP). **HATTORI, Noriaki** [JP/JP]; Kikkoman Corporation, 339, Noda, Noda-shi, Chiba 278-8601 (JP).

(74) **TSUKUNI, Hajime**; SVAX TS Building, 22-12, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

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

(11) **WO 98/53097** (13) A2

(21) PCT/CA98/00488

(22) **21 May/mai 1998 (21.05.1998)**

(25) en (26) en

(31) 08/861,774 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C12Q 1/68**

(54) ● METHOD FOR ISOLATION OF BIOSYNTHESIS GENES FOR BIOACTIVE MOLECULES

● METHODE D'ISOLEMENT POUR LES GENES DE BIOSYNTHESE DE MOLECULES BIOACTIVES

(71) **TERRAGEN DIVERSITY INC.** [CA/CA]; University of British Columbia, Suite 300, 2386 East Mall, Vancouver, British Columbia V6T 1Z3 (CA).

(72) **WATERS, Barbara**; 5706 Timbervalley Road, Delta, British Columbia V4L 2E6 (CA). **MIAO, Vivian, P. W.**; 13750 31 Avenue, Surrey, British Columbia V4P 2B7 (CA). **YAP, Wai, Ho**; 5 Elite Terrace, Singapore 458748 (SG). **SEOW, Kah, Tong**; 8 Jin Aneka, Serene Park, Johor Baru, Johor 80300 (MY).

(74) **DEETH WILLIAMS WALL**; National Bank Building, Suite 400, 150 York Street, Toronto, Ontario M5H 3S5 (CA).

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

(11) **WO 98/53098** (13) A1

(21) PCT/EP97/04955

(22) **10 Sep/sep 1997 (10.09.1997)**

(25) de (26) de

(31) 197 21 327.8 (32) **21 May/mai 1997 (21.05.1997)** (33) DE

(31) 197 39 612.7 (32) **9 Sep/sep 1997 (09.09.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C12Q 1/68**

(54) ● METHOD AND KIT FOR DETECTING DNA MUTATIONS USING RESTRICTION ENZYMES

● PROCÉDE ET TROUSSE POUR LA DETECTION DE MUTATIONS DANS DES ADN A L'AIDE D'ENZYMES DE RESTRICTION

(71) **GESELLSCHAFT FÜR BIOTECHNOLOGISCHE FORSCHUNG MBH (GBF)** [DE/DE]; Mascheroder Weg 1, D-38124 Braunschweig (DE).

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(72, 75) **BILITEWSKI, Ursula** [DE/DE]; Mascheroder Weg 1, D-38124 Braunschweig (DE). **KUHLMEIER, Dirk** [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) AU CA JP RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/53099** (13) A1

(21) PCT/FR98/01008

(22) **20 May/mai 1998 (20.05.1998)**

(25) fr (26) fr

(31) 97/06102 (32) **20 May/mai 1997 (20.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C12Q 1/68, C12N 15/10**

(54) ● METHOD FOR DETECTING QUALITATIVE AND QUANTITATIVE ALTERATIONS IN DNA AND LIGANDS OF SAID ALTERATION LIGANDS

● PROCÉDE DE DETECTION QUALITATIVE ET QUANTITATIVE D'ALTERATIONS DE L'ADN ET DES LIGANDS DE CES ALTERATIONS

(71) **GENOLIFE** [FR/FR]; Biopôle Clermont-Limagne, Saint-Beauzire, F-63360 Gerzat (FR).

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(72, 75) **CHAUBRON, Franck** [FR/FR]; 61, rue des Gravouzes, F-63400 Chamalières (FR). **PROVOT, Christian** [FR/FR]; Genolife, Biopôle Clermont-Limagne, Saint-Beauzire, F-63360 Gerzat (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/53100** (13) A1

(21) PCT/IT98/00130

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) RM97A000304 (32) **22 May/mai 1997 (22.05.1997)** (33) IT

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C12Q 1/68, 1/70, G01N 33/566, 33/58**

(54) ● METHOD BASED ON THE USE OF BACTERIOPHAGES FOR THE DETECTION OF BIOLOGICAL MOLECULES IN BIOLOGICAL SAMPLES

● PROCÉDE BASE SUR L'UTILISATION DE BACTERIOPHAGES POUR LA DETECTION DE MOLECULES BIOLOGIQUES DANS DES ECHANTILLONS BIOLOGIQUES

(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) **CORTESE, Riccardo** [IT/IT]; Via Massimiliano Massimo, 16, I-00144 Roma (IT). **MONACI, Paolo** [IT/IT]; Via Appia Nuova, 420, I-00181 Roma (IT).

(74) **GILBERTO, Tonon** 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 NO NZ US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/53101** (13) A2

(21) PCT/US98/10259

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 60/047,181 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **C12Q 1/68**

(54) ● METHODS AND COMPOSITION TO IDENTIFY SWINE GENETICALLY RESISTANT TO F18 *E. COLI* ASSOCIATED DISEASES

● METHODES ET COMPOSITIONS D'IDENTIFICATION DES PORCS GENETIQUEMENT RECEPTIFS A DES MALADIES ASSOCIEES AU F18 *E. COLI*

(63) US 60/047,181 (CIP)
20 May/mai 1997 (20.05.1997)

- (71) **BIOTECHNOLOGY RESEARCH & DEVELOPMENT CORPORATION** [US/US]; 1815 North University Street, Peoria, IL 61604 (US).
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- (72, 75) **BOSWORTH, Brad, T.** [US/US]; R.R. #1, Box 182, Nevada, IA 50201 (US).
- (74) **MARTIN, Alice, O.**; Brinks Hofer Gilson & Lione, NBC Tower - Suite 3600, 455 North Cityfront Plaza Drive, Chicago, IL 60611-5599 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53102** (13) A1
(21) PCT/US98/10318
(22) **20 May/mai 1998 (20.05.1998)**
(25) en (26) en
(31) 60/047,181 (32) **20 May/mai 1997 (20.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **C12Q 1/68, C07K 14/47**
(54) ● METHODS AND COMPOSITIONS TO IDENTIFY SWINE GENETICALLY RESISTANT TO F18 *E. COLI* ASSOCIATED DISEASES
● METHODES ET COMPOSITIONS D'IDENTIFICATION DES PORCS GENETIQUEMENT RECEPTIFS A DES MALADIES ASSOCIEES AU F18 *E. COLI*
- (63) US 60/047,181 (CIP)
20 May/mai 1997 (20.05.1997)
- (71) **BIOTECHNOLOGY RESEARCH AND DEVELOPMENT CORPORATION** [US/US]; 1815 N. University Street, Peoria, IL 61604 (US). **U.S. DEPARTMENT OF AGRICULTURE** [US/US]; Washington, DC 20250 (US). **SWISS FEDERAL INSTITUTE OF TECHNOLOGY ZURICH** [CH/CH]; Ramistrasse 101, ETH-Zentrum, CH-8092 Zurich (CH).
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- (72, 75) **BOSWORTH, Brad, T.** [US/US]; R.R. #1, Box 182, Nevada, IA 50201 (US). **VOGELI, Peter** [CH/CH]; Adamenghessdhen #12, CH-8180 Buelad (CH).
- (74) **MARTIN, Alice, O.**; Brinks Hofer Gilson & Lione, NBC Tower, Suite 3600, 455 North Cityfront Plaza Drive, Chicago, IL 60611-5599 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (11) **WO 98/53103** (13) A1
(21) PCT/US98/10561
(22) **21 May/mai 1998 (21.05.1998)**
(25) en (26) en
- (31) 08/859,998 (32) **21 May/mai 1997 (21.05.1997)** (33) US
(31) 09/053,375 (32) **31 Mar/mar 1998 (31.03.1998)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **C12Q 1/68, C12P 19/34, C07H 21/02, 21/04**
(54) ● NUCLEIC ACID ARRAYS
● ENSEMBLES D'ACIDE NUCLEIQUE
- (71) **CLONTECH LABORATORIES, INC.** [US/US]; 1020 East Meadow Circle, Palo Alto, CA 94303 (US).
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- (72, 75) **CHENCHIK, Alex** [RU/US]; 670 San Antonio Road #30, Palo Alto, CA 94306 (US). **JO-KHADZE, George** [GE/US]; 360 Chiquita Avenue #9, Mountain View, CA 94041 (US). **BIBILASH-VILLI, Robert** [RU/RU]; 43 Kutuzovsky Prospect #85, Moscow, 121170 (RU).
- (74) **FIELD, Bret, E.**; 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53104** (13) A2
(21) PCT/GB98/01428
(22) **18 May/mai 1998 (18.05.1998)**
(25) en (26) en
(31) 9710154.7 (32) **16 May/mai 1997 (16.05.1997)** (33) GB
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **C12Q 1/70, C07K 16/10, G01N 33/569 // C07K 14/15, C12N 15/48**
(54) ● DETECTION OF RETROVIRAL SUBTYPES BASED UPON ENVELOPE SPECIFIC SEQUENCES
● DETECTION DE SOUS-TYPES RETROVIRAUX BASEE SUR DES SEQUENCES SPECIFIQUES D'UNE ENVELOPPE
- (71) **MEDICAL RESEARCH COUNCIL** [GB/GB]; 20 Park Crescent, London W1N 4AL (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **STOYE, Jonathan, Paul** [GB/GB]; 28A Seaman Close, Park Street, St. Albans, Herts AL2 2NX (GB). **WEISS, Robin, Anthony** [GB/GB]; 25 Cyprus Avenue, Finchley, London N3 1SS (GB).
- (74) **BRASNETT, Adrian, H.** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53105** (13) A1
(21) PCT/US98/10639
(22) **21 May/mai 1998 (21.05.1998)**
(25) en (26) en
(31) 60/047,280 (32) **21 May/mai 1997 (21.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **C12S 13/00, C05F 17/00**
(54) ● METHOD FOR THE DECONTAMINATION OF SOIL CONTAINING SOLID ORGANIC EXPLOSIVES THEREIN
● PROCEDE DE DECONTAMINATION D'UN SOL CONTENANT DES EXPLOSIFS ORGANIQUES SOLIDES
- (71) **LOCKHEED MARTIN IDAHO TECHNOLOGIES COMPANY** [US/US]; P.O. Box 1625, Idaho Falls, ID 83415-3899 (US).
- (72) **RADTKE, Corey, W.**; 1288 Austin Avenue, Idaho Falls, IL 83404 (US). **ROBERTO, Francisco, F.**; 2157 Brandon Drive, Idaho Falls, ID 83402 (US).
- (74) **KIRSCH, Alan, D.**; Lockheed Martin Idaho Technologies Company, P.O. Box 1625, Idaho Falls, ID 83415-3899 (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 GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (11) **WO 98/53106** (13) A1
(21) PCT/IB98/00685
(22) **8 May/mai 1998 (08.05.1998)**
(25) en (26) en
(31) UD97A000098 (32) **23 May/mai 1997 (23.05.1997)** (33) IT
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **C21C 5/56, F27D 13/00, F27B 3/18, C21C 5/52**
(54) ● LOADING SYSTEM FOR ELECTRIC ARC FURNACES
● SYSTEME DE CHARGEMENT POUR FOURS A ARC ELECTRIQUE
- (71) **DANIELI & C. OFFICINE MECCANICHE S.P.A.** [IT/IT]; Via Nazionale, I-33042 Buttrio (IT).
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- (72, 75) **GIANNOULIDIS, Ioannis** [GR/IT]; Via De Gasperi, 1, I-27012 Certosa Di Pavia (IT). **DELLA NEGRA, Angelico** [IT/IT]; Via Ellero, 23, I-33040 Povoletto (IT). **LOSCIALE, Matteo, Vittorio** [IT/IT]; Via Canada, 2F, I-33100 Udine (IT).
- (74) **PETRAZ, Gilberto**; GLP S.r.l., Piazzale Cavedalis, 6/2, I-33100 Udine (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53107** (13) A1
 (21) PCT/US97/15601
 (22) **5 Sep/sep 1997 (05.09.1997)**
 (25) en (26) en
 (31) 08/858,744 (32) **19 May/mai 1997 (19.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **C21D 9/08, 7/12, B29C 1/00, 7/00**
 (54) ● METHOD OF MANUFACTURING EJECTOR PIN SLEEVES
 ● PROCEDE DE FABRICATION DE DOUILLES DE GOUPILLES D'EJECTEURS
 (71) **D-M-E COMPANY** [US/US]; 29111 Stephenson Highway, Madison Heights, MI 48071 (US).
 (72) **LAWRENCE, David, E.**; 22243 Marine, East Point, MI 48021 (US).
 (74) **FRISKNEY, Stephen, H.**; 4701 Marburg Avenue, Cincinnati, OH 45209 (US).
 (81) AU BR CA MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/53108** (13) A1
 (21) PCT/BE98/00068
 (22) **14 May/mai 1998 (14.05.1998)**
 (25) nl (26) en
 (31) 9700433 (32) **16 May/mai 1997 (16.05.1997)** (33) BE
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **C22B 1/00, 21/00, 7/00, F23G 5/30, 7/00**
 (54) ● FLUIDISED BED METHOD FOR THE RECOVERY OF METAL FROM ORGANICS-CONTAINING METAL WASTE
 ● PROCEDE A LIT FLUIDISE POUR LA RECUPERATION DE METAL DANS DES DECHETS DE METAL CONTENANT DES MATIERES ORGANIQUES
 (71) **SEGHERS BETTER TECHNOLOGY GROUP** [BE/BE]; 't Hoofd 1, B-2830 Willebroek (BE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **VAN CRAEN, Marc** [BE/BE]; Canadadreef 11, B-2270 Herenthout (BE). **VERMEULEN, Pol** [BE/BE]; Hospicestraat 14, B-9180 Moerbeke-Waas (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/53109** (13) A1
 (21) PCT/BE98/00075
 (22) **25 May/mai 1998 (25.05.1998)**

- (25) nl (26) en
 (31) 97201536.6 (32) **23 May/mai 1997 (23.05.1997)** (33) EP
 (34) AT et al. / etc.
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **C22C 18/00, C23C 2/06**
 (54) ● ALLOY AND PROCESS FOR GALVANIZING STEEL
 ● ALLIAGE ET PROCEDE DE GALVANISATION D'ACIER
 (71) **N.V. UNION MINIERE S.A.** [BE/BE]; 31, rue du Marais, B-1000 Brussels (BE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **GILLES, Michael** [BE/BE]; 10, Dr.-Verwaeststraat, B-2440 Geel (BE).
 (74) **PILATE, André**; N.V. Union Minière S.A., 7, Kasteelstraat, B-2250 Olen (BE).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/53110** (13) A1
 (21) PCT/US98/10034
 (22) **15 May/mai 1998 (15.05.1998)**
 (25) en (26) en
 (31) 60/046,941 (32) **19 May/mai 1997 (19.05.1997)** (33) US
 (31) 60/048,694 (32) **6 Jun/juin 1997 (06.06.1997)** (33) US
 (31) 08/879,331 (32) **20 Jun/juin 1997 (20.06.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **C22C 38/00, 38/12, 38/14**
 (54) ● LINEPIPE AND STRUCTURAL STEEL PRODUCED BY HIGH SPEED CONTINUOUS CASTING
 ● TUBE DE CANALISATION ET ACIER DE CONSTRUCTION PRODUITS PAR COULEE CONTINUE A GRANDE VITESSE
 (71) **AMERICAN CAST IRON PIPE COMPANY** [US/US]; P.O. Box 2727, Birmingham, AL 35202 (US).
 (72) **GRAY, John, Malcolm**; 9025 Briar Forest Drive, Houston, TX 77024 (US).
 (74) **KERINS, John, C.**; Kerkam, Stowell, Kondracki & Clarke, P.C., Suite 600, 5203 Leesburg Pike, Two Skyline Place, Falls Church, VA 22041 (US).
 (81) BR CA JP KR MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/53111** (13) A1
 (21) PCT/DE98/01162

- (22) **22 Apr/avr 1998 (22.04.1998)**
 (25) de (26) de
 (31) 197 21 866.0 (32) **16 May/mai 1997 (16.05.1997)** (33) DE

- (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **C22F 1/04, B21B 3/00**
 (54) ● METHOD AND INSTALLATION FOR PRODUCING HOT ROLLED ALUMINIUM TAPE INTENDED FOR CAN MAKING
 ● PROCEDE ET INSTALLATION DE FABRICATION DE BANDE POUR BOITES DE CONSERVE EN ALUMINIUM LAMINEE A CHAUD
 (71) **MANNESMANN AG** [DE/DE]; Mannesmannufer 2, D-40213 Düsseldorf (DE). **VAW ALUMINIUM AG** [DE/DE]; Georg-von-Boeselager-Strasse 25, D-53117 Bonn (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **FINCK, Reimar** [DE/DE]; Rheinstrasse 49, D-47906 Kempen (DE). **HIRSCH, Jürgen** [DE/DE]; Mühlenstrasse 77, D-53347 Alfiter-Oedekoven (DE).
 (74) **MEISSNER, Peter, E.** et al. / etc.; Hohenzollern-damm 89, D-14199 Berlin (DE).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/53112** (13) A1
 (21) PCT/AU98/00346
 (22) **11 May/mai 1998 (11.05.1998)**
 (25) en (26) en
 (31) PO 6881 (32) **19 May/mai 1997 (19.05.1997)** (33) AU
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **C23C 2/20, B05C 11/06**
 (54) ● IMPROVEMENTS IN JET STRIPPING APPARATUS
 ● AMELIORATIONS APORTEES A UN APPAREIL D'ELIMINATION PAR JET
 (71) **BHP STEEL (JLA) PTY. LTD.** [AU/AU]; 600 Bourke Street, Melbourne, VIC 3000 (AU).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **TU, Cat** [AU/AU]; 31 Brokers Road, Balgownie, NSW 2519 (AU).
 (74) **CARTER SMITH & BEADLE**; 2 Railway Parade, P.O. Box 557, Camberwell, VIC 3124 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/53113** (13) A1
 (21) PCT/EP98/03169

- (22) **20 May/mai 1998 (20.05.1998)**
 (25) de (26) de
 (31) 197 21 796.6 (32) **24 May/mai 1997 (24.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ C23C 4/10, F01N 7/14, 7/10

- (54) ● MOTOR VEHICLE COMPONENT FOR EXHAUST GAS ROUTING
● ELEMENT CONDUCTEUR DES GAZ D'ÉCHAPPEMENT POUR VÉHICULE

(71) AUDI AG [DE/DE]; D-85045 Ingolstadt (DE);
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAUER, Hans [DE/DE]; Fliederstrasse 40, D-91126 Rednitzhembach (DE).

(74) LE VRANG, Klaus et al. / etc.; Audi AG, Abteilung I/EK-P, D-85045 Ingolstadt (DE).

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

Published / Publiée : (c)

(11) WO 98/53114 (13) A1

(21) PCT/DE98/01340

(22) 14 May/mai 1998 (14.05.1998)

(25) de (26) de

(31) 197 21 080.5 (32) 20 May/mai 1997 (33) DE (20.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ C23C 8/80

- (54) ● METHOD FOR COVERING A COMPONENT WITH A CORROSION INHIBITING FOREIGN OXIDE COATING AND COMPONENT COVERED WITH ONE SUCH COATING

- PROCÉDE POUR REVETIR UN COMPOSANT AVEC UNE COUCHE D'OXYDE ÉTRANGER A EFFET INHIBITEUR DE CORROSION, ET COMPOSANT AINSI REVETU

(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) HENZEL, Norbert [DE/DE]; Friedrich-Bauer-Strasse 42, D-91058 Erlangen (DE); STELLWAG, Bernhard [DE/DE]; Kühgaßfelderweg 1, D-90482 Nürnberg (DE).

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

Published / Publiée : (c)

(11) WO 98/53115 (13) A1

(21) PCT/CH98/00200

(22) 14 May/mai 1998 (14.05.1998)

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(31) 97810313.3 (32) 21 May/mai 1997 (33) EP (21.05.1997)

(34) AT et al. / etc.

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ C23C 14/10, G02B 5/28, C23C 28/00

- (54) ● PACKAGING MATERIAL
● MATÉRIEL D'EMBALLAGE

(71) ALUSUISSE TECHNOLOGY & MANAGEMENT AG [CH/CH]; CH-8212 Neuhausen am Rheinfall (CH);
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LOHWASSER, Wolfgang [DE/DE]; Friedhofstrasse 4, D-78262 Gailingen (DE); ZEITER, Patrik [CH/CH]; Krähbühlstrasse 126, CH-8044 Zürich (CH).

(74) ALUSUISSE TECHNOLOGY & MANAGEMENT AG; CH-8212 Neuhausen am Rheinfall (CH).

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

(11) WO 98/53116 (13) A1

(21) PCT/US98/10417

(22) 21 May/mai 1998 (21.05.1998)

(25) en (26) en

(31) 08/861.958 (32) 22 May/mai 1997 (33) US (22.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ C23C 14/24, H01L 21/306

- (54) ● METHOD AND APPARATUS FOR LOW PRESSURE SPUTTERING
● PROCÉDE ET APPAREIL DE PULVERISATION A BASSE PRESSION

(71) TOKYO ELECTRON ARIZONA, INC. [US/US]; 2120 W. Guadalupe Road, Gilbert, AZ 85233-8205 (US).

(72) LANTSMAN, Alexander, D.; 4 Kennedy Terrace, Middletown, NY 10940 (US).

(74) JORDAN, Joseph, R. et al. / etc.; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202 (US).

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

Published / Publiée : (c)

(11) WO 98/53117 (13) A1

(21) PCT/US98/10516

(22) 21 May/mai 1998 (21.05.1998)

(25) en (26) en

(31) 08/861.649 (32) 22 May/mai 1997 (33) US (22.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ C23C 14/34

- (54) ● APPARATUS AND METHOD FOR SPUTTER DEPOSITING DIELECTRIC FILMS ON A SUBSTRATE

- APPAREIL ET PROCÉDE DE DEPOT PAR PULVERISATION CATHODIQUE DE FILMS DIELECTRIQUES SUR UN SUBSTRAT

(71) TOKYO ELECTRON ARIZONA, INC. [US/US]; 2120 West Guadalupe Road, Gilbert, AZ 85233 (US).

(72) LANTSMAN, Alexander, D.; 4 Kennedy Terrace, Kennedy, NY 10940 (US).

(74) SUMME, Kurt, A. 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) WO 98/53118 (13) A1

(21) PCT/US98/10457

(22) 19 May/mai 1998 (19.05.1998)

(25) en (26) en

(31) 08/862.886 (32) 23 May/mai 1997 (33) US (23.05.1997)

(31) 08/862.970 (32) 23 May/mai 1997 (33) US (23.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ C23D 5/00, F24C 15/00, C03C 8/20

- (54) ● INFRARED ENERGY REFLECTING COMPOSITION AND METHOD OF MANUFACTURE

- COMPOSITION AMELIOREE REFLECHISSANT L'ÉNERGIE INFRAROUGE ET PROCÉDE DE FABRICATION

(71) GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) VENKATARAMANI, Venkat, Subramaniam; 5 Saxony Street, Clifton Park, NY 12065 (US); GEISE, Douglas, Dwight; 8411 Michael Edward Drive, Louisville, KY 40291 (US).

(74) STECKLER, Henry, I. et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

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

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(11) WO 98/53119 (13) A1

(21) PCT/EP98/02818

(22) 13 May/mai 1998 (13.05.1998)

(25) de (26) de

(31) 197 21 346.4 (32) 22 May/mai 1997 (33) DE (22.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ C23F 11/10

- (54) ● USE OF POLYMERS CONTAINING ASPARAGINIC ACID IN COMBINATION WITH HYDROXYCARBOXYLIC ACIDS OR POLYCARBOXYLIC ACIDS FOR INHIBITING CORROSION IN COOLING CIRCUITS

- UTILISATION CONJOINTE DE POLYMERES CONTENANT DE L'ACIDE ASPARTIQUE ET D'ACIDES HYDROXYCARBOXYLIQUES OU D'ACIDES POLYCARBOXYLIQUES POUR INHIBER LA CORROSION DANS DES CIRCUITS DE REFROIDISSEMENT

(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) MAYER, Bernd [DE/DE]; Hospitalstrasse 18, D-40597 Düsseldorf (DE); HATER, Wolfgang [DE/DE]; Schleheweg 16, D-41564 Kaarst (DE); HELLER, Melita [DE/DE]; Werstener Dorfstrasse 45, D-40591 Düsseldorf (DE).

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

(11) WO 98/53120 (13) A1

(21) PCT/IB98/00779

(22) 19 May/mai 1998 (19.05.1998)

- (25) en (26) en
 (31) PCT/IB97/00589 (32) **23 May/mai 1997** (33) WO (23.05.1997)
 (34) AT et al. / etc.
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **C25C 3/08, 3/16**
 (54) ● ALUMINIUM PRODUCTION CELL AND CATHODE
 ● CELLULE DE PRODUCTION D'ALUMINIUM ET CATHODE
 (71) **MOLTECH INVENT S.A.** [LU/LU]; 68-70, boulevard de la Pétrusse, L-2320 Luxembourg (LU). *(for all designated States except / pour tous les États désignés sauf US)*
 (72, 75) **BERCLAZ, Georges** [CH/CH]; Avenue Saint-François, CH-3968 Veyras (CH). **DE NORA, Vittorio** [IT/BS]; Sandrigham House, Nassau (BS).
 (74) **CRONIN, Brian**; Moltech S.A., 9, route de Troinex, CH-1227 Carouge (CH).
 (81) AT AU BR CA CH CN CZ DE ES GB IS JP KR MX NO NZ PL RO RU SE SI SK TJ UA US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/53121** (13) A1
 (21) PCT/US98/10346
 (22) **20 May/mai 1998 (20.05.1998)**
 (25) en (26) en
 (31) 08/862,148 (32) **22 May/mai 1997** (33) US (22.05.1997)
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **C25F 7/00**
 (54) ● TUBE INNER SURFACE ELECTROPOLISHING DEVICE
 ● DISPOSITIF DE POLISSAGE ELECTROLYTIQUE DE SURFACES INTERNES DE TUBES
 (71) **THERMA CORPORATION, INC.** [US/US]; 2051 Ringwood Avenue, San Jose, CA 95131 (US).
 (72) **LORINCZ, Thomas**; 2820 Thomas Road, Hollister, CA 95023 (US). **PARISI, Joseph, P.**; 156 Isabella Avenue, Atherton, CA 94027 (US).
 (74) **HAMRICK, Claude, A., S.** et al. / etc.; Oppenheimer Wolff & Donnelly LLP, Suite 600, Ten Almaden Boulevard, San Jose, CA 95113 (US).
 (81) AU CA CN IL JP KR MX NO NZ RU SG TR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/53122** (13) A1
 (21) PCT/FR98/00976
 (22) **15 May/mai 1998 (15.05.1998)**
 (25) fr (26) fr
 (31) 97/06046 (32) **16 May/mai 1997** (33) FR (16.05.1997)
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **C30B 11/00**
 (54) ● DEVICE FOR SOLIDIFICATION AND CONTINUOUS CONTROL OF CRYSTAL GROWTH
 ● DISPOSITIF DE SOLIDIFICATION ET DE CONTROLE EN CONTINU DE LA CROISSANCE CRISTALLINE
 (71) **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31-33, rue de la Fédération, F-75015 Paris (FR). **CENTRE NATIONAL D'ETUDES SPATIALES** [FR/FR]; 2, place Maurice Quentin, F-75015 Paris (FR). *(for all designated States except / pour tous les États désignés sauf US)*
 (72, 75) **KERNEVEZ, Nelly** [FR/FR]; 3, rampe de la Rochette, F-38700 Corenc (FR). **WALÉS, Bernard** [FR/FR]; 17, rue du Rachais Poisat, F-38320 Eybens (FR). **BORGIS, André** [FR/FR]; 3, place Vaucanson, F-38000 Grenoble (FR). **ROLLAND, Emmanuel** [FR/FR]; 228, route du Bon Repos, Le Pré de la Fleury, Lot no. 7, F-38560 Jarrie (FR).
 (74) **BREVATOME**; 25, rue de Ponthieu, F-75008 Paris (FR).
 (81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/53123** (13) A1
 (21) PCT/FR98/01013
 (22) **20 May/mai 1998 (20.05.1998)**
 (25) fr (26) fr
 (31) 97/06175 (32) **21 May/mai 1997** (33) FR (21.05.1997)
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **C30B 19/06, 19/04**
 (54) ● EPITAXY BOAT AND METHOD FOR LIQUID PHASE EPITAXIAL DEPOSIT OF CDHGTE
 ● NACELLE D'EPITAXIE ET PROCEDE POUR DEPOT D'UNE COUCHE DE CdHgTe PAR EPITAXIE EN PHASE LIQUIDE
 (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) **PELLICIARI, Bernard** [FR/FR]; 10, chemin La Bourrelière, F-38120 Saint-Egrève (FR). **POLGE, Bernard** [FR/FR]; 2, rue Jean-Baptiste Pradel, F-38000 Grenoble (FR).
 (74) **BREVATOME**; 25, rue de Ponthieu, F-75008 Paris (FR).
 (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/53124** (13) A1
 (21) PCT/US98/10368
 (22) **20 May/mai 1998 (20.05.1998)**
 (25) en (26) en
 (31) 08/859,960 (32) **21 May/mai 1997** (33) US (21.05.1997)
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **C30B 23/04, 25/04, 29/04**
 (54) ● A PROCESS FOR GROWING A CARBON FILM
 ● PROCEDE DE FORMATION D'UN FILM DE CARBONE
 (71) **SI DIAMOND TECHNOLOGY, INC.** [US/US]; 12100-A Technology Boulevard, Austin, TX 78727 (US).
 (72) **YANIV, Zvi**; 5810 Long Court, Austin, TX 78730 (US). **FINK, Richard, Lee**; 11406 Bunting Drive, Austin, TX 78759 (US). **TOLT, Zhidan, Le**; 7920 San Felipe Boulevard #1412, Austin, TX 78729 (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 CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/53125** (13) A1
 (21) PCT/JP98/02197
 (22) **20 May/mai 1998 (20.05.1998)**
 (25) ja (26) ja
 (31) 9/170902 (32) **23 May/mai 1997** (33) JP (23.05.1997)
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **C30B 29/36**
 (54) ● SINGLE CRYSTAL SILICON CARBIDE AND PROCESS FOR PREPARING THE SAME
 ● CARBURE DE SILICIUM MONOCRYSTALLIN ET SON PROCEDE DE PREPARATION
 (71) **NIPPON PILLAR PACKING CO., LTD.** [JP/JP]; 11-48, Nonakaminami 2-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0022 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
 (72, 75) **TANINO, Kichiya** [JP/JP]; Nippon Pillar Packing Co., Ltd., Sanda Factory, 541-1, Aza-Utsuba, Shimouchigami, Sanda-shi, Hyogo 669-1333 (JP).
 (74) **SUZUYE, Koichi** et al. / etc.; Osaka Fukokuseimei Building, Room 607, 2-4, Komatsubaracho, Kita-ku, Osaka-shi, Osaka 530-0018 (JP).
 (81) RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/53126** (13) A1
 (21) PCT/JP98/02215
 (22) **20 May/mai 1998 (20.05.1998)**
 (25) ja (26) ja
 (31) 9/129740 (32) **20 May/mai 1997** (33) JP (20.05.1997)
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **D01F 6/62, D03D 15/00**
 (54) ● POLYESTER FIBER AND PROCESS FOR PREPARING THE SAME
 ● FIBRE DE POLYESTER ET SON PROCEDE DE PREPARATION
 (71) **TORAY INDUSTRIES, INC.** [JP/JP]; 2-1, Nihonbashi Muromachi 2-chome, Chuo-ku, Tokyo 103-8666 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
 (72, 75) **TAGUCHI, Setsuo** [JP/JP]; 32-5, Nango 4-chome, Otsu-shi, Shiga 520-0865 (JP). **OTÁ, Ryuji** [JP/JP]; 15-1, Sonoyama 2-chome, Otsu-shi, Shiga 520-0842 (JP). **SHIMOYAMA, Satoru** [JP/JP]; 21-20, Kitaaji 3-chome, Otsu-shi, Shiga 520-0843 (JP). **FUJIMOTO, Masumi** [JP/JP]; 45-6, Kokubu 1-chome, Otsu-shi, Shiga 520-0844 (JP).
 (81) CN KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/53127** (13) A1
 (21) PCT/US98/09896
 (22) **20 May/mai 1998 (20.05.1998)**
 (25) en (26) en

(31) 60/047,302 (32) **20 May/mai 1997** (33) US
(20.05.1997)

(31) 09/045,627 (32) **19 Mar/mar 1998** (33) US
(19.03.1998)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **D01F 8/00, D02J 1/02**

(54) ● POLYMER ADDITIVE FOR FIBER DYE ENHANCEMENT
● ADDITIF DE POLYMERES DESTINE A L'ACTIVATION D'UNE COLORATION DE FIBRES

(71) **HENKEL CORPORATION** [US/US]; Suite 200, 2500 Renaissance Boulevard, Gulph Mills, PA 19406 (US).

(72) **ROSS, Stanley, E.**; 201 Bloomfield Lane, Greer, SC 29650-3808 (US).

(74) **DRACH, John, E.**; Henkel Corporation, Suite 200, 2500 Renaissance Boulevard, Gulph Mills, PA 19406 (US).

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

(11) **WO 98/53128** (13) A1

(21) PCT/CH98/00212

(22) **22 May/mai 1998** (22.05.1998)

(25) de (26) de

(31) 197 21 163.1 (32) **21 May/mai 1997** (33) DE
(21.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **D01G 15/76, 19/22, 37/00**

(54) ● TEXTILE MACHINE
● MACHINE TEXTILE

(71) **MASCHINENFABRIK RIETER AG** [CH/CH]; Klosterstrasse 20, CH-8406 Winterthur (CH).

(72) **SLAVIK, Walter**; Stadacherstrasse 41, CH-8320 Fehraltorf (CH). **CAVADINI, Flavio**; Hüsliweg 5, CH-8405 Winterthur (CH). **PIETRINI, Viktor**; Weingartenstrasse 20, CH-8372 Wiezikon b. Sirmach (CH).

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

(11) **WO 98/53129** (13) A1

(21) PCT/DE98/01185

(22) **29 Apr/avr 1998** (29.04.1998)

(25) de (26) de

(31) 197 20 634.4 (32) **16 May/mai 1997** (33) DE
(16.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **D03C 7/08, D03D 47/40**

(54) ● METHOD FOR MAKING A SELVEDGE AND A BUTT EDGE WHEN PRODUCING A FABRIC ON WEAVING MACHINES, AND DEVICE FOR IMPLEMENTING IT

● PROCEDE DE FORMATION D'UNE LISIERE ET D'UN BORD DE TALON LORS DE LA FABRICATION D'UN TISSU SUR DES METIERS A TISSER, ET DISPOSITIF DE MISE EN OEUVRE DU PROCEDE

(71) **LINDAUER DORNIER GESELLSCHAFT MBH** [DE/DE]; Rickenbacher Strasse 119, D-88129 Lindau (DE).

(72) **KRUMM, Valentin**; Mollenberg 38, D-88138 Hergensweiler (DE).

(81) BR CN CZ ID KR RU TR.

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(11) **WO 98/53130** (13) A1

(21) PCT/US98/08895

(22) **18 May/mai 1998** (18.05.1998)

(25) en (26) en

(31) 08/859,537 (32) **20 May/mai 1997** (33) US
(20.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **D06F 1/12**

(54) ● DEVICE AND METHOD USED IN WASHING A BRASSIERE
● DISPOSITIF ET PROCEDE DE LAVAGE DE SOUTIEN-GORGE

(71) **SUTTON INTERNATIONAL, LLC** [US/US]; Suite B200, 24921 Data Point Harbor Drive, Dana Point, CA 92629 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUTTON, John, T.** [US/US]; Suite B200, 24921 Data Point Harbor Drive, Dana Point, CA 92629 (US).

(74) **CONNORS, John, J.**; Connors & Associates, Suite 220, 1600 Dove Street, Newport Beach, CA 92660-2427 (US).

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

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(21) PCT/IB98/00752

(22) **18 May/mai 1998** (18.05.1998)

(25) en (26) en

(31) 60/047,616 (32) **23 May/mai 1997** (33) US
(23.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **D06L 1/12, C11D 1/83, 1/86**

(54) ● WET CLEANING OF DELICATE, NON-STRUCTURED GARMENTS WITH MINIMIZED WRINKLING, SHRINKAGE AND COLOR DAMAGE
● NETTOYAGE PAR VOIE HUMIDE DE VETEMENTS DELICATS NON STRUCTURES AVEC UN MINIMUM DE FROISSEMENT, DE RETRECISSEMENT ET DE DOMMAGE AUX COULEURS

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
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(72, 75) **NAIR, Harikrishnan, Achuthan** [US/US]; Apartment A, 3713 Erie Avenue, Cincinnati, OH 45208 (US). **CAMPBELL, Melissa, LeAnn** [US/US]; 7312 Shasta Drive, 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) BR CA JP MX US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/53132** (13) A1

(21) PCT/JP98/02188

(22) **18 May/mai 1998** (18.05.1998)

(25) ja (26) ja

(31) 9/133923 (32) **23 May/mai 1997** (33) JP
(23.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **D06M 11/46**

(54) ● NATURAL FIBERS CONTAINING TITANIUM OXIDE AND PROCESS FOR PRODUCING THE SAME
● FIBRES NATURELLES CONTENANT DE L'OXYDE DE TITANE ET LEUR PROCEDE DE PRODUCTION

(71) **KYORASHA CO., LTD.** [JP/JP]; 539, Yamabushiyama-cho, Nishikikouji-agaru, Muro-machi-douri, Nakagyo-ku, Kyoto-shi, Kyoto 604-8156 (JP).
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(72, 75) **MORI, Takefumi** [JP/JP]; Moritoshi Kabushikikaisha, 77, Aza-Tsujinishi, Oaza-Tamanoi, Kiso-gawa-cho, Haguri-gun, Aichi 493-0004 (JP).

(74) **IKEUCHI, Hiroyuki** et al. / etc.; Umeda Plaza Building, Suite 401, 3-25, Nishitenma 4-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).

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

(11) **WO 98/53133** (13) A1

(21) PCT/US98/09807

(22) **12 May/mai 1998** (12.05.1998)

(25) en (26) en

(31) 08/858,739 (32) **19 May/mai 1997** (33) US
(19.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **D06P 3/79, 1/16**

(54) ● BLENDED DYES AND PROCESS FOR DYEING POLYPROPYLENE FIBERS
● MELANGE DE COLORANTS ET PROCEDE DE COLORATION DE FIBRES DE POLYPROPYLENE

(71) **EQUISTAR CHEMICALS, LP** [US/US]; Suite 1600, 1221 McKinney, P.O. Box 3646, Houston, TX 77010 (US).

(72) **BOYES, Geoffrey, E.**; 6226 Othella Circle, Roanoke, VA 24018 (US). **HERLANT, Michel, A.**; 5315 Witham Passage, Charlotte, NC 28215 (US).

(74) **HELMREICH, Loren, G.**; Suite 1800, 5718 Westheimer, Houston, TX 77057 (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 GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 9/131387 (32) **21 May/mai 1997 (21.05.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **D07B 1/06**

(54) ● STEEL WIRE AND METHOD OF MANUFACTURING THE SAME
● CABLE ACIER ET SON PROCEDE DE PRODUCTION

(71) **BRIDGESTONE METALPHA CORPORATION** [JP/JP]; 18-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).
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(72, 75) **KANEKO, Yoshikazu** [JP/JP]; Tochigi Plant, Bridgestone Metalpha Corporation, 800, Shimonakano, Kuroiso-shi, Tochigi 329-3146 (JP). **OBANA, Naohiko** [JP/JP]; Tochigi Plant, Bridgestone Metalpha Corporation, 800, Shimonakano, Kuroiso-shi, Tochigi 329-3146 (JP). **FUJITA, Masuhiro** [JP/JP]; Tochigi Plant, Bridgestone Metalpha Corporation, 800, Shimonakano, Kuroiso-shi, Tochigi 329-3146 (JP). **MASUBUCHI, Hideki** [JP/JP]; Tochigi Plant, Bridgestone Metalpha Corporation, 800, Shimonakano, Kuroiso-shi, Tochigi 329-3146 (JP). **KOBAYASHI, Toshiyuki** [JP/JP]; Tochigi Plant, Bridgestone Metalpha Corporation, 800, Shimonakano, Kuroiso-shi, Tochigi 329-3146 (JP).

(74) **HONDA, Ichiro**; 201, Kanda Chuo Building 2F, 5-7, Nishikanda 2-chome, Chiyoda-ku, Tokyo 101-0065 (JP).

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

(11) **WO 98/53135** (13) A1

(21) PCT/FI98/00426

(22) **20 May/mai 1998 (20.05.1998)**

(25) fi (26) en

(31) 972163 (32) **21 May/mai 1997 (21.05.1997)** (33) FI

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **D21D 5/02**

(54) ● BLADE ARRANGEMENT FOR PULP SCREENING APPARATUS
● AGENCEMENT DE RACLE POUR APPAREIL D'EPURATION DE PATE

(71) **VALMET CORPORATION** [FI/FI]; Panunkatu 6, FIN-00620 Helsinki (FI).
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(72, 75) **VALLI, Juhani** [FI/FI]; Väinämöisenkatu 21 D 34, FIN-33540 Tampere (FI).

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

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

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(31) 972195 (32) **23 May/mai 1997 (23.05.1997)** (33) FI

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **D21F 1/32**

(54) ● METHOD AND DEVICE FOR IMPROVING THE EFFICIENCY OF THE PAPER MANUFACTURING PROCESS

● PROCEDE ET DISPOSITIF D'AMELIORATION DU RENDEMENT D'UN PROCESSUS DE FABRICATION DE PAPIER

(71) **EV GROUP OY** [FI/FI]; Matkakuja 6 A 12, FIN-48600 Karhula (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOSKINEN, Pekka** [FI/FI]; Metsäkulmankatu 40, FIN-48910 Kotka (FI). **RISTOLA, Jari** [FI/FI]; Vanhamäentie 23, FIN-48300 Kotka (FI). **LAKANEN, Mikko** [FI/FI]; Lehtipolku 1, FIN-48300 Kotka (FI).

(74) **OY HEINÄNEN AB**; Annankatu 31-33 C, FIN-00100 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53137** (13) A1

(21) PCT/US98/10163

(22) **18 May/mai 1998 (18.05.1998)**

(25) en (26) en

(31) 08/858,334 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **D21F 11/00, F21V 17/02, 7/12, 7/16**

(54) ● APPARATUS FOR GENERATING CONTROLLED RADIATION FOR CURING PHOTOSENSITIVE RESIN

● APPAREIL PERMETTANT DE GENERER DES RAYONNEMENTS REGULES POUR DURCIR UNE RESINE PHOTOSENSIBLE

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

(72) **TROCKHAN, Paul, Dennis**; 1356 Warvel Road, Hamilton, OH 45013 (US). **VITENBERG, Vladimir**; Apartment 1401, 2200 Victory Parkway, Cincinnati, OH 45206 (US).

(74) **REED, David, T.** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 08/858,661 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(31) 08/858,662 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **D21F 11/00**

(54) ● CELLULOSIC WEB, METHOD AND APPARATUS FOR MAKING THE SAME USING PAPERMAKING BELT HAVING ANGLED CROSS-SECTIONAL STRUCTURE, AND METHOD OF MAKING THE BELT

● BANDE CELLULOISIQUE, PROCEDE ET APPAREIL PERMETTANT DE PRODUIRE LADITE BANDE A L'AIDE D'UNE COURROIE A STRUCTURE TRANSVERSALE ANGULAIRE, ET PROCEDE DE FABRICATION DE LADITE COURROIE

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

(72) **HUSTON, Larry, Leroy**; 8141 Pepperwood Drive, Cincinnati, 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(21) PCT/IT98/00118

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(25) en (26) en

(31) MI97A001203 (32) **22 May/mai 1997 (22.05.1997)** (33) IT

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **D21G 1/00**

- (54) ● CALENDER WITH A MAGNETIC DEVICE GENERATING THE CONTACT PRESSURE BETWEEN THE ROLLS
● CALANDRE AVEC DISPOSITIF MAGNETIQUE PRODUISANT UNE PRESSION DE CONTACT ENTRE LES ROULEAUX

(71) **SGM S.P.A.** [IT/IT]; Strada per Leno, 2/D, I-25025 Manerbio (IT).
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(72, 75) **MOLTENI, Danilo** [IT/IT]; Via Giovanni XXIII, 49, I-25025 Manerbio (IT).

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

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(11) **WO 98/53140** (13) A1

(21) PCT/FR97/01825

(22) **13 Oct/oct 1997 (13.10.1997)**

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(31) 97/06261 (32) **22 May/mai 1997 (22.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **D21G 3/00, B41F 9/10, C23C 4/06, 4/12**

(54) ● COMPOSITE BLADE USABLE IN PARTICULAR IN THE PAPER INDUSTRY

● LAME COMPOSITE UTILISABLE NOTAMMENT DANS L'INDUSTRIE PAPIETIERE

(71, 72) **KROPF, Laurent** [CH/CH]; Chemin de Sauffaz 5, CH-1303 Penthaiz (CH).

(72, 75) **HANSZ, Bernard** [FR/FR]; 3, rue du Mont Gargot, F-25600 Nommay (FR). **CODET, Christian** [FR/FR]; 19, Faubourg de Belfort, F-90200 Giromagny (FR). **LIAO, Han, Lin** [FR/FR]; 27, domaine du Salbert, F-90300 Cravanche (FR).

(74) **LEVY, David**; S.A. Fédit-Loriot & Autres, Conseils en Propriété Industrielle, 38, avenue Hoche, 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 98/53141** (13) A1

(21) PCT/US98/10385

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 08/862,612 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **D21H 19/28, C09D 167/04 // D21H 23:46**

(54) ● POLYLACTIDE COATED PAPER

● PAPIER ENDUIT DE POLYLACTIDE

(71) **CARGILL, INCORPORATED** [US/US]; 15407 McGinty Road, P.O. Box 5624, Minneapolis, MN 55391-2399 (US).

(72) **NANGERONI, James, Francis**; 16 Charter Circle, Doylestown, PA 18901 (US). **HARTMANN, Mark, H.**; 5474 Sanibel Drive, Minnetonka, MN 55343 (US). **IWEN, Matthew, L.**; 6311 Thomas Avenue South, Richfield, MN 55423 (US). **RYAN, Christopher, M.**; 9186 Quinwood Lane North, Maple Grove, MN 55369 (US). **KOLSTAD, Jeffrey, J.**; 16122 Ringer Road, Wayzata, MN 55391 (US). **MCCARTHY, Kevin, T.**; 8412 1st Avenue South, Bloomington, MN 55420 (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) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 972138 (32) **20 May/mai 1997 (20.05.1997)** (33) FI

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **D21H 23/58, B05C 1/04**

(54) ● RETURN TROUGH IN A COATER

● AUGÉ DE RETOUR POUR COUCHEUSE

(71) **VALMET CORPORATION** [FI/FI]; Panuntie 6, FIN-00620 Helsinki (FI).
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(72, 75) **RANTANEN, Rauno** [FI/FI]; Oksalanmäki, FIN-40950 Muurame (FI). **LUMMILA, Markku** [FI/FI]; Kaakkoiskaari 9, FIN-40530 Jyväskylä (FI).

(74) **LAINÉ, Seppo** et al. / etc.; Seppo Laine OY, Lönnrotinkatu 19 A, FIN-00120 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53143** (13) A1

(21) PCT/EP98/03069

(22) **25 May/mai 1998 (25.05.1998)**

(25) de (26) de

(31) 197 21 707.9 (32) **23 May/mai 1997 (23.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **D21H 25/18, F26B 7/00**

(54) ● METHOD FOR DRYING PAPER

● PROCEDE DE SECHAGE DU PAPIER

(71) **BECKER PRESERVOTEC GMBH** [DE/DE]; Friedrich-List-Strasse 9, D-71369 Winnenden (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BECKER, Ernst** [DE/DE]; Kreuzerstrasse 4, D-73663 Berglen (DE).

(74) **HANSMANN & VOGESER**; Albert-Rosshaupter-Strasse 65, D-81369 München (DE).

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

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(21) PCT/GB98/01474

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(25) en (26) en

(31) 9710323.8 (32) **21 May/mai 1997 (21.05.1997)** (33) GB

(31) 9807044.4 (32) **1 Apr/avr 1998 (01.04.1998)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **E01F 1/00, 9/047**

(54) ● ELEVATED PAVING STRUCTURE

● STRUCTURE REVETEMENT DE SOL SUR-ELEVÉE

(71, 72) **HOPE, Jeffrey, Ernest** [GB/GB]; Beeding Manor, Pound Lane, Upper Beeding, West Sussex BN44 3JF (GB).

(74) **FRANK B. DEHN & CO.**; 179 Queen Victoria Street, London EC4V 4EL (GB).

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

(11) **WO 98/53145** (13) A1

(21) PCT/EP98/03023

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 1006086 (32) **20 May/mai 1997 (20.05.1997)** (33) NL

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **E01F 9/04**

(54) ● RETROREFLECTING ROAD MARKING SYSTEM

● SYSTEME DE MARQUAGE ROUTIER RETROREFLECHISSANT

(71) **AKZO NOBEL N.V.** [NL/NL]; Velperweg 76, NL-6824 BM Arnhem (NL).
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(72, 75) **STOFFERS, Hendrik** [NL/NL]; Wilgenlaan 4, NL-8051 AW Hattem (NL). **NIEUWENHUIS, Klaas** [NL/NL]; Andoornstraat 8, NL-8181 CJ Heerde (NL).

(74) **SCHALKWIJK, Pieter, Cornelis**; Akzo Nobel N.V., Patent Dept. (Dept. APTA), P.O. Box 9300, NL-6800 SB Arnhem (NL).

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

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(11) **WO 98/53146** (13) A1

(21) PCT/EP98/02928

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(31) TO97000428 (32) **20 May/mai 1997 (20.05.1997)** (33) IT

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **E01F 15/04, 15/08**

- (54) ● **ROAD SAFETY BARRIER**
● **RAMBARDE DE SECURITE ROUTIERE**

(71) **TRAFILMETAL S.R.L.** [IT/IT]; Via Enrico Fermi, 79, I-10091 Alpignano (IT).
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(72, 75) **LA CAMERA, Francesco, Maria** [IT/IT]; S.T.E. S.r.l., Viale Angelico, 77, I-00195 Roma (IT). **TEMUSSI, Marco** [IT/IT]; S.T.E. S.r.l., Viale Angelico, 77, I-00195 Roma (IT).

(74) **GERBINO, Angelo** et al. / etc.; Jacobacci & Perani S.p.A., Corso Regio Parco, 27, I-10152 Torino (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 08/859,802 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **E02B 13/00, B01D 43/00**

- (54) ● **LEACHING FIELD CONSTRUCTION**
● **STRUCTURE DE CHAMP D'EPANDAGE**

(71, 72) **LAAK, Rein** [CA/US]; 149 Browns Road, Storrs, CT 06268-2808 (US).

(74) **HILTON, John, C.** et al. / etc.; McCormick, Paulding & Huber LLP, CityPlace II, 185 Asylum Street, Hartford, CT 06103-4102 (US).

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

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(11) **WO 98/53148** (13) A1

(21) PCT/JP98/02208

(22) **20 May/mai 1998 (20.05.1998)**

(25) ja (26) ja

(31) 9/146073 (32) **21 May/mai 1997 (21.05.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **E02D 3/12, E02F 7/00, B01D 7/02**

- (54) ● **SOIL IMPROVING MACHINE WITH EXCAVATING MEANS**
● **MACHINE D'AMELIORATION DU SOL DOTE D'UN MOYEN D'EXCAVATION**

(71) **HITACHI CONSTRUCTION MACHINERY CO., LTD.** [JP/JP]; 6-2, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIYAKE, Shigehiko** [JP/JP]; 98-6, Kojita, Okayama-shi, Okayama-ken 703-8225 (JP). **HASHIMOTO, Hisayoshi** [JP/JP]; 1-18-5, Chuo, Ushiku-shi, Ibaraki-ken 300-1234 (JP). **MURAI, Toshikazu** [JP/JP]; 3233-6, Shimo-inayoshi, Chiyoda-machi, Niihari-gun, Ibaraki-ken 315-0052 (JP). **KUSAKI, Takami** [JP/JP]; 2605-118, Shimo-inayoshi, Chiyoda-machi, Niihari-gun, Ibaraki-ken 315-0052 (JP). **MIURA, Tetsushiro** [JP/JP]; 2539-5, Okazu-cho, Izumi-ku, Yokohama-shi, Kanagawa-ken 245-0003 (JP). **ITAYA, Hiroyosi** [JP/JP]; 271, Yamaji, Kurashiki-shi, Okayama-ken 701-0104 (JP). **NAKAGIRI, Fumiki** [JP/JP]; 5-5, Renshoji, Odawara-shi, Kanagawa-ken 250-0865 (JP). **SEKINO, Satoshi** [JP/JP]; 1-21-7, Matsuba, Ryugasaki-shi, Ibaraki-ken 301-0043 (JP).

(74) **KAGEI, Toshitsugu**; Toranomon Mori Building No. 12, 17-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

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

(11) **WO 98/53149** (13) A1

(21) PCT/FR98/00835

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) fr (26) fr

(31) 97/06230 (32) **16 May/mai 1997 (16.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **E02D 13/02**

- (54) ● **DEVICE FOR TRANSMITTING AND DISTRIBUTING VIBRATION AND STRESSES EXERTED BY A VIBRATOR ON OBJECTS TO DRIVE THEM IN**
● **DISPOSITIF DE TRANSMISSION ET DE REPARTITION DE LA VIBRATION ET DES CONTRAINTES EXERCÉES PAR UN VIBRATEUR SUR DES OBJETS EN VUE DE LEUR ENFONCEMENT**

(71) **PROCEDES TECHNIQUES DE CONSTRUCTION** [FR/FR]; 158, rue Diderot, F-93500 Pantin (FR).
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(72, 75) **VESSAT, Michel** [FR/FR]; 95, boulevard Aristide Briand, F-93100 Montreuil (FR).

(74) **DE SAINT PALAIS, Arnaud**; Cabinet Moutard, 35, avenue Victor Hugo, F-78960 Voisins le Bretonneux (FR).

(81) CN JP KR RU US.

(11) **WO 98/53150** (13) A1

(21) PCT/US98/09898

(22) **21 May/mai 1998 (21.05.1998)**

(25) en (26) en

(31) 08/859,935 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **E02D 27/34, E04B 1/98, E04H 9/02, E04C 3/30, E01D 19/06, 19/00**

- (54) ● **T-STRUCTURE EXTERNALLY REINFORCED WITH COMPOSITE MATERIAL**
● **STRUCTURE EN T RENFORCEE A L'EXTERIEUR AVEC UNE MATIERE COMPOSITE**

(71) **THE UNIVERSITY OF UTAH** [US/US]; Suite 170, 421 Wakara Way, Salt Lake City, UT 84108 (US). **XXSYS TECHNOLOGIES, INC.** [US/US]; 4619 Viewridge Avenue, San Diego, CA 92133 (US).

(72) **CERCONE, Larry**; 13719 Freeport Road, San Diego, CA 92129 (US). **POLICELLI, Fred**; 4891 Wallace Lane, Salt Lake City, UT 84117 (US). **PANTELIDES, Chris**; 7150 S. Reindeer Drive, Salt Lake City, UT 84121 (US). **GERGELY, Janos**; 119 University Village, Salt Lake City, UT 84108 (US). **REAVELEY, Lawrence**; 1702 Cannes Way, Salt Lake City, UT 84121 (US).

(74) **GARMONG, Gregory, O.**; P.O. Box 12460, Zephyr Cove, NV 89448 (US) et al. / etc.

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

(11) **WO 98/53151** (13) A1

(21) PCT/US98/08467

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 08/859,227 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **E02D 29/14**

- (54) ● **MANHOLE COVER RETROFIT ASSEMBLY**
● **ENSEMBLE TAMPON DE REGARD DE COMPLEMENT**

(71) **TOTAL CONTAINMENT, INC.** [US/US]; 422 Business Center, A130 North Drive, Oaks, PA 19456 (US).

(72) **BRAUN, Randy**; 65 Major Road, Royersford, PA 19456 (US). **GILBERT, David**; 47 North Barough Line Road, Trappe, PA 19426 (US).

(74) **HUIS, Randolph, J.**; 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/53152** (13) A1
(21) PCT/SE98/00881
(22) **13 May/mai 1998 (13.05.1998)**
(25) sv (26) en
(31) 9701887-3 (32) **21 May/mai 1997 (21.05.1997)** (33) SE
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **E02F 3/36**
(54) ● DEVICE FOR DETACHABLE COUPLING OF AN IMPLEMENT TO THE OPERATING ARM OF AN EXCAVATOR
● DISPOSITIF DE COUPLAGE AMOVIBLE D'UN OUTIL AU BRAS DE COMMANDE D'UNE EXCAVATRICE
(71) **ACCIMA AB** [SE/SE]; Drabergsvägen 49, S-437 35 Lindome (SE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **BLOMGREN, Stig** [SE/SE]; Drabergsvägen 49, S-437 35 Lindome (SE).
(74) **LUNDQUIST, Lars-Olof**; L-O Lundquist Patentbyrå AB, P.O. Box 80, S-651 03 Karlstad (SE).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53153** (13) A1
(21) PCT/FR98/01022
(22) **20 May/mai 1998 (20.05.1998)**
(25) fr (26) fr
(31) 97/06119 (32) **20 May/mai 1997 (20.05.1997)** (33) FR
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **E04B 1/24**
(54) ● NOVEL MODULAR BUILDING SYSTEM AND RESULTING BUILDINGS
● NOUVEAU SYSTEME DE CONSTRUCTION MODULAIRE ET LES BATIMENTS AINSI REALISES
(71) **LOTESO LTS CORPORATION B.V. S.A.R.L.** [NL/NL]; Wijnhaven 3b, NL-3011 WG Rotterdam (NL). **MPK S.A.R.L.** [FR/FR]; Z.I. de Berlanne, 47, rue de l'Aygue-longue, F-64160 Morlaas (FR). **SPIRAL S.A.R.L.** [FR/FR]; 4, rue Michelet, F-92130 Issy les Moulineaux (FR). **TESNIERE, François** [FR/FR]; 20, rue des Trois Bornes, F-75011 Paris (FR).
(74) **BURTIN, Jean-François**; Cabinet Gefib, 85, rue Anatole France, F-92300 Levallois Perret (FR).
(81) ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/53154** (13) A1
(21) PCT/FR98/01021
(22) **20 May/mai 1998 (20.05.1998)**
(25) fr (26) fr
(31) 97/06234 (32) **22 May/mai 1997 (22.05.1997)** (33) FR
- (31) 97/08430 (32) **3 Jul/juil 1997 (03.07.1997)** (33) FR
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **E04C 2/12**
(54) ● BEARING STRUCTURES COMPRISING DRIED AND STABILISED SOLID WOOD LATTICE GIRDERS
● STRUCTURES PORTEUSES COMPORTANT DES POUTRES EN BOIS MASSIF EVIDEES, SECHEES ET STABILISEES
(71) **J. ET L. SIAT (SOCIETE ANONYME)** [FR/FR]; Rue du Général-de-Gaulle, F-67280 Urmatt (FR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **AUBERT, François** [FR/FR]; 94, rue Victor Hugo, F-95480 Pierrelaye (FR).
(74) **CABINET NUSS**; 10, rue Jacques Kablé, F-67080 Strasbourg Cedex (FR).
(81) CA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
Published / Publiée : (c)
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- (11) **WO 98/53155** (13) A1
(21) PCT/IE98/00038
(22) **21 May/mai 1998 (21.05.1998)**
(25) en (26) en
(31) 970363 (32) **21 May/mai 1997 (21.05.1997)** (33) IE
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **E04C 2/292**
(54) ● AN INSULATED PANEL
● PANNEAU ISOLE
(71) **KINGSPAN RESEARCH AND DEVELOPMENTS LIMITED** [IE/IE]; Dublin Road, Kingscourt, County Cavan (IE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **MCCARTHY, Eoin, T.** [IE/IE]; Mansfield House, Cabra, Kingscourt, County Cavan (IE). **MCDONALD, Patrick** [IE/IE]; Clonocey, Beltrubet, County Cavan (IE). **MCGUINNESS, Thomas** [IE/IE]; Kells, County Meath (IE). **MARTIN, Paul** [IE/IE]; Bailieborough Road, Kingscourt, County Cavan (IE).
(74) **O'BRIEN, John, A.** et al. / etc.; John A O'Brien & Associates, Duncairn House, 3rd floor, 14 Carysfort Avenue, Blackrock, County Dublin (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53156** (13) A1
(21) PCT/GB98/01503
(22) **22 May/mai 1998 (22.05.1998)**
(25) en (26) en
(31) 9710614.0 (32) **23 May/mai 1997 (23.05.1997)** (33) GB
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **E04C 5/12, E04G 21/12**
- (54) ● TENSIONING DEVICE
● DISPOSITIF DE MISE EN TENSION
(71) **HYDRAULIC TENSIONING TECHNOLOGY LIMITED** [GB/GB]; Technology House, Shaw Street, Hill Top Industrial Estate, West Bromwich B70 0TX (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **GETHINGS, Michael, Shaun, Brian** [GB/GB]; 60 Tunnel Street, Cosleey, Wolverhampton WV14 9DE (GB). **EGGINTON, Paul, Raymond** [GB/GB]; 3 Hampton Court, off the Beeches, Rugeley, Staffordshire WS15 2BF (GB).
(74) **BARKER BRETTELL**; 138 Hagley Road, Edgbaston, Birmingham B16 9PW (GB).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53157** (13) A1
(21) PCT/EP98/02831
(22) **8 May/mai 1998 (08.05.1998)**
(25) fr (26) fr
(31) 97201527.5 (32) **22 May/mai 1997 (22.05.1997)** (33) EP
(34) AT et al. / etc.
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **E04D 3/30, 3/362**
(54) ● ROOF COVER ELEMENT
● ELEMENT DE COUVERTURE
(71) **UNION MINIERE FRANCE S.A.** [FR/FR]; Les Mercuriales, Tour du Ponant, 40, rue Jean-Jaurès, F-93176 Bagnolet (FR).
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(72, 75) **MARTINEZ, Bruno, Claude** [FR/FR]; 10, rue du Clos du Plateau, F-95520 Osny (FR).
(74) **SAELEMAEKERS, Juul**; N.V. Union Minière S.A., Kasteelstraat 7, B-2250 Olen (BE).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53158** (13) A1
(21) PCT/EP98/03002
(22) **14 May/mai 1998 (14.05.1998)**
(25) en (26) en
(31) 1006110 (32) **22 May/mai 1997 (22.05.1997)** (33) NL
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **E04D 3/362, 3/363**

- (54) ● ELONGATE RETAINING ELEMENT FOR BUILDING SHEETS
● ELEMENT DE RETENUE ALLONGE POUR TOILES DE CONSTRUCTION

(71) **HOOGOEVENS ALUMINIUM BAUSYSTEME GMBH** [DE/DE]; August-Horch-Strasse 20-22, D-56070 Koblenz (DE).
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(72, 75) **GEHLHAAR, Horst** [DE/DE]; Holbeinstrasse 22, D-56626 Andernach (DE). **DÜRNBERGER, Dieter** [DE/DE]; Mittlerer Bornsweg, D-56579 Rengsdorf (DE). **SCHMITT, Horst** [DE/DE]; Auf dem Zilles 3, D-53539 Kelberg (DE). **THIEBES, Robert** [DE/DE]; Am kleinen Bäumchen, D-53557 Bad Honningen (DE).

(74) **HERMAN DE GROOT, Johan, Willem**; Hoogovens Corporate Services B.V., P.O. Box 10000, NL-1970 CA IJmuiden (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/53159** (13) A1

(21) PCT/US98/10657

(22) **26 May/mai 1998 (26.05.1998)**

(25) en (26) en

(31) 08/862,576 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **E04D 13/16, 13/15**

- (54) ● VENTILATION STRIP FOR VENEER FINISHED BUILDINGS
● BANDE DE VENTILATION POUR BATIMENTS A FINITIONS EN PLACAGE

(71) **R.H. TAMLIN & SONS, INC.** [US/US]; 10406 Cash Road, Stafford, TX 77477-4492 (US).

(72) **TAMLIN, Tom**; 10406 Cash Road, Stafford, TX 77477-4492 (US).

(74) **GUNN, Donald**; Gunn & Associates, Suite 2900, 5 Greenway Plaza, Houston, TX 77046 (US).

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

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(11) **WO 98/53160** (13) A2

(21) PCT/US98/10071

(22) **15 May/mai 1998 (15.05.1998)**

(25) en (26) en

(31) 08/862,141 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **E04G**

- (54) ● METHODS OF REINFORCING WOODEN SUPPORTS, APPARATUS FOR USE IN REINFORCING WOODEN SUPPORTS, AND REINFORCED WOODEN SUPPORTS

- PROCÉDES DE RENFORCEMENT DE POTEAUX EN BOIS, APPAREILS PERMETTANT DE RENFORCER DES POTEAUX EN BOIS, ET POTEAUX EN BOIS RENFORCÉS

(71) **PERMAPOLE, INC.** [US/US]; P.O. Box 6460, Bozeman, MT 59771 (US).

(72) **STONE, Ronald, M.**; P.O. Box 85, Craigmont, ID 83523 (US). **RALSTIN, Curtis, G.**; Route 2, Box 53, Craigmont, ID 83523 (US). **HOLAND, Dave**; P.O. Box 6460, Bozeman, MT 59771-6460 (US).

(74) **SADLER, Lance, R.** et al. / etc.; Suite 1300, 601 West First Avenue, Spokane, WA 99201-3817 (US).

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

(11) **WO 98/53161** (13) A1

(21) PCT/AU98/00359

(22) **15 May/mai 1998 (15.05.1998)**

(25) en (26) en

(31) PO 6858 (32) **16 May/mai 1997 (16.05.1997)** (33) AU

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **E04G 3/06**

- (54) ● PARTLY RETRACTABLE CONSTRUCTION PLATFORM
● PLATE-FORME DE CONSTRUCTION EN PARTIE RETRACTABLE

(71, 72) **PRESTON, John, Clement** [AU/AU]; 196 Silverwater Road, Silverwater, NSW 2141 (AU).

(74) **CARTER SMITH & BEADLE**; P.O. Box N301, Grosvenor Place, NSW 1220 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53162** (13) A1

(21) PCT/JP97/04341

(22) **27 Nov/nov 1997 (27.11.1997)**

(25) ja (26) ja

(31) 9/169372 (32) **23 May/mai 1997 (23.05.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **E04G 23/08**

- (54) ● BUILDING CRUSHER AND WATER-SUPPLY SYSTEM FOR THE CRUSHER

- BROYEUR DE BATIMENT ET SYSTEME D'ALIMENTATION POUR LEDIT BROYEUR

(71) **SANGO JUUKI CO., LTD.** [JP/JP]; 10-6-203, Akabane-nishi 6-chome, Kita-ku, Tokyo 115 (JP).

(72) **TAGAWA, Itsuo**; Tagawa Kogyo Co., Ltd., 10-6, Akabane-nishi 6-chome, Kita-ku, Tokyo 115 (JP).

(74) **KURIHARA, Kiyoshi**; Catherina Shinjuku Gyoen Ekimae, Room 203, 15-5, Shinjuku 1-chome, Shinjuku-ku, Tokyo 160-0022 (JP).

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

(11) **WO 98/53163** (13) A1

(21) PCT/AU98/00369

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) PO 6841 (32) **19 May/mai 1997 (19.05.1997)** (33) AU

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **E04H 4/16**

- (54) ● A SWIMMING POOL CLEANING APPARATUS AND A METHOD FOR SELECTIVELY RAISING OR SINKING A HOSE OF THE APPARATUS IN A SWIMMING POOL

- APPAREIL DE NETTOYAGE DE PISCINE ET PROCÉDE PERMETTANT DE FAIRE MONTER OU DESCENDRE DANS UNE PISCINE UN TUYAU DE L'APPAREIL

(71) **REAL GUARDIAN PTY. LTD.** [AU/AU]; 65 Spencer Road, Killara, NSW 2071 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **McCULLAGH, Patrick, Michael** [AU/AU]; 65 Spencer Road, Killara, NSW 2071 (AU).

(74) **CARTER SMITH & BEADLE**; Level 10, 189 Kent Street, Sydney, NSW 2000 (AU).

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

(11) **WO 98/53164** (13) A1

(21) PCT/US98/10628

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 97/2464 (32) **24 May/mai 1997 (24.05.1997)** (33) ZA

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **E04H 4/16**

- (54) ● A METHOD OF AND A DEVICE FOR OPERATING A POOL CLEANER

- PROCÉDE ET DISPOSITIF PERMETTANT DE FAIRE FONCTIONNER UN NETTOYEUR DE PISCINE

(71) **HANDELMAN, Joseph, H.** [US/US]; 26 West 61st Street, New York, NY 10023 (US).
(only for / seulement pour MW)

(71, 72) **GROBLER, Johannes, Stephanus** [ZA/ZA]; 173 Eufees Street, Pretoria North, 0182 Gauteng Province (ZA).
(for all designated States except / pour tous les États désignés sauf MW)

(74) **HANDELMAN, Joseph, H.**; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US) et al. / etc.

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

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(11) **WO 98/53165** (13) A1

(21) PCT/GB98/01347

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 9710602.5 (32) **23 May/mai 1997 (23.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **E05B 17/00**

- (54) ● VEHICLE DOOR LATCH
- SERRURE DE PORTIERE DE VEHICULE

(71) **MERITOR LIGHT VEHICLE SYSTEMS (UK) LIMITED** [GB/GB]; Fordhouse Lane, Stirchley, Birmingham B30 3BW (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FISHER, Sydney, Edward** [GB/GB]; 85 Newborough Road, Shirley, Solihull, West Midlands B90 2HB (GB). **KALSJ, Gurbinder, Singh** [GB/GB]; 59 Wolverhampton Road, Oldbury, Warley, West Midlands B68 0NF (GB).

(74) **SPRUCE, George, Philip** et al. / etc.; Withers & Rogers, 4 Dyer's Buildings, Holborn, London EC1N 2JT (GB).

(81) JP KR US.

(11) **WO 98/53166** (13) A1

(21) PCT/KR98/00127

(22) **22 May/mai 1998 (22.05.1998)**

(25) ja (26) ja

(31) 1997/20216 (32) **23 May/mai 1997 (23.05.1997)** (33) KR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **E05B 49/00**

- (54) ● ELECTRONIC INFORMATION KEY SYSTEM
- SYSTEME DE CLE PORTEUSE D'INFORMATIONS ELECTRONIQUES

(71) **PAH-RAN TECH, INC.** [KR/KR]; 861-5, Hansan B/D4F Kwanyang-dong, Dongan-gu, Anyangsi, Kyeongkido 431-060 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HA, Jae, Hong** [KR/KR]; 204-1402, Hyundaiyongin Apt., Kuro-dong, Kuro-gu, Seoul (KR).

(74) **JANG, Sung, Ku;** 275, Yangjae-dong, Seocho-ku, Seoul 137-130 (KR).

(81) AU BR CA CN ID IL JP LT MX NO NZ PT RU SG SK TR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/53167** (13) A1

(21) PCT/DK98/00204

(22) **20 May/mai 1998 (20.05.1998)**

(25) da (26) en

(31) 0575/97 (32) **20 May/mai 1997 (20.05.1997)** (33) DK

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **E05B 65/20, 19/20**

- (54) ● APPLIANCE FOR THE EMERGENCY OPENING OF THE DOORS OF A VEHICLE

- DISPOSITIF DESTINE A OUVRIR D'URGENCE LES PORTES D'UN VEHICULE

(71, 72) **DISSING, Claus, Hornstrup** [DK/DK]; Agnetvej 17, DK-8680 Ry (DK).

(74) **K. SKÖTT-JENSEN, PATENTINGENIÖRER 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53168** (13) A1

(21) PCT/GB98/01348

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 9710332.9 (32) **21 May/mai 1997 (21.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **E05B 65/20**

- (54) ● DOOR MECHANISM
- MECANISME DE PORTIERES DE VEHICULES

(71) **MERITOR LIGHT VEHICLE SYSTEMS (UK) LIMITED** [GB/GB]; Fordhouse Lane, Stirchley, Birmingham B30 3BW (GB).
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(72, 75) **FISHER, Sydney, Edward** [GB/GB]; 85 Newborough Road, Shirley, Solihull, West Midlands B90 2HB (GB).

(74) **SPRUCE, George, Philip** et al. / etc.; Withers & Rogers, 4 Dyer's Buildings, Holborn, London EC1N 2JT (GB).

(81) JP KR US.

(11) **WO 98/53169** (13) A1

(21) PCT/FR98/00994

(22) **19 May/mai 1998 (19.05.1998)**

(25) fr (26) fr

(31) 97/06312 (32) **23 May/mai 1997 (23.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **E05B 73/00**

- (54) ● FIXING AN ANTI-THEFT LABEL ON AN OBJECT USING A HEAT-SHRINKABLE ENVELOPE

- FIXATION D'UNE ETIQUETTE ANTI-VOL SUR UN OBJET AU MOYEN D'UNE ENVELOPPE THERMORETRACTABLE

(71) **SLEEVEVER INTERNATIONAL COMPANY** [FR/FR]; Z.I. Le Val, 15, avenue Arago, F-91420 Morangis (FR). **SENSORMATIC FRANCE** [FR/FR]; Parc de Haute Technologie, 7, rue Alexis de Tocqueville, F-92183 Antony (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRESNEL, Eric** [FR/FR]; 54, rue de Bourgoigne, F-75007 Paris (FR). **DAMEME, Alain** [FR/FR]; 10, rue Saint-Nicolas, F-78640 Neauphle-le-Château (FR). **GOUELIBO, Didier** [FR/FR]; 3, rue de Bourgneuf, F-78720 Cernay-la-Ville (FR).

(74) **JAUNEZ, Xavier** et al. / etc.; Cabinet Boettcher, 23, rue La Boétie, 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/53170** (13) A1

(21) PCT/US98/10427

(22) **21 May/mai 1998 (21.05.1998)**

(25) en (26) en

(31) 08/862,072 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **E05D 7/10**

- (54) ● GATE HINGE
- CHARNIERE DE HAYON

(71) **RAN ENTERPRISES, INC.** [US/US]; 5062 Kendrick Court, S.E., Grand Rapids, MI 49512-9649 (US).

(72) **KIEFER, James;** 2745 Birchcrest S.E., Grand Rapids, MI 49506 (US).

(74) **GOSKA, Matthew, L.;** Van Dyke, Gardner, Linn & Burkhart, LLP, P.O. Box 888695, Grand Rapids, MI 49588-8695 (US).

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

(11) **WO 98/53171** (13) A1

(21) PCT/ES98/00095

(22) **16 Apr/avr 1998 (16.04.1998)**

(25) es (26) es

(31) P 9701116 (32) **23 May/mai 1997 (23.05.1997)** (33) ES

(31) P 9702195 (32) **24 Oct/oct 1997 (24.10.1997)** (33) ES

(31) P 9800617 (32) **23 Mar/mar 1998** (33) ES
(23.03.1998)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **E06B 9/01, E04H 17/14**

(54) ● MOUNTABLE GRID FOR WINDOWS, FENCES AND THE LIKE
● GRILLE MONTABLE POUR FENETRES, CLOTURES ET OBJETS ANALOGUES

(71) **BIZCOCHO HERMANOS, S.L.** [ES/ES]; P.I. La Palmera, Parcela 20, E-41700 Dos Hermanas (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BIZCOCHO RUIZ, Rafael** [ES/ES]; P.I. La Palmera, Parcela 20, E-41700 Dos Hermanas (ES).
BIZCOCHO RUIZ, Manuel [ES/ES]; P.I. La Palmera, Parcela 20, E-41700 Dos Hermanas (ES).
BIZCOCHO RUIZ, Jose [ES/ES]; P.I. La Palmera, Parcela 20, E-41700 Dos Hermanas (ES).

(74) **ESTEBAN PEREZ-SERRANO, Maria Isabel**; Explanada, 8, E-28040 Madrid (ES).

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

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(11) **WO 98/53172** (13) A1

(21) PCT/GB98/01410

(22) **15 May/mai 1998 (15.05.1998)**

(25) en (26) en

(31) 9710034.1 (32) **16 May/mai 1997** (33) GB
(16.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **E06B 9/24, F21S 11/00**

(54) ● BLIND OR CURTAIN
● STORE OU RIDEAU

(71) **SECRETARY OF STATE FOR TRADE & INDUSTRY** [GB/GB]; 1 Victoria Street, London SW1 0ET (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HUTLEY, Michael, Christopher** [GB/GB]; National Physical Laboratory, Teddington, Middlesex TW11 0LW (GB).
RICHARDSON, David, Charles [GB/GB]; National Physical Laboratory, Teddington, Middlesex TW11 0LW (GB).

(74) **JEHAN, Robert** et al. / etc.; Williams, Powell & Associates, 4 St. Paul's Churchyard, London EC4M 8AY (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 GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/53173** (13) A2

(21) PCT/NZ98/00061

(22) **21 May/mai 1998 (21.05.1998)**

(25) en (26) en

(31) 314865 (32) **21 May/mai 1997** (33) NZ
(21.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **E21B**

(54) ● IMPROVEMENTS RELATING TO STRATA LOGGING ON COMPUTER

● SYSTEME AMELIORE DE DIAGRAPHIE DE STRATES SUR ORDINATEUR

(71, 72) **WOODFORD, Cecil, Barton** [NZ/NZ]; Aniseed Valley Road, R.D.1, Richmond, Nelson (NZ).

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

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

(11) **WO 98/53174** (13) A1

(21) PCT/GB98/01476

(22) **21 May/mai 1998 (21.05.1998)**

(25) en (26) en

(31) 9710318.8 (32) **21 May/mai 1997** (33) GB
(21.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **E21B 7/06, 43/10**

(54) ● APPARATUS AND METHOD FOR DRILLING AND LINING A LATERAL WELLBORE
● DISPOSITIF ET PROCEDE PERMETTANT DE FORMER UN PUIT A CANALISATIONS GRACE AU FORAGE ET A L'UTILISATION D'UNE COLONNE PERDUE

(71) **INTEGRATED DRILLING SERVICES LIMITED** [GB/GB]; Badentoy Road, Badentoy Park, Portlethen, Aberdeen AB12 4YA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BUYTAERT, Jean** [FR/GB]; The Firs, Park Place, Newtonhill, Aberdeen AB24 5JW (GB).

(74) **MURGITROYD & COMPANY**; 373 Scotland Street, Glasgow G5 8QA (GB).

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

(11) **WO 98/53175** (13) A1

(21) PCT/US98/10469

(22) **21 May/mai 1998 (21.05.1998)**

(25) en (26) en

(31) 08/861,296 (32) **21 May/mai 1997** (33) US
(21.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **E21B 7/08, 17/046**

(54) ● ADJUSTABLE BEND CONNECTION

● RACCORD A ANGLE AJUSTABLE

(71) **PEGASUS INTERNATIONAL INC.** [—/US]; 12539 Cullen Road, Houston, TX 77066 (US).

(72) **VON GYNZ-REKOWSKI, Gunther**; 9307 Cedar Point Circle, Houston, TX 77070 (US).

(74) **ROSENBLATT, Steve**; Rosenblatt & Redano, P.C., Suite 500, One Greenway Plaza, Houston, TX 77046 (US).

(81) AU BR CA CN MX NO; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/53176** (13) A2

(21) PCT/GB98/01375

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 9710440.0 (32) **22 May/mai 1997** (33) GB
(22.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **E21B 17/01, 17/08, F16L 39/00**

(54) ● MARINE RISER

● TUBE PROLONGATEUR

(71) **APEX TUBULARS LIMITED** [GB/GB]; Mill of Monquich, Netherley, Aberdeenshire AB39 3QR (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WOODROW, Timothy, John** [GB/GB]; 4 Woodlands Park, Woodlands of Durris, Banchory, Aberdeenshire AB31 6BF (GB).

(74) **McCALLUM, William, Potter**; 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53177** (13) A1

(21) PCT/US98/10263

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 60/047,159 (32) **20 May/mai 1997** (33) US
(20.05.1997)

(31) 09/019,611 (32) **6 Feb/fév 1998** (33) US
(06.02.1998)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **E21B 17/042, F16L 15/06**

(54) ● STRESS REDUCTION GROOVE FOR TUBULAR CONNECTION

● RAINURE D'ATTENUATION DES CONTRAINTES DANS DES RACCORDS DE TUBES

(71) **HYDRIL COMPANY** [US/US]; 3300 North Sam Houston Parkway East, Houston, TX 77032 (US).

(72) **ENDERLE, Doug**; 19526 Hurst Wood Drive, Humble, TX 77346 (US).
GREENIP, John; 7738 Candlegreen Lane, Houston, TX 77071 (US).

(74) **OSHA, Jonathan, P.** et al. / etc.; Rosenthal & Osha L.L.P., Suite 4550, 700 Louisiana, Houston, TX 77002 (US).

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

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(11) **WO 98/53178** (13) A1
(21) PCT/US98/09617
(22) **11 May/mai 1998 (11.05.1998)**
(25) en (26) en
(31) 60/047,320 (32) **21 May/mai 1997 (21.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **E21B 17/10, 47/10**
(54) ● A CENTRALIZER CASING COLLAR LOCATOR
● LOCALISATEUR CENTREUR DE JOINT DE TUBAGE
(71) **PANEX CORPORATION** [US/US]; 130 Industrial Boulevard, Sugar Land, TX 77478 (US).
(71, 72) **DELATORRE, Leroy, C.** [US/US]; 130 Industrial Boulevard, Sugar Land, TX 77478 (US).
(74) **FIDLER, Donald, H.**; 975 Corbindale Road #100, Houston, TX 77024 (US).
(81) CA NO; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/53179** (13) A1
(21) PCT/GB98/01502
(22) **22 May/mai 1998 (22.05.1998)**
(25) en (26) en
(31) 9710758.5 (32) **23 May/mai 1997 (23.05.1997)** (33) GB
(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **E21B 17/18, F16L 9/18**
(54) ● METHOD OF FORMING AN ELONGATE TUBULAR STRUCTURE AND TUBULAR STRUCTURE FORMED THEREBY
● PROCEDE DE FORMATION D'UNE STRUCTURE TUBULAIRE ALLONGEE ET STRUCTURE TUBULAIRE FORMEE SELON CE PROCEDE

(71) **T.J. CORBISHLEY (DEVELOPMENTS) LTD.** [GB/GB]; Acorn Works, Holditch Road, Holditch, Newcastle, Staffordshire ST5 9JA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CORBISHLEY, Terence, Jeffrey** [GB/GB]; 204 New Street, Biddulph Moor, Stoke-on-Trent, Staffordshire ST8 7NQ (GB). **CORBISHLEY, Jonathan, Guy** [GB/GB]; 4 Mitchells Close, Shalford, Guildford, Surrey GU4 8HY (GB).

(74) **BOULT WADE TENNANT**; 27 Furnival Street, London EC4A 1PQ (GB).

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

(11) **WO 98/53180** (13) A1
(21) PCT/GB98/01447
(22) **20 May/mai 1998 (20.05.1998)**
(25) en (26) en
(31) 9710666.0 (32) **24 May/mai 1997 (24.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **E21B 33/138**
(54) ● EMULSION FOR WELL AND FORMATION TREATMENT
● EMULSION POUR TRAITEMENT DANS UN PUIT DE FORAGE OU UNE FORMATION GEOLOGIQUE

(71) **SOFITECH N.V.** [BE/BE]; Rue de Stalle 140, B-1180 Brussels (BE).
(for all designated States except / pour tous les États désignés sauf CA FR US)

(71) **COMPAGNIE DES SERVICES DOWELL SCHLUMBERGER S.A.** [FR/FR]; 50, avenue Jean Jaures, F-92541 Montrouge (FR).
(only for / seulement pour FR)

(71) **SCHLUMBERGER CANADA LIMITED** [CA/CA]; 24th floor, Monenco Place, 801 6th Avenue, S.W., Calgary, Alberta (CA).
(only for / seulement pour CA)

(72, 75) **CRAWSHAW, John, Peter** [GB/GB]; Mallards House, 1 Laceys Lane, Exning, Newmarket, Suffolk CB8 7HL (GB). **NIJLS, Oscar, Cornelis, Johanna** [NL/NL]; Laanweg 129, NL-1031 JE Amsterdam (NL).

(74) **MIRZA, Akram, Karim**; Schlumberger Cambridge Research Limited, High Cross, Madingley Road, Cambridge CB3 0EL (GB).

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

(11) **WO 98/53181** (13) A1
(21) PCT/US98/10092
(22) **14 May/mai 1998 (14.05.1998)**
(25) en (26) en
(31) 60/047,620 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(31) 08/885,507 (32) **30 Jun/juin 1997 (30.06.1997)** (33) US

(31) 09/062,167 (32) **17 Apr/avr 1998 (17.04.1998)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **E21B 33/138, 43/22**

(54) ● OIL RECOVERY METHOD USING AN EMULSION
● PROCEDE DE RECUPERATION DU PETROLE AU MOYEN D'UNE EMULSION

(71) **EXXON PRODUCTION RESEARCH COMPANY** [US/US]; 3120 Buffalo Speedway, P.O. Box 2189, Houston, TX 77252-2189 (US).

(72) **BRAGG, James, R.**; 2119 Goldsmith Street, Houston, TX 77030 (US).

(74) **CASAMASSIMA, Salvatore, J.** et al. / etc.; Exxon Production Research Company, P.O. Box 2189, Houston, TX 77252-2189 (US).

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

(11) **WO 98/53182** (13) A1

(21) PCT/US98/10219

(22) **15 May/mai 1998 (15.05.1998)**

(25) en (26) en

(31) 08/859,193 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **E21B 43/01, 43/12, F16N 17/00**

(54) ● SUB-SEA PUMPING SYSTEM AND ASSOCIATED METHOD
● SYSTEME DE POMPAGE SOUS-MARIN ET PROCEDE S'Y RAPPORTANT

(71) **WESTINGHOUSE ELECTRIC CORPORATION** [US/US]; Westinghouse Building, Gateway Center, Pittsburgh, PA 15222 (US).

(72) **NYILAS, Charles, P.**; 170 Urick Lane, Monroeville, PA 15146 (US). **CAMPEN, Clifford, H., Jr.**; 120 McLunkin Road, Pittsburgh, PA 15239 (US). **KUJAWSKI, Joseph, M.**; 5947 Graybrooke Drive, Export, PA 15632 (US).

(74) **SPADACENE, James, C.** et al. / etc.; Westinghouse Electric Corporation, Westinghouse Building, Gateway Center, Pittsburgh, PA 15222 (US).

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

(11) **WO 98/53183** (13) A1

(21) PCT/DE98/01297

(22) **8 May/mai 1998 (08.05.1998)**

(25) de (26) de

(31) 197 21 317.0 (32) **21 May/mai 1997 (21.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F01D 25/28, 25/16**

(54) ● BEARING ARRANGEMENT FOR A STEAM TURBINE INSTALLATION
● ENSEMBLE PALIER POUR INSTALLATION A TURBINE A VAPEUR

(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) **KUPKA, Wolfgang** [DE/DE]; Lindenstrasse 4, D-02827 Görlitz (DE). **KÜHN, Helmut** [DE/DE]; Feldhäuser 5a, D-02894 Mengelsdorf (DE). **HINTZE, Dietrich** [DE/DE]; Ringweg 3, D-02829 Kunnerwitz (DE). **KRAFT, Jürgen** [DE/DE]; Am Hang 4, D-02829 Girbigsdorf (DE).

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

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 (21) PCT/DE98/01200
 (22) **30 Apr/avr 1998 (30.04.1998)**
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 (31) 197 20 654.9 (32) **16 May/mai 1997 (16.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F01K 23/10, F02C 7/18**

(54) ● GAS AND STEAM TURBINE SYSTEM, AND REFRIGERATION OF THE COOLANT INTENDED FOR THE GAS TURBINE IN SUCH A SYSTEM
 ● SYSTEME DE TURBINES A GAZ ET A VAPEUR ET PROCEDE DE REFROIDISSEMENT DE L'AGENT REFRIGERANT DE LA TURBINE A GAZ D'UN TEL SYSTEME

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
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(72, 75) **THIEL, Hans-Joachim** [DE/DE]; Aurachweg 22, D-91056 Erlangen (DE). **GEBKE, Klaus** [DE/DE]; Heylstrasse 9, D-63561 Gelnhausen (DE). **GREIS, Thomas** [DE/DE]; Mathildenstrasse 34 a, D-64285 Darmstadt (DE). **REICHARD, Alfred** [DE/DE]; Gerhart-Hauptmann-Strasse 11, D-91058 Erlangen (DE).

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

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(31) 197 21 208.5 (32) **21 May/mai 1997 (21.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F01L 13/00, 1/14**

(54) ● CAM FOLLOWER FOR A VALVE GEAR IN AN INTERNAL COMBUSTION ENGINE
 ● POUSSOIR DE CAME 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) **KUHL, Mario** [DE/DE]; Schlesierstrasse 17, D-91074 Herzogenaurach (DE). **HUBER, Wilfried** [DE/DE]; Ringstrasse 14, D-91086 Aurachtal (DE).

(74) **INA WÄLZLAGER SCHAEFFLER OHG**; D-91072 Herzogenaurach (DE).

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

(11) **WO 98/53186** (13) A1

(21) PCT/EP98/03177

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 97830240.4 (32) **23 May/mai 1997 (23.05.1997)** (33) EP

(34) IT et al. / etc.

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F01N 3/04**

(54) ● METHOD AND DEVICE FOR THE PURIFICATION OF EXHAUST GASES
 ● PROCEDE ET APPAREIL DE PURIFICATION DE GAZ D'ECHAPPEMENT

(71, 72) **PAGANI, Achille** [IT/IT]; Via Torino, 52, I-20020 Lazzate (IT).

(74) **CHECCACCI, Giorgio**; Porta, Checcacci & Botti S.r.l., Viale Sabotino, 19/2, I-20135 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53187** (13) A1

(21) PCT/EP98/02859

(22) **14 May/mai 1998 (14.05.1998)**

(25) de (26) de

(31) 297 08 861.0 (32) **20 May/mai 1997 (20.05.1997)** (33) DE

(31) 197 31 487.2 (32) **22 Jul/juil 1997 (22.07.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F01N 3/28, B01J 35/04**

(54) ● HONEYCOMB BODY WITH A SYSTEM FOR AVOIDING MECHANICAL VIBRATIONS
 ● CORPS ALVEOLAIRE MUNI D'UN SYSTEME PERMETTANT D'EVITER LES VIBRATIONS MECANQUES

(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) **NAGEL, Thomas** [DE/DE]; Eibenweg 11, D-51766 Engelskirchen (DE).

(74) **KAHLHÖFER, Hermann**; Bardehle, Pagenberg, Dost, Altenburg, Geissler, Isenbruck, Uerdinger Strasse 5, D-40474 Düsseldorf (DE).

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

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(21) PCT/US98/08308

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(25) en (26) en

(31) 08/837,537 (32) **21 Apr/avr 1997 (21.04.1997)** (33) US

(31) 08/840,483 (32) **21 Apr/avr 1997 (21.04.1997)** (33) US

(31) 08/841,426 (32) **22 Apr/avr 1997 (22.04.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F01P 7/04, 7/08**

(54) ● FAN CLUTCH FOR VEHICLES CONFIGURED FOR LOW ENGINE SPEED

● EMBRAYAGE DE VENTILATEUR DE VEHICULES A FAIBLE REGIME MOTEUR

(71) **ROCKFORD POWERTRAIN, INC.** [US/US]; 1200 Windsor Road, P.O. Box 2908, Rockford, IL 61132-2908 (US).

(72) **CUMMINGS, Gordon, F., III**; 4604 Burningtrees Drive, Rockford, IL 61114 (US).

(74) **KORNICZKY, Paul, J.** et al. / etc.; Leydig, Voit & Mayer, Ltd., Two Prudential Plaza, Suite 4900, 180 North Stetson, Chicago, IL 60601-6780 (US).

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

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(11) **WO 98/53189** (13) A1

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(31) MI97A001173 (32) **20 May/mai 1997 (20.05.1997)** (33) IT

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F02B 19/04, 17/00**

(54) ● SMALL-DIMENSION TWO OR FOUR STROKE VEHICLE ENGINE WITH STRATIFIED FEED

● MOTEUR A DEUX OU QUATRE TEMPS DE PETITE DIMENSION POUR VEHICULE A ALIMENTATION STRATIFIEE

(71) **CAGIVA MOTOR S.P.A.** [IT/IT]; Via G. Macchi, 144, I-21100 Varese (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CASTIGLIONI, Claudio** [IT/IT]; Via Montello, 112, I-21100 Varese (IT).

(74) **RIPAMONTI, Enrico** et al. / etc.; Ing. A. Giambrocono & C. S.r.l., Via Rosolino Pilo, 19/B, I-20129 Milan (IT).

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

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(21) PCT/FR98/01003

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(31) 97/06294 (32) **23 May/mai 1997 (23.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F02B 19/12**

(54) ● INTERNAL COMBUSTION ENGINE WITH CONTROLLED IGNITION

● MOTEUR A COMBUSTION INTERNE A ALLUMAGE COMMANDE

(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) **CUVILLIER, Paul** [FR/FR]; 11, rue de Bizy, F-27200 Vernon (FR). **HAUET, Bertrand** [FR/FR]; 19, rue de L'Yveline, F-78640 Saint Germain de la Grange (FR). **LUCAS, Jean-Christophe** [FR/FR]; 23, rue du Montoir, F-95000 Cergy (FR).

(74) **FERNANDEZ, Francis**; Renault, Service 0267, 860, quai de Stalingrad, F-92109 Boulogne Billancourt (FR).

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

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(21) PCT/GB98/01413

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(31) 9709993.1 (32) **17 May/mai 1997 (17.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F02B 25/14, 23/10**

(54) ● TWO-STROKE INTERNAL COMBUSTION ENGINE

● MOTEUR DEUX-TEMPS A COMBUSTION INTERNE

(71) **GCUC LIMITED** [GB/GB]; Cowcaddens Road, Glasgow G4 0BA (GB).

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

(72, 75) **CAMPBELL, Tom** [GB/GB]; 8 Irvine Gardens, Milton of Campsie G65 8JL (GB).

(74) **PACITTI, Paolo**; Murgitroyd & Company, 373 Scotland Street, Glasgow G5 8QA (GB).

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

(11) **WO 98/53192** (13) A1

(21) PCT/DK98/00184

(22) **11 May/mai 1998 (11.05.1998)**

(25) en (26) en

(31) 0568/97 (32) **16 May/mai 1997 (16.05.1997)** (33) DK

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F02F 1/20, F16J 10/04**

(54) ● A CYLINDER LINER FOR AN INTERNAL COMBUSTION ENGINE OF THE DIESEL TYPE

● CHEMISE DE CYLINDRE POUR MOTEUR A COMBUSTION INTERNE DE TYPE DIESEL

(71) **MAN B & W DIESEL A/S** [DK/DK]; Teglholtsgade 41, DK-2450 Copenhagen SV (DK).

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

(72, 75) **ANDERSEN, Erling, Bredal** [DK/DK]; Sankt Ibs Allé 90, DK-2630 Taastrup (DK). **ØSTERGAARD, Allan** [DK/DK]; Grønnegården 327, DK-2670 Greve (DK).

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

(11) **WO 98/53193** (13) A1

(21) PCT/DE98/00675

(22) **6 Mar/mar 1998 (06.03.1998)**

(25) de (26) de

(31) 197 21 013.9 (32) **20 May/mai 1997 (20.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F02F 3/00, F16J 1/00**

(54) ● CLAMPING DEVICE FOR A PISTON TO BE MOUNTED

● SYSTEME DE SERRAGE POUR PISTON A MONTER

(71) **MAHLE GMBH** [DE/DE]; Pragstrasse 26-46, D-70376 Stuttgart (DE).

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

(72, 75) **BARTH, Alois** [DE/DE]; Krokusweg 4, D-70374 Stuttgart (DE). **FUCHS, Reinhold** [DE/DE]; Bahnhofstrasse 143, D-70736 Fellbach (DE). **MESSMER, Dieter** [DE/DE]; Kochelseeweg 12, D-70378 Stuttgart (DE).

(74) **MAHLE GMBH**; Patentabteilung, Pragstrasse 26-46, D-70376 Stuttgart (DE).

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

(11) **WO 98/53194** (13) A1

(21) PCT/GB98/01422

(22) **18 May/mai 1998 (18.05.1998)**

(25) en (26) en

(31) 9710608.2 (32) **23 May/mai 1997 (23.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F02G 1/043, 1/053**

(54) ● STIRLING CYCLE MACHINE

● APPAREIL A CYCLE DE STIRLING

(71) **SUSTAINABLE ENGINE SYSTEMS LIMITED** [GB/GB]; 51 Artesian Road, London W2 5DB (GB).

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

(72, 75) **KINNERSLY, Richard, Furneaux** [GB/GB]; Chapmans Farm, Tutts Lane, West Wellow, Romsey, Hants SO51 6DW (GB).

(74) **WATTS, Peter, Graham**; Anthony Cundy & Co., 1 Olton Bridge, 245 Warwick Road, Solihull B92 9AH (GB).

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

(11) **WO 98/53195** (13) A1

(21) PCT/DE98/00472

(22) **18 Feb/fév 1998 (18.02.1998)**

(25) de (26) de

(31) 197 21 562.9 (32) **23 May/mai 1997 (23.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F02M 25/08**

(54) ● VALVE FOR PROPORTIONED SUPPLY OF VOLATILIZED FUEL

● VANNE D'ALIMENTATION DOSEE EN CARBURANT VOLATILISE

(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) **KRIMMER, Erwin** [DE/DE]; Scheffelweg 9, D-73655 Plüderhausen (DE). **SCHULZ, Wolfgang** [DE/DE]; Schubartstrasse 129, D-74321 Bietigheim-Bissingen (DE). **MIEHLE, Tilman** [DE/DE]; Friedrichstrasse 20, D-71394 Kernen (DE). **ZIMMERMANN, Manfred** [DE/DE]; Salinenstrasse 3, D-74906 Bad Rappenau (DE). **ESPERILLA, Maria** [ES/DE]; Angelstrasse 17, D-74336 Meimsheim (DE).

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

(11) **WO 98/53196** (13) A1

(21) PCT/EP98/02917

(22) **18 May/mai 1998 (18.05.1998)**

(25) de (26) de

(31) 197 21 241.7 (32) **21 May/mai 1997 (21.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F02M 57/02, 61/20**

(54) ● PUMP NOZZLE

● INJECTEUR-POMPE

(71) **MOTORENFABRIK HATZ GMBH & CO. KG** [DE/DE]; Ernst-Hatz-Strasse 16, D-94099 Ruhstorf (DE).

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

(72, 75) **KAMPICHLER, Günter** [AT/DE]; Kreuzkoppe 16, D-94099 Ruhstorf (DE).

(74) **GRÄTTINGER, Günter** et al. / etc.; Grättinger & Partner (Gbr), Wittelsbacherstrasse 5, Postfach 16 55, D-82306 Starnberg 1 (DE).

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

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(21) PCT/FR98/00874

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) fr (26) fr

(31) 97/06112 (32) **20 May/mai 1997 (20.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F02M 61/14**

(54) ● DEVICE FOR FIXING A FUEL INJECTOR ON AN INTERNAL COMBUSTION ENGINE CYLINDER HEAD, AND METHOD FOR FIXING SAID INJECTOR

● DISPOSITIF DE FIXATION D'UN INJECTEUR DE CARBURANT SUR UNE CULASSE DE MOTEUR A COMBUSTION INTERNE, ET UN PROCEDE DE MONTAGE DE CET INJECTEUR

(71) **AUTOMOBILES PEUGEOT** [FR/FR]; 75, avenue de la Grande Armée, F-75116 Paris (FR). **AUTOMOBILES CITROEN** [FR/FR]; 62, boulevard Victor Hugo, F-92200 Neuilly (FR).

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

(72, 75) **GIRARD, Didier** [FR/FR]; 28, allée des Charbonniers, F-95180 Menucourt (FR).

(74) **GICQUEL, Olivier**; Propriété Industrielle, 18, rue des Fauvelles, F-92250 La Garenne Colombes (FR).

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

(11) **WO 98/53198** (13) A1

(21) PCT/EP98/02605

(22) **2 May/mai 1998 (02.05.1998)**

(25) de (26) de

(31) 197 20 535.6 (32) **16 May/mai 1997 (33) DE (16.05.1997)**

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F02P 17/12, G01M 23/22**

(54) ● METHOD FOR IDENTIFYING KNOCKING COMBUSTION IN AN INTERNAL COMBUSTION ENGINE WITH AN ALTERNATING CURRENT IGNITION SYSTEM

● PROCÉDE POUR LA RECONNAISSANCE D'UNE COMBUSTION ACCOMPAGNÉE D'UN COGNEMENT DANS UN MOTEUR A COMBUSTION INTERNE POURVU D'UN SYSTÈME D'ALLUMAGE A TENSION ALTERNATIVE

(71) **DAIMLER-BENZ AKTIENGESSELLSCHAFT** [DE/DE]; Epplestrasse 225, D-70567 Stuttgart (DE).

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

(72, 75) **HOHNER, Peter** [DE/DE]; Kalkofenstrasse 3, D-70771 Echterdingen (DE). **SCHIRMER, Jens** [DE/DE]; Goethestrasse 23, D-90542 Eckental (DE).

(74) **KOLB, Georg**; Daimler-Benz Aktiengesellschaft, Theresienstrasse 2, D-74072 Heilbronn (DE).

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

(11) **WO 98/53199** (13) A1

(21) PCT/IB98/00234

(22) **18 Feb/fév 1998 (18.02.1998)**

(25) en (26) en

(31) P970518A (32) **25 Sep/sep 1997 (33) HR (25.09.1997)**

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F03B 17/02, 17/04**

(54) ● BUOYANCY MOTOR
● MOTEUR FLOTTANT

(71, 72) **ŠTABEK, Miroslav** [BA/BA]; Maguda 3, 71000 Sarajevo (BA).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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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(25) en (26) en

(31) 60/047,237 (32) **20 May/mai 1997 (33) US (20.05.1997)**

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F03D 11/00**

(54) ● DEVICE AND METHOD FOR HEATING AND DEICING WIND ENERGY TURBINE BLADES

● DISPOSITIF ET PROCÉDE DE CHAUFFAGE ET DEGIVRAGE D'AUBES D'EOLIENNE

(71) **THERMION SYSTEMS INTERNATIONAL** [US/US]; 611 Access Road, Stratford, CT 06497 (US).

(72) **ROLLS, John, A.**; 4 Frog Rock Road, Armonk, NY 10504 (US).

(74) **FILARDI, Edward, V.** et al. / etc.; White & Case LLP, Patent Dept., 1155 Avenue of the Americas, New York, NY 10036 (US).

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

(11) **WO 98/53201** (13) A1

(21) PCT/FR97/00906

(22) **23 May/mai 1997 (23.05.1997)**

(25) fr (26) fr

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F03H 1/00, H05H 1/54**

(54) ● DEVICE FOR CONCENTRATING ION BEAMS FOR HYDROMAGNETIC PROPULSION MEANS AND HYDROMAGNETIC PROPULSION MEANS EQUIPPED WITH SAME

● DISPOSITIF DE CONCENTRATION DE FAISCEAU D'IONS POUR PROPULSEUR A PLASMA ET PROPULSEUR A PLASMA EQUIPE D'UN TEL DISPOSITIF

(71) **SOCIETE NATIONALE D'ETUDE ET DE CONSTRUCTION DE MOTEURS D'AVIATION** [FR/FR]; 2, boulevard du Général Martial Valin, F-75015 Paris (FR).

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(71) **MOSCOW AVIATION INSTITUTE** [RU/RU]; Volokolamskoe Shosse 4, Moscow, 125871 (RU).

(only for / seulement pour RU UA)

(72, 75) **LATISCHEV, Leonid Alekseevich** [RU/RU]; Niz. Krasnoselskaia 45-26, Moscow, 107066 (RU). **IAKUBOV, Akhmet Mialikovich** [RU/RU]; Veshniakovskaya vl, 19-183, Moscow, 111539 (RU).

JACOUPOV, Aidar Beksultanovich [KZ/KZ]; Mkr. kazakhfilm 36-29, Alma Ata, 480117 (KZ).

KHARTOV, Sergey Anatolievich [RU/RU]; Prospekt Mira, 118a-180, Moscow, 129164 (RU). **VALENTIAN, Dominique** [FR/FR]; 119, route Nationale, F-78170 Rosny (FR).

(74) **THEVENET, Jean-Bruno** et al. / etc.; Cabinet Beau de Loménie, 158, rue de l'Université, F-75007 Paris (FR).

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

(11) **WO 98/53202** (13) A1

(21) PCT/DE98/00557

(22) **25 Feb/fév 1998 (25.02.1998)**

(25) de (26) de

(31) 197 20 615.8 (32) **16 May/mai 1997 (33) DE (16.05.1997)**

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F04B 17/03, H02K 7/08**

(54) ● MOTOR PUMP FOR AN ABS-BRAKING SYSTEM IN A VEHICLE

● GROUPE MOTO-POMPE POUR SYSTÈME DE FREIN AUTOMOBILE ANTIBLOCCAGE

(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) **SIEGEL, Heinz** [DE/DE]; Hohenloher Strasse 86, D-70435 Stuttgart (DE).

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

(11) **WO 98/53203** (13) A1

(21) PCT/SE98/00947

(22) **20 May/mai 1998 (20.05.1998)**

(25) sv (26) en

(31) 9701906-1 (32) **22 May/mai 1997 (33) SE (22.05.1997)**

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F04B 27/08 // 35/04, 9/04**

(54) ● COMPRESSOR

● COMPRESSEUR

(71) **AB DENDERA COMPRESSION** [SE/SE]; Dufekes Säteri 3396, S-260 23 Kågeröd (SE).

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

(72, 75) **JOHANSSON, Bo** [SE/GB]; 20 Farraton Square, Camp Hill, Northampton NN4 9RQ (GB).

(74) **AWAPATENT AB**; P.O. Box 5117, S-200 71 Malmö (SE).

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

(11) **WO 98/53204** (13) A1

(21) PCT/JP98/02209

(22) **20 May/mai 1998 (20.05.1998)**

(25) ja (26) ja

(31) 9/130775 (32) **21 May/mai 1997 (33) JP (21.05.1997)**

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F04B 39/00, F25B 1/00**

(54) ● ENCLOSED COMPRESSOR AND COOLING SYSTEM

● COMPRESSEUR ENFERME ET SYSTÈME DE REFROIDISSEMENT

(71) **MATSUSHITA REFRIGERATION COMPANY** [JP/JP]; 2-5, Takaïda-hondouri 4-chome, Higashi-ohsaka-shi, Osaka 577-0066 (JP).

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

(72, 75) **ONO, Takeshi** [JP/JP]; 2-17-37, Syorin, Chigasaki-shi, Kanagawa 253-0017 (JP). **KATAOKA, Yoshito** [JP/JP]; 1184-53, Hamanogou, Chigasaki-shi, Kanagawa 253-0086 (JP). **HAYASHI, Yasushi** [JP/JP]; 3-10-26-306, Tsujidoshinmachi, Fujisawa-shi, Kanagawa 251-0042 (JP). **SASANO, Hiroshi** [JP/JP]; 932-303, Kawana, Fujisawa-shi, Kanagawa 251-0015 (JP).

(74) **HIGASHIMA, Takaharu** et al. / etc.; Higashima & Ishii Patent Office, Daiko Building, 2-14, Umeda 3-chome, Kita-ku, Osaka-shi, Osaka 530-0001 (JP).

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

(11) **WO 98/53205** (13) A1

(21) PCT/JP98/02173

(22) **18 May/mai 1998 (18.05.1998)**

(25) en (26) en

(31) 9/130774 (32) **21 May/mai 1997 (21.05.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F04B 39/12**

(54) ● HERMETIC MOTOR COMPRESSOR
● MOTOCOMPRESSEUR HERMETIQUE

(71) **MATSUSHITA REFRIGERATION COMPANY** [JP/JP]; 2-5, Takaidahondori 4-chome, Higashiosaka-shi, Osaka 577-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NOGUCHI, Kazuhito** [JP/JP]; 3-6-201, Kowada 3-chome, Chigasaki-shi, Kanagawa 253-0012 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

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

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(11) **WO 98/53206** (13) A1

(21) PCT/GB98/01480

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(25) en (26) en

(31) 9710314.7 (32) **21 May/mai 1997 (21.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F04B 43/08, B65B 3/00, G01F 11/08**

(54) ● MULTICHANNEL PERISTALTIC DOSING PUMP
● POMPE DE DOSAGE PERISTALTIQUE MULTICANAL

(71, 72) **POWELL, Alexander, Robert** [GB/GB]; 82 Belmont Street, Southport, Merseyside PR8 1JH (GB). **POWELL, Anthony, Bernard** [GB/GB]; 79 Kew Road, Southport, Merseyside PR8 4HN (GB).

(74) **ROYSTONS**; Tower Building, Water Street, Liverpool L3 1BA (GB).

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

(11) **WO 98/53207** (13) A1

(21) PCT/US98/10237

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 08/863,095 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F04B 49/06**

(54) ● WATER BLASTING SYSTEM WITH IMPROVED PRESSURE CONTROL AND METHOD
● SYSTEME DE PULVERISATION D'EAU A HAUTE PRESSION COMPORTANT UNE COMMANDE DE PRESSION AMELIOREE ET PROCEDE S'Y RAPPORTANT

(71) **BUTTERWORTH JETTING SYSTEMS, INC.** [US/US]; 3721 Lapas Drive, P.O. Box 230312, Houston, TX 77223-0312 (US).

(72) **DILL, David, W.**; 1614 Jane Dive, Pasadena, TX 77502-2818 (US). **GINN, Christopher, C.**; 11442 High Bridge Court, Houston, TX 77065 (US). **ELLIOT, Karl, E.**; 11218 Hombleton Way, Houston, TX 77085 (US). **WOODWAQRD, Michael, J.**; 15805 Singapore Lane, Houston, TX 77040 (US).

(74) **HELMREICH, Loren, G.**; Suite 1800, 5718 Westheimer, Houston, TX 77057 (US).

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

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(11) **WO 98/53208** (13) A1

(21) PCT/EP98/02766

(22) **12 May/mai 1998 (12.05.1998)**

(25) de (26) de

(31) 297 08 906.4 (32) **21 May/mai 1997 (21.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F04B 53/12, 23/06**

(54) ● RECIPROCATING DIAPHRAGM PUMP WITH PACKLESS PISTON-CYLINDER UNIT
● POMPE A MEMBRANE A PISTON AVEC UNITE PISTON-CYLINDRE SANS GARNITURE

(71) **LANG APPARATEBAU GMBH** [DE/DE]; Raif-Feisenstrasse 7, D-83309 Siegsdorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HUNKLINGER, Herbert** [DE/DE]; Guggelberg 2, D-83324 Ruhpolding (DE). **RUTZ, Klaus** [DE/DE]; Spielwanger Strasse 36, D-83377 Vachendorf (DE).

(74) **HASE, Christian**; Henkel KGaA, Patente (TTP), D-40191 Düsseldorf (DE).

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

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(11) **WO 98/53209** (13) A1

(21) PCT/DE98/00686

(22) **7 Mar/mar 1998 (07.03.1998)**

(25) de (26) de

(31) 197 21 227.1 (32) **21 May/mai 1997 (21.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F04B 53/16, 1/04**

(54) ● PISTON PUMP WITH A PIPE SEGMENT AS A BUSHING

● POMPE A PISTONS AVEC SECTION DE TUBE COMME DOUILLE

(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) **ALAZE, Norbert** [DE/DE]; Lindenweg 6, D-71706 Markgröningen (DE). **MEGERLE, Friedrich** [DE/DE]; Ahornweg 13, D-71679 Asperg (DE). **SCHÄFER, Ernst-Dieter** [DE/DE]; Alter Lauffener Weg 36, D-74336 Brackenheim (DE). **SCHULLER, Wolfgang** [DE/DE]; Zimmerer-Pfad 25, D-74343 Sachsenheim (DE). **SCHNALZGER, Günther** [AT/DE]; Erlenweg 14, D-87544 Blaichach (DE). **ZITZELSBERGER, Ralf** [DE/DE]; Liegnitzer Strasse 13, D-87616 Marktoberdorf (DE). **BAUR, Gerd** [DE/DE]; Dorfstrasse 20, D-87549 Rettenberg (DE). **HELLEBRANDT, Michael** [DE/DE]; Essweg 3, D-87545 Burgberg (DE).

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

(11) **WO 98/53210** (13) A1

(21) PCT/CN98/00078

(22) **25 May/mai 1998 (25.05.1998)**

(25) zh (26) zh

(31) PCT/CN97/00051 (32) **23 May/mai 1997 (23.05.1997)** (33) WO

(34) CN et al. / etc.

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F04C 18/344, 2/344, F01C 1/344**

(54) ● ECCENTRIC SLIDING VANE EQUILIBRIUM ROTOR DEVICE AND ITS APPLICATIONS
● DISPOSITIF D'EQUILIBRAGE EXCENTRIQUE DES ROTORS A AILETTES COULISSANTES ET SON UTILISATION

(71, 72) **SONG, Junyan** [CN/CN]; 30, Xitao Hutong, Deshengmennei, Xicheng District, Beijing 100009 (CN).

(74) **CCPIT Patent and Trademark Law Office**; 8th floor, 2 Fuchengmenwai Street, Beijing 100037 (CN).

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

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(11) **WO 98/53211** (13) A1

(21) PCT/JP98/02199

(22) **20 May/mai 1998 (20.05.1998)**

(25) ja (26) ja

(31) 9/148587 (32) **21 May/mai 1997 (21.05.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F04D 29/30**

(54) ● MULTI-BLADE CENTRIFUGAL FAN
● SOUFFLANTE CENTRIFUGE MULTI-PALES

(71) **TOTO LTD.** [JP/JP]; 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka 802-8601 (JP).
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(72, 75) **SHIOTANI, Masao** [JP/JP]; Toto Ltd., 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka 802-8601 (JP). **NAKAMURA, Yuzuru** [JP/JP]; Toto Ltd., 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka 802-8601 (JP).

(74) **KAMIMURA, Teruyuki** et al. / etc.; 8-3-702, Kotobashi 1-chome, Sumida-ku, Tokyo 130-0022 (JP).

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

(11) **WO 98/53212** (13) A1

(21) PCT/US98/10370

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 08/862,837 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F04D 29/44**

(54) ● GAS TURBINE ENGINE VANE AND METHOD OF MANUFACTURE
● AUBE DE TURBINE A GAZ ET PROCEDE DE FABRICATION CORRESPONDANT

(71) **ALLISON ADVANCED DEVELOPMENT COMPANY** [US/US]; P.O. Box 7162, Indianapolis, IN 46206 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RHODES, Jeffrey, F.** [US/US]; 270 Royal Oak Court, Zionsville, IN 46077 (US).

(74) **ALLIE, John, H.** et al. / etc.; Woodard, Emhardt, Naughton, Moriarty & McNett, Bank One Center/Tower, Suite 3700, 111 Monument Circle, Indianapolis, IN 46204 (US).

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

(11) **WO 98/53213** (13) A1

(21) PCT/EP98/01616

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) de (26) de

(31) 197 21 404.5 (32) **22 May/mai 1997 (22.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F15B 20/00**

(54) ● MANUALLY OPERATED EMERGENCY CONTROL ACTUATION DEVICE
● DISPOSITIF D'ACTIONNEMENT A COMMANDE MANUELLE D'URGENCE

(71) **FLUTEC FLUIDTECHNISCHE GERÄTE GMBH** [DE/DE]; Industriegebiet, D-66273 Sulzbach (DE).
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(72, 75) **ROTHHAAR, Stefan** [DE/DE]; Zur Friedenseiche 17, D-66606 St. Wendel (DE).

(74) **BARTELS UND PARTNER**; Lange Strasse 51, 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).

(11) **WO 98/53214** (13) A1

(21) PCT/FR98/01004

(22) **20 May/mai 1998 (20.05.1998)**

(25) fr (26) fr

(31) 97/06116 (32) **20 May/mai 1997 (20.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F16B 19/10**

(54) ● DEVICE FOR FIXING AN ELEMENT TO A THIN SUPPORT
● DISPOSITIF DE FIXATION D'UN ELEMENT A UN SUPPORT MINCE

(71) **RENAULT** [FR/FR]; 34, quai du Point du Jour, F-92109 Boulogne Billancourt (FR).

(72) **LAGORGETTE, Armand**; 17, rue de Cernay, F-91470 Boullay les Troux (FR). **MASSON, Jean-Claude**; 14 bis, route de Commeny, F-95450 Gouzangrez (FR).

(74) **HILLION, Didier**; Renault, Sce - 0267 - TPZ - OJ2 - 1 10, 860, quai de Stalingrad, F-92109 Boulogne Billancourt (FR).

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

(11) **WO 98/53215** (13) A1

(21) PCT/US98/10477

(22) **21 May/mai 1998 (21.05.1998)**

(25) en (26) en

(31) 08/861,951 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F16C 25/04**

(54) ● SELF-ALIGNING/RIGID SPHERICAL BEARING ASSEMBLY
● ENSEMBLE PALIER SPHERIQUE RIGIDE A ALIGNEMENT AUTOMATIQUE

(71) **EMERSON ELECTRIC CO.** [US/US]; 8000 W. Florissant, St. Louis, MO 63132 (US).

(72) **NEWBERG, Barry, M.**; 3920 Fleur Dubois, Florissant, MO 63034 (US). **LEWIS, William**; 545 Foxcrest, Hazelwood, MO 63042 (US). **JOHNSON, Philip, S.**; 2049 State Street, Granite City, IL 62040 (US).

(74) **ROLNICKI, Joseph, M.** et al. / etc.; Howell & Haferkamp, L.C., Suite 1400, 7733 Forsyth Boulevard, St. Louis, MO 63105 (US).

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

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(22) **15 May/mai 1998 (15.05.1998)**

(25) en (26) en

(31) 08/862,611 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F16D 1/072, E05F 15/16**

(54) ● DRIVE PLATE AND PINION ASSEMBLY FOR WINDOW REGULATOR SYSTEM
● ENSEMBLE DISQUE D'ENTRAINEMENT ET PIGNON POUR SYSTEME LEVE-VITRE

(71) **UT AUTOMOTIVE DEARBORN, INC.** [US/US]; 5200 Auto Club Drive, Dearborn, MI 48126-2659 (US).

(72) **O'BRIEN, Patrick, B.**; 7378 Cornwall Court, West Bloomfield, MI 48322 (US). **DUTKA, Harry, F.**; 22030 Haig Street, Taylor, MI 48180 (US).

(74) **CARLSON, John, E.** et al. / etc.; Howard & Howard Attorneys, P.C., Suite 101, 1400 North Woodward Avenue, Bloomfield Hills, MI 48304 (US).

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

(11) **WO 98/53217** (13) A1

(21) PCT/US97/11357

(22) **30 Jun/juin 1997 (30.06.1997)**

(25) en (26) en

(31) 08/861,158 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F16D 51/00, B60T 13/04**

(54) ● MOTOR BRAKE
● FREIN DE MOTEUR

(71, 72) **DAUGHERTY, Jack, L.** [US/US]; Southwest Crane, 204 Wren Road, DeRidder, LA 70634 (US).

(74) **LITMAN, Richard, C.**; Litman Law Offices, Ltd., Crystal City Station, P.O. Box 15035, 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 IL IS JP KE KG KP KR KZ 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/53218** (13) A1

(21) PCT/EP98/01267

(22) **6 Mar/mar 1998 (06.03.1998)**

(25) de (26) de

(31) 197 21 647.1 (32) **23 May/mai 1997 (23.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F16D 65/12, 69/04**

(54) ● SOLID CONSTRUCTION FRICTION UNIT, SPECIALLY A BRAKE DISC WITH SEVERAL FRICTION BODIES

● UNITE DE FRICTION COMPACTE, NOTAMMENT DISQUE DE FREIN, A PLUSIEURS CORPS DE FRICTION

(71) **DEUTSCHES ZENTRUM FÜR LUFT- UND RAUMFAHRT E.V.** [DE/DE]; D-53175 Bonn (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KRENKEL, Walter** [DE/DE]; Am alten Sportplatz 17, D-71272 Renningen (DE). **HENKE, Thilo** [DE/DE]; Luise-Bengerstrasse 37, D-70329 Stuttgart (DE). **KOCHENDÖRFER, Richard** [DE/DE]; Silberwaldstrasse 1, D-70619 Stuttgart (DE).

(74) **GRIMM, Ekkehard**; Edith-Stein-Strasse 22, D-63075 Offenbach (DE).

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

(11) **WO 98/53219** (13) A1

(21) PCT/EP98/01494

(22) **14 Mar/mar 1998 (14.03.1998)**

(25) de (26) de

(31) 197 21 473.8 (32) **22 May/mai 1997 (22.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F16D 69/02, C04B 35/80**

(54) ● FRICTION UNIT FOR FRICTION CONTACT WITH A COUNTER BODY AND METHOD FOR THE PRODUCTION OF SAID FRICTION UNIT

● UNITE DE FRICTION POUR CONTACT FRICTIONNEL AVEC UN CORPS ANTAGONISTE, AINSI QUE PROCEDE POUR LA FABRICATION D'UNE TELLE UNITE DE FRICTION

(71) **DEUTSCHES ZENTRUM FÜR LUFT- UND RAUMFAHRT E.V.** [DE/DE]; D-53175 Bonn (DE).
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(72, 75) **KRENKEL, Walter** [DE/DE]; Am alten Sportplatz 17, D-71272 Renningen (DE). **HENKE, Thilo** [DE/DE]; Luise-Benger-Strasse 37, D-70329 Stuttgart (DE).

(74) **GRIMM, Ekkehard**; Edith-Stein-Strasse 22, D-63075 Offenbach (DE).

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

(11) **WO 98/53220** (13) A1

(21) PCT/CH98/00201

(22) **15 May/mai 1998 (15.05.1998)**

(25) de (26) de

(31) 1183/97 (32) **21 May/mai 1997 (21.05.1997)** (33) CH

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F16F 9/32, 9/56**

(54) ● DEVICE FOR ADJUSTING THE LENGTH OF A SUPPORT

● DISPOSITIF POUR LE REGLAGE DE LA LONGUEUR D'UN SUPPORT

(71) **CABEX AG** [LI/LI]; Am Schrägen Weg 14, FL-9490 Vaduz (LI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DEL CONTE, Peter** [CH/CH]; Rebbbergstrasse 21, CH-8356 Etenhausen (CH).

(74) **PATENTANWALTSBÜRO S.V. KULHAVY & CO.**; Kornhausstrasse 3, Postfach 1138, CH-9001 St. Gallen (CH).

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

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(11) **WO 98/53221** (13) A1

(21) PCT/CH98/00205

(22) **15 May/mai 1998 (15.05.1998)**

(25) de (26) de

(31) 1184/97 (32) **21 May/mai 1997 (21.05.1997)** (33) CH

(31) 1492/97 (32) **18 Jun/juin 1997 (18.06.1997)** (33) CH

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F16F 9/32, 9/36**

(54) ● DEVICE FOR ADJUSTING THE LENGTH OF A SUPPORT AND METHOD FOR PRODUCING SAME

● DISPOSITIF POUR LE REGLAGE DE LA LONGUEUR D'UN SUPPORT AINSI QUE PROCEDE DE PRODUCTION DE CE DISPOSITIF

(71) **CABEX AG** [LI/LI]; Am Schrägen Weg 14, FL-9490 Vaduz (LI).

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

(72, 75) **DEL CONTE, Peter** [CH/CH]; Rebbbergstrasse 21, CH-8356 Etenhausen (CH).

(74) **PATENTANWALTSBÜRO S.V. KULHAVY & CO.**; Kornhausstrasse 3, Postfach 1138, CH-9001 St. Gallen (CH).

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

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(11) **WO 98/53222** (13) A1

(21) PCT/GB98/01441

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 9710791.6 (32) **23 May/mai 1997 (23.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F16G 11/00, B21D 11/06**

(54) ● HELICAL PRODUCTS

● PRODUITS HELICOÏDE

(71) **THE MORGAN CRUCIBLE COMPANY PLC** [GB/GB]; Morgan House, Madeira Walk, Windsor, Berkshire SL4 1EP (GB).

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

(72, 75) **MURPHY, Maurice, William** [CA/US]; 274 Burlington Road, Freehold, NJ 07728 (US).

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

(11) **WO 98/53223** (13) A1

(21) PCT/EP98/02903

(22) **16 May/mai 1998 (16.05.1998)**

(25) de (26) de

(31) 197 21 646.3 (32) **23 May/mai 1997 (23.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F16H 1/28, H02K 7/116**

(54) ● DRIVE SYSTEM WITH OPTIMISED COOLING OF THE DRIVE MOTOR

● SYSTEME D'ENTRAÎNEMENT A REFROIDISSEMENT OPTIMISÉ DU MOTEUR D'ENTRAÎNEMENT

(71) **ZF FRIEDRICHSHAFEN AG** [DE/DE]; D-88038 Friedrichshafen (DE).

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

(72, 75) **PESCHECK, Jürgen** [DE/DE]; Strandbadstrasse 24, D-88090 Immenstaad (DE). **KULLBORG, Ove** [SE/SE]; Fimbulvägen 10, S-722 31 Västerås (SE).

(74) **ZF FRIEDRICHSHAFEN AG**; D-88038 Friedrichshafen (DE).

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

Published / Publiée : (c)

(11) **WO 98/53224** (13) A1

(21) PCT/JP98/02224

(22) **20 May/mai 1998 (20.05.1998)**

(25) ja (26) ja

(31) 9/133234 (32) **23 May/mai 1997 (23.05.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F16H 1/32**

(54) ● FLAT WAVE GEARING

● TRAIN D'ENGRENAGES A ONDE PLANE

(71) **HARMONIC DRIVE SYSTEMS, INC.** [JP/JP]; 25-3, Minamiiohi 6-chome, Shinagawa-ku, Tokyo 140-0013 (JP).

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

(72, 75) **KIYOSAWA, Yoshihide** [JP/JP]; Harmonic Drive Systems Inc., Hotaka-kojyo, 1856-1, Ohaza Maki, Hotaka-machi, Minamiyamuzumi-gun, Nagano-ken 399-8305 (JP).

(74) **YOKOZAWA, Shiro**; Harmonate Building, 6th floor, No. 943, Shimadachi, Matsumoto-shi, Nagano-ken 390-0852 (JP).

(81) DE JP US.

(11) **WO 98/53225** (13) A1

(21) PCT/FR98/00983

(22) **15 May/mai 1998 (15.05.1998)**

(25) fr (26) fr

(31) 97/06282 (32) **16 May/mai 1997 (16.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F16H 45/02**

(54) ● HYDROKINETIC COUPLING APPARATUS WITH TAB DRIVING PART, IN PARTICULAR FOR MOTOR VEHICLES

- APPAREIL D'ACCOUPLLEMENT HYDROCLINETIQUE A PIECE D'ENTRAINEMENT DE LANGUETTES, NOTAMMENT POUR VEHICULE AUTOMOBILE
- (71) VALEO [FR/FR]; 43, rue Bayen, F-75017 Paris (FR).
- (72) THEVENON, Luc; 11, rue Duhesme, F-75018 Paris (FR). ARHAB, Rabah; 45, rue des Ecoles, F-95350 Saint Brice sous Forêt (FR).
- (74) GAMONAL, Didier; Valeo Management Services, Propriété Industrielle, 2, rue André Bouille, Boîte postale 150, F-94017 Créteil (FR).
- (81) DE JP.

- (11) WO 98/53226 (13) A1
 (21) PCT/DE98/00204
 (22) 23 Jan/jan 1998 (23.01.1998)
 (25) de (26) de
 (31) 197 21 027.9 (32) 20 May/mai 1997 (33) DE (20.05.1997)
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ F16H 61/00, 61/12

- (54) ● EMERGENCY HYDRAULIC CONTROL FOR ADJUSTING A CONSTANT CLAMPING FORCE RATIO WITH REGARD TO A CONTINUOUSLY VARIABLE TRANSMISSION
- COMMANDE HYDRAULIQUE DE SECURITE POUR L'AJUSTEMENT D'UN RAPPORT CONSTANT DE SERRAGE DANS LE CAS D'UNE TRANSMISSION A VARIATION CONTINUE

- (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) SEN, Mehmet-Faith [DE/DE]; Freiherr-von-Varnbuehler-Strasse 4, D-71282 Hemmingen (DE). SPIESS, Ewald [DE/DE]; Helmut-Ulmer-Strasse 38, D-71665 Vaihingen (DE). SENGEL, Karl-Heinz [DE/DE]; Bussardweg 8, D-74369 Löchgau (DE). LUH, Joachim [DE/DE]; Eschenweg 2, D-74321 Bietigheim-Bissingen (DE). BAUERLE, Peter [DE/DE]; Balinger Strasse 24, D-71636 Ludwigsburg (DE).

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

- (11) WO 98/53227 (13) A1
 (21) PCT/AT98/00118
 (22) 7 May/mai 1998 (07.05.1998)
 (25) de (26) de
 (31) A 842/97 (32) 16 May/mai 1997 (33) AT (16.05.1997)
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ F16J 3/04, F16D 3/84

- (54) ● AXLE COVER
- MANCHON D'AXE

- (71, 72) REICH, Josef [AT/AT]; Hauptstrasse 34/4/10, A-2391 Kaltenleutgeben (AT).

- (74) HOLZER, Walter et al. / etc.; Fleischmannsgasse 9, A-1040 Wien (AT).

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

- (11) WO 98/53228 (13) A1
 (21) PCT/US98/10369
 (22) 20 May/mai 1998 (20.05.1998)
 (25) en (26) en
 (31) 08/859,880 (32) 21 May/mai 1997 (33) US (21.05.1997)
 (43) 26 Nov/nov 1998 (26.11.1998)

- (51)⁶ F16J 15/02, F01D 11/00

- (54) ● INTERSTAGE VANE SEAL APPARATUS
- DISPOSITIF DE SCELLEMENT D'AUBES ENTRE ETAGES

- (71) ALLISON ADVANCED DEVELOPMENT COMPANY [US/US]; P.O. Box 7162, Indianapolis, IN 46206 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) RESS, Robert, Anthony, Jr. [US/US]; 218 West Admiral Way, Carmel, IN 46032 (US). DAVIS, Brian, Michael [US/US]; P.O. Box 62991, Cincinnati, OH 45264 (US).

- (74) ALLIE, John, H. et al. / etc.; Woodard, Emhardt, Naughton, Moriarty & McNett, Bank One Center/Tower, Suite 3700, 111 Monument Circle, Indianapolis, IN 46204 (US).

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

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- (11) WO 98/53229 (13) A1
 (21) PCT/DE98/01197
 (22) 30 Apr/avr 1998 (30.04.1998)
 (25) de (26) de
 (31) 197 20 648.4 (32) 16 May/mai 1997 (33) DE (16.05.1997)
 (43) 26 Nov/nov 1998 (26.11.1998)

- (51)⁶ F16J 15/32

- (54) ● BRUSH-HAIR SEAL WITH A FRONT PLATE AND A BEARING PLATE
- JOINT-BROSSE AVEC PLAQUE FRONTALE ET PLAQUE D'APPUI

- (71) MTU MOTOREN- UND TURBINEN-UNION MÜNCHEN GMBH [DE/DE]; Postfach 50 06 40, D-80976 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) WERNER, Klemens [DE/DE]; Esmarchstrasse 7a, D-80999 München (DE). GAIL, Alfons [DE/DE]; Eichenstrasse 42, D-86316 Friedberg (DE).

- (81) BR CA CN CZ ID JP KR PL UA US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) WO 98/53230 (13) A1
 (21) PCT/DE98/01204
 (22) 30 Apr/avr 1998 (30.04.1998)
 (25) de (26) de

- (31) 197 20 649.2 (32) 16 May/mai 1997 (33) DE (16.05.1997)

- (43) 26 Nov/nov 1998 (26.11.1998)

- (51)⁶ F16J 15/32

- (54) ● BRUSH-HAIR SEAL
- JOINT-BROSSE

- (71) MTU MOTOREN- UND TURBINEN-UNION MÜNCHEN GMBH [DE/DE]; Postfach 50 06 40, D-80976 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) WERNER, Klemens [DE/DE]; Esmarchstrasse 7a, D-80999 München (DE). GAIL, Alfons [DE/DE]; Eichenstrasse 42, D-86316 Friedberg (DE).

- (81) BR CA CN CZ ID JP KR PL UA US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) WO 98/53231 (13) A1
 (21) PCT/GB98/01376
 (22) 14 May/mai 1998 (14.05.1998)
 (25) en (26) en
 (31) 9710050.7 (32) 16 May/mai 1997 (33) GB (16.05.1997)
 (43) 26 Nov/nov 1998 (26.11.1998)

- (51)⁶ F16J 15/43

- (54) ● SEALED DRIVE SYSTEM
- SYSTEME D'ENTRAINEMENT HERMETIQUEMENT FERME

- (71) ADVANCED FLUID SYSTEMS LIMITED [GB/GB]; Pensbury Industrial Estate, Units 10-14, Pensbury Street, Wandsworth, 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). BOGUSLAVSKIY, Vadim [US/US]; 26 Rider Terrace, Princeton, NJ 08540 (US).

- (74) PEARCE, Anthony, Richmond et al. / etc.; Marks & Clerk, Alpha Tower, Suffolk Street Queensway, Birmingham B1 1TT (GB).

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

- (11) WO 98/53232 (13) A1
 (21) PCT/CH98/00156
 (22) 22 Apr/avr 1998 (22.04.1998)
 (25) de (26) de
 (31) 1148/97 (32) 16 May/mai 1997 (33) CH (16.05.1997)
 (43) 26 Nov/nov 1998 (26.11.1998)

- (51)⁶ F16J 15/46

- (54) ● INTERMEDIATE METALLIC LAYER FOR FLAT PACKING WHICH CAN BE SUBJECTED TO HIGH STRESSES, AND METHOD FOR PRODUCING A FLAT PACKING WITH SUCH INTERMEDIATE LAYER

- COUCHE METALLIQUE INTERMEDIAIRE POUR GARNITURES PLATES FORTEMENT SOLLICITEES ET PROCEDE DE PRODUCTION D'UNE GARNITURE PLATE AVEC UNE TELLE COUCHE INTERMEDIAIRE

- (71) **BALZERS AG** [CH/CH]; CH-9477 Trübbach (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHERTLER, Roman** [AT/AT]; Lorenz Schertlerstrasse 18, A-6922 Wolfurt (AT).
- (74) **TROESCH SCHEIDEGGER WERNER AG**; Siewerdstrasse 95, Postfach, CH-8050 Zürich (CH).
- (81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/53233** (13) A1

(21) PCT/IL97/00289

(22) **1 Sep/sep 1997 (01.09.1997)**

(25) en (26) en

(31) 120858 (32) **19 May/mai 1997 (19.05.1997)** (33) IL

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F16K 31/06**

(54) ● **MAGNETIC FLOW CONTROLLER**

● **CONTROLEUR MAGNETIQUE DE DEBIT**

(71) **Q-CORE LTD.** [IL/IL]; P.O. Box 3, 44837 Ariel (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEN-SHALOM, Zvi** [IL/IL]; Savyonim Street 1/3, 44837 Ariel (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 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).

(11) **WO 98/53234** (13) A1

(21) PCT/IL97/00290

(22) **1 Sep/sep 1997 (01.09.1997)**

(25) en (26) en

(31) 120859 (32) **19 May/mai 1997 (19.05.1997)** (33) IL

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F16K 31/06**

(54) ● **MAGNETIC VALVE**

● **VANNE ELECTROMAGNETIQUE**

(71) **Q-CORE LTD.** [IL/IL]; P.O. Box 3, 44837 Ariel (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEN-SHALOM, Zvi** [IL/IL]; Savyonim Street 1/3, 44837 Ariel (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 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).

(11) **WO 98/53235** (13) A1

(21) PCT/JP98/01290

(22) **23 Mar/mar 1998 (23.03.1998)**

(25) ja (26) ja

(31) 9/133450 (32) **23 May/mai 1997 (23.05.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F16K 31/06**

(54) ● **PROPORTIONAL PRESSURE CONTROL VALVE**

● **SOUPAPE DE REGULATION DE PRESSION PROPORTIONNELLE**

(71) **SUMITOMO ELECTRIC INDUSTRIES, LTD.** [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OYAMA, Hitoshi** [JP/JP]; Itami Works of Sumitomo Electric Industries, Ltd., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-0016 (JP). **HASHIDA, Koichi** [JP/JP]; Itami Works of Sumitomo Electric Industries, Ltd., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-0016 (JP).

(74) **KAMADA, Bunji** et al. / etc.; 18-12, Nipponbashi 1-chome, Chuo-ku, Osaka-shi, Osaka 542-0073 (JP).

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

(11) **WO 98/53236** (13) A1

(21) PCT/US98/10410

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 60/047,346 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F16K 31/126**

(54) ● **LOW-POWER THERMOPNEUMATIC MICROVALVE**

● **MICROSOUPE THERMOPNEUMATIQUE A FAIBLE PUISSANCE**

(71) **REDWOOD MICROSYSTEMS, INC.** [US/US]; 1020 Hamilton Court, Menlo Park, CA 94025 (US).

(72) **HENNING, Albert, Karl**; 1020 Hamilton Court, Menlo Park, CA 94025 (US). **ZDEBLICK, Mark**; 1020 Hamilton Court, Menlo Park, CA 94025 (US). **FITCH, John, Stuart**; 1020 Hamilton Court, Menlo Park, CA 94025 (US). **HOPKINS, Dean, Allyn, Jr.**; 1020 Hamilton Court, Menlo Park, CA 94025 (US). **LILLY, Leslie, Joe**; 1020 Hamilton Court, Menlo Park, CA 94025 (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) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/53237** (13) A1

(21) PCT/FR98/00904

(22) **5 May/mai 1998 (05.05.1998)**

(25) fr (26) fr

(31) 97/06144 (32) **16 May/mai 1997 (16.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F16L 11/16**

(54) ● **ELONGATE STREAMLINED ELEMENT CAPABLE OF CHANGING ITS CURVATURE AND METHOD FOR MAKING SAME**

● **ELEMENT PROFILE ALLONGE SUSCEPTIBLE DE CHANGER DE COURBURE ET SON PROCEDE DE FABRICATION**

(71) **COFLEXIP** [FR/FR]; 23, avenue de Neuilly, F-75116 Paris (FR). **INSTITUT FRANÇAIS DÙ PETROLE** [FR/FR]; 4, avenue de Bois Préau, F-92852 Rueil Malmaison (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HARDY, Jean** [FR/FR]; Résidence Boieldieu, Rue Louis Ganne, F-76360 Barentin (FR). **DAL MASO, Fabrice** [FR/FR]; 140, rue Pierre Brossollette, F-92500 Rueil Malmaison (FR). **GROSJEAN, François** [FR/FR]; 19, rue des Acacias, F-69630 Chaponost (FR).

(74) **ANDREEFF, François**; Institut Français du Pétrole, 4, avenue de Bois Préau, F-92852 Rueil Malmaison (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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53238** (13) A1

(21) PCT/NO98/00145

(22) **12 May/mai 1998 (12.05.1998)**

(25) no (26) en

(31) 972283 (32) **20 May/mai 1997 (20.05.1997)** (33) NO

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F16L 29/00**

(54) ● **CONNECTOR WITH INTEGRATED VALVE**

● **RACCORD COMPORTANT UN CLAPET INTEGRÉ**

(71) **KVÆRNER OILFIELD PRODUCTS A.S.** [NO/NO]; Enebakkeveien 71B, N-0196 Oslo (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VON TREPKA, Knut** [NO/NO]; Heimlibakken 16, N-0198 Oslo (NO).

(74) **TOFTING, Arild**; 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53239** (13) A1

(21) PCT/EP98/03048

(22) **22 May/mai 1998 (22.05.1998)**

(25) de (26) de

(31) 297 09 040.2 (32) **22 May/mai 1997 (22.05.1997)** (33) DE

(31) 297 13 116.8 (32) **23 Jul/juul 1997 (23.07.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F16L 37/00, 37/12**

(54) ● QUICK-CONNECT COUPLING

● ACCOUPLEMENT A CONNEXION RAPIDE

(71, 72) **WEH, Erwin** [DE/DE]; Siemensstrasse 5, D-89257 Illertissen (DE). **WEH, Wolfgang** [DE/DE]; Siemensstrasse 5, D-89257 Illertissen (DE).

(74) **FIENER, Josef**; Maximilianstrasse 57, D-87712 Mindelheim (DE).

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

Published / Publiée : (c)

(11) **WO 98/53240** (13) A1

(21) PCT/NO98/00150

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 972358 (32) **22 May/mai 1997 (22.05.1997)** (33) NO

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F16L 41/08**

(54) ● STRAIGHT-THROUGH NIPPLE FOR SEALING CONNECTION TO A LINED PIPELINE
● MAMELON DROIT SERVANT A EFFEC-TUER UN RACCORD ETANCHE AVEC UN CONDUIT DOUBLE

(71, 72) **HAUGE, Magnus** [NO/NO]; Frøyland, N-4320 Hommersåk (NO).

(74) **HÅMSØ, Borge** et al. / etc.; Håmsø Patentbyrå ANS, P.O. Box 171, N-4301 Sandnes (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53241** (13) A1

(21) PCT/GB98/01368

(22) **21 May/mai 1998 (21.05.1998)**

(25) en (26) en

(31) 9710487.1 (32) **22 May/mai 1997 (22.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F16L 47/00, 47/02, B29C 61/06, 63/18, 65/36, 65/68, B29D 23/00**

(54) ● HEAT FUSION FITTING

● ACCESSOIRE DE FUSION THERMIQUE

(71) **UPONOR LIMITED** [GB/GB]; Hilcote Plant, P.O. Box 1, Blackwell, Nr. Alfreton, Derbyshire DE55 5JD (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HARGET, David, Charles** [GB/GB]; 122A Bramcote Lane, Wollaton, Nottingham NG8 2QG (GB). **JARVENKYLA, Jyri** [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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53242** (13) A1

(21) PCT/GB98/01408

(22) **15 May/mai 1998 (15.05.1998)**

(25) en (26) en

(31) 08/857,230 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(31) 08/857,876 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F16L 47/02, H02M 5/44, 7/48, B29C 65/34, 65/36**

(54) ● FUSION JOINING APPARATUS

● APPAREIL D'ASSEMBLAGE PAR FUSION

(71) **UPONOR ALDYL COMPANY** [US/US]; Suite 300-A, 7234 Lancaster Pike, Hockessin, DE 19707 (US).
(for all designated States except / pour tous les États désignés sauf AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE US)

(71) **UPONOR LIMITED** [GB/GB]; Hilcote Plant, P.O. Box 1, Blackwell, Nr. Alfreton, Derbyshire DE55 5JD (GB).
(only for / seulement pour AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE)

(72, 75) **SMITH, Cin** [US/US]; 2495 Old Middlefield Way, Mountain View, CA 94043 (US). **PERICA, Goran** [US/US]; 2136 Harkins Avenue, Menlo Park, CA 94025 (US). **BLESKE, Randy, J.** [US/US]; 1286 Settle Avenue, San Jose, CA 95125 (US). **KINNEY, Steve** [US/US]; 185 E. Homestead Road #18, Sunnyvale, CA 94087 (US).

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

(11) **WO 98/53243** (13) A1

(21) PCT/EP98/02962

(22) **20 May/mai 1998 (20.05.1998)**

(25) de (26) de

(31) 297 09 093.3 (32) **23 May/mai 1997 (23.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F16M 11/04**

(54) ● ARTICULATED BRACKET FOR OFFICE EQUIPMENT

● BRAS ARTICULE POUR ACCESSOIRE DE BUREAU

(71, 72) **STRÄTER, Fritz** [DE/DE]; Auf den Breien 14, D-58540 Valbert (DE). **STRÄTER, Uwe** [DE/DE]; Unterm Bamberg 1, D-58540 Meinerzhagen (DE).

(74) **ZAPF, Christoph**; Theodor-Heuss-Ring 1-3, D-50668 Köln (DE).

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

Published / Publiée : (c)

(11) **WO 98/53244** (13) A1

(21) PCT/EP98/02964

(22) **20 May/mai 1998 (20.05.1998)**

(25) de (26) de

(31) 1163/97 (32) **20 May/mai 1997 (20.05.1997)** (33) CH

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F16M 11/04**

(54) ● MICROSCOPE STAND, ESPECIALLY FOR AN OPERATION MICROSCOPE
● STATIF POUR MICROSCOPE, EN PARTICULIER POUR MICROSCOPE D'OPERATIONS

(71) **LEICA MIKROSKOPIE SYSTEME AG** [CH/CH]; Heinrich-Wild-Strasse, CH-9435 Heerbrugg (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **METELSKI, Andreas** [CH/CH]; Spielgasse, CH-8590 Romanshorn (CH). **WÄGER, Karl-Heinz** [AT/AT]; Hans-Berchtoldstrasse 59, A-6840 Götzis (AT).

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

Published / Publiée : (c)

(11) **WO 98/53245** (13) A1

(21) PCT/EP98/02603

(22) 2 May/mai 1998 (02.05.1998)

(25) de (26) de

(31) 197 21 128.3 (32) 20 May/mai 1997 (20.05.1997) (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ F17C 1/06

(54) ● PARTIAL OR COMPLETE USE OF A PRESSURIZED GAS CYLINDER KNOWN PER SE FOR COMPRESSED, LIQUEFIED OR DISSOLVED GASES

● UTILISATION PARTIELLE OU TOTALE D'UNE BOUTEILLE A GAZ SOUS PRESSION CONNUE EN SOI POUR DES GAZ COMPRIMES, LIQUEFIES OU DISSOUS

(71) MESSER GRIESHEIM GMBH [DE/DE]; Frankfurt Airport Center 1, C9, Hugo-Eckener-Ring, D-60547 Frankfurt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MARKHOFF, Klaus [DE/DE]; Von-Ossietzky-Strasse 11, D-47906 Kempen (DE). KESTEN, Martin [DE/DE]; Rothenbacher Weg 12b, D-51503 Rösrath (DE).

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

Published / Publiée : (c)

(11) WO 98/53246 (13) A1

(21) PCT/US98/10323

(22) 20 May/mai 1998 (20.05.1998)

(25) en (26) en

(31) 859,172 (32) 20 May/mai 1997 (20.05.1997) (33) US

(31) 056,369 (32) 7 Apr/avr 1998 (07.04.1998) (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ F17C 11/00, B01D 53/02(54) ● HIGH CAPACITY GAS STORAGE AND DISPENSING SYSTEM
● SYSTEME DE STOCKAGE ET DE DISTRIBUTION DE GAZ A GRANDE CAPACITE

(71) ADVANCED TECHNOLOGY MATERIALS, INC. [US/US]; 7 Commerce Drive, Danbury, CT 06810 (US).

(72) TOM, Glenn, M.; 2 Powder Horn Lane, Milford, CT 06460 (US).

(74) HULTQUIST, Steven, J.; Intellectual Property/Technology Law, P.O. Box 14329, 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 IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK 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 CY DE DK ES FI FR 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)

(11) WO 98/53247 (13) A1

(21) PCT/EP98/03052

(22) 22 May/mai 1998 (22.05.1998)

(25) de (26) de

(31) 297 09 041.0 (32) 22 May/mai 1997 (22.05.1997) (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ F17C 13/00, 13/04

(54) ● FILLING CONNECTION FOR GAS CYLINDER VALVES

● RACCORDEMENT DE REMPLISSAGE DESTINE A DES ROBINETS DE BOUTEILLES A GAZ

(71, 72) WEH, Erwin [DE/DE]; Siemensstrasse 5, D-89257 Illertissen (DE). WEH, Wolfgang [DE/DE]; Siemensstrasse 5, D-89257 Illertissen (DE).

(74) FIENER, Josef; Maximilianstrasse 57, Postfach 1249, D-87712 Mindelheim (DE).

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

Published / Publiée : (c)

(11) WO 98/53248 (13) A1

(21) PCT/US98/04617

(22) 9 Mar/mar 1998 (09.03.1998)

(25) en (26) en

(31) 08/862,334 (32) 23 May/mai 1997 (23.05.1997) (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ F21V 21/04, 29/00, H01R 4/24, 11/20(54) ● MODULAR LIGHTING FIXTURE
● LUMINAIRE MODULAIRE

(71) THE POWER & LIGHT COMPANY [US/US]; 8154 Bracken Creek, San Antonio, TX 78266 (US).

(72) CUMMINGS, John, H.; 11691 Wilding Road, Santa Ana, CA 92705 (US). FUJII, Alan, I.; 16601 Edgewater Lane, Huntington Beach, CA 92649 (US).

(74) MULLER, Mark, V.; Jenkins & Gilchrist, Suite 3200, 1445 Ross Avenue, Dallas, TX 75202-2799 (US).

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

(11) WO 98/53249 (13) A1

(21) PCT/FR98/00990

(22) 19 May/mai 1998 (19.05.1998)

(25) fr (26) fr

(31) 97/06319 (32) 23 May/mai 1997 (23.05.1997) (33) FR

(31) 97/06320 (32) 23 May/mai 1997 (23.05.1997) (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ F23D 14/30, 14/14, 14/64, 14/82, F24C 1/12, A01K 31/19(54) ● HEATING APPARATUS
● APPAREIL DE CHAUFFAGE(71) 4E SYSTEL [FR/FR]; 58, rue de Nantes, La Ménardais, F-44119 Treillières (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GAUDIN, Jean-Marc [FR/FR]; 12, chemin du Clos David, F-44119 Treillières (FR).

(74) DAWIDOWICZ, Armand; Cabinet Dawidowicz, 18, boulevard Pereire, F-75017 Paris (FR).

(81) BR CA MX US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) WO 98/53250 (13) A1

(21) PCT/FR98/00961

(22) 14 May/mai 1998 (14.05.1998)

(25) fr (26) fr

(31) 97/06108 (32) 20 May/mai 1997 (20.05.1997) (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ F23D 14/42, 14/54(54) ● OXYACETYLENE CUTTING APPARATUS
● CHALUMEAU D'OXYCOUPEGE

(71, 72) DONZE, Michel [FR/FR]; La Flie, F-54460 Liverdun (FR). PRIORETTI, Guy [FR/FR]; 13, rue Alexandre Dreux, F-57100 Thionville (FR).

(74) JAUNEZ, Xavier et al. / etc.; Cabinet Boettcher, 23, rue La Boétie, 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) WO 98/53251 (13) A1

(21) PCT/CN97/00050

(22) 22 May/mai 1997 (22.05.1997)

(25) zh (26) zh

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ F23G 5/00(54) ● A METHOD AND APPARATUS FOR RECOVERING ENERGY OF WASTE CLASSIFICATION INCINERATION
● PROCEDE ET DISPOSITIF DE RECUPERATION DE L'ENERGIE TIREE DE L'INCINERATION ET DU TRI DES DECHETS

(71, 72) JIAN, Siren [CN/CN]; No. 1 Fl. 5 Sub-Lane 19, Lane 284, Wusin Street, Taipei (CN).

(74) CHINA SCIENCES PATENT AGENT LIMITED; 6th floor, 100 East Zhongguancun Road, Beijing 100080 (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 IL IS JP KE KG KP KR KZ 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).

(11) WO 98/53252 (13) A1

(21) PCT/CN98/00074

(22) 18 May/mai 1998 (18.05.1998)

(25) zh (26) zh

(31) 97 1 11318.1 (32) **18 May/mai 1997** (33) CN
(18.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F23J 1/02**

(54) ● METHOD OF TRANSPORTING SLAG IN WATER-COOLED OR WATER-AIR-COOLED COOLER AND COOLER THEREOF

● PROCÉDE DE TRANSPORT DE SCORIES DANS UN DISPOSITIF DE REFROIDISSEMENT A L'EAU OU DE REFROIDISSEMENT A AIR-EAU ET DISPOSITIF DE REFROIDISSEMENT CONNEXE

(71, 72) **GONG, Huiqin** [CN/CN]; 23 Sheng Fu Road, Hang Zhou, Zhijiang 310007 (CN).

(74) **SHANGHAI PATENT & TRADEMARK LAW OFFICE**; 435 Guiping Road, Shanghai 200233 (CN).

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

(11) **WO 98/53253** (13) A1

(21) PCT/JP98/02146

(22) **15 May/mai 1998 (15.05.1998)**

(25) ja (26) ja

(31) 9/129400 (32) **20 May/mai 1997** (33) JP
(20.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F23Q 2/02, 2/44, F23D 3/02, 3/08**

(54) ● LIQUID FUEL BURNING DEVICE

● DISPOSITIF POUR BRULER UN COMBUSTIBLE LIQUIDE

(71) **TOKAI CORPORATION** [JP/JP]; 48-3, Sasazuka 1-chome, Shibuya-ku, Tokyo 151-0073 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIFUNE, Hideo** [JP/JP]; Main Factory, Tokai Corporation, 3-4, Shimohara, Subashiri, Oyama-cho, Sunto-gun, Shizuoka-ken 410-1431 (JP). **NAKAMURA, Yasuaki** [JP/JP]; Main Factory, Tokai Corporation, 3-4, Shimohara, Subashiri, Oyama-cho, Sunto-gun, Shizuoka-ken 410-1431 (JP). **TSUKAMOTO, Takashi** [JP/JP]; Main Factory, Tokai Corporation, 3-4, Shimohara, Subashiri, Oyama-cho, Sunto-gun, Shizuoka-ken 410-1431 (JP).

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

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

(11) **WO 98/53254** (13) A1

(21) PCT/JP98/02114

(22) **13 May/mai 1998 (13.05.1998)**

(25) ja (26) ja

(31) 9/129663 (32) **20 May/mai 1997** (33) JP
(20.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F23R 3/00**

(54) ● FLAME DETECTOR FOR COMBUSTOR

● DETECTEUR DE FLAMME POUR DISPOSITIF DE COMBUSTION

(71) **MITSUBISHI HEAVY INDUSTRIES, LTD.** [JP/JP]; 5-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8315 (JP).

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

(72, 75) **TSUKAGOSHI, Keizo** [JP/JP]; Mitsubishi Heavy Industries, Ltd., 5-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8315 (JP). **TANIMURA, Satoshi** [JP/JP]; Takasago Machinery Works of Mitsubishi Heavy Industries, Ltd., 1-1, Shinhama 2-chome, Arai-cho, Takasago-shi, Hyogo-ken 676-0008 (JP). **ABE, Katsuhiko** [JP/JP]; Takasago Machinery Works of Mitsubishi Heavy Industries, Ltd., 1-1, Shinhama 2-chome, Arai-cho, Takasago-shi, Hyogo-ken 676-0008 (JP).

(74) **ISHIKAWA, Arata**; Toranomon Sangyo Building, 2-29, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

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

(11) **WO 98/53255** (13) A1

(21) PCT/AU98/00345

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) PO 6861 (32) **16 May/mai 1997** (33) AU
(16.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F24B 3/00**

(54) ● IMPROVED BRAZIER

● BRASERO AMELIORE

(71, 72) **ROACH, Geoff** [AU/AU]; 74 James Ruse Drive, Rosehill, NSW 2142 (AU).

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

(11) **WO 98/53256** (13) A1

(21) PCT/JP98/02191

(22) **19 May/mai 1998 (19.05.1998)**

(25) ja (26) ja

(31) 9/130605 (32) **21 May/mai 1997** (33) JP
(21.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F24D 3/16, H05B 3/00, 3/20**

(54) ● WINDABLE RADIATOR

● RADIATEUR PLIANT

(71) **MITSUBISHI KAGAKU SANSHI CORPORATION** [JP/JP]; 4-2, Nihonbashi Honmachi 4-chome, Chuuou-ku, Tokyo 103-0023 (JP).

(72) **SASAKI, Takashi**; Products R. & D. Laboratory, Mitsubishi Kagaku Sanshi Corporation, 3-2, Chuouou 8-chome, Ami-machi, Inashiki-gun, Ibaraki 300-0332 (JP). **INOUE, Mitiaki**; Products R. & D. Laboratory, Mitsubishi Kagaku Sanshi Corporation, 3-2, Chuouou 8-chome, Ami-machi, Inashiki-gun, Ibaraki 300-0332 (JP). **IJIMA, Shigeko**; Products R. & D. Laboratory, Mitsubishi Kagaku Sanshi Corporation, 3-2, Chuouou 8-chome, Ami-machi, Inashiki-gun, Ibaraki 300-0332 (JP).

(74) **SASAKI, Shigemitsu**; Sasaki & Associates, Kakimi Building, 7th floor, 7-14, Nishishinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).

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

(11) **WO 98/53257** (13) A1

(21) PCT/GB98/01392

(22) **15 May/mai 1998 (15.05.1998)**

(25) en (26) en

(31) 9710139.8 (32) **19 May/mai 1997** (33) GB
(19.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F24D 19/10**

(54) ● PUMP CONTROL

● REGULATEUR DE POMPE

(71) **HONEYWELL CONTROL SYSTEMS LIMITED** [GB/GB]; Honeywell House, Arlington Business Park, Bracknell, Berkshire RG12 1EB (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FERGUSON, Colin, Thomas** [GB/GB]; 29 Portland Park, Hamilton, Lanarkshire ML3 7YJ (GB).

(74) **FOX-MALE, Nicholas, Vincent, Humbert**; Honeywell Control Systems Limited, Honeywell House, Arlington Business Park, Bracknell, Berkshire RG12 1EB (GB).

(81) AL AM AU AZ BA BG BY CA CN CZ EE GE HU IL JP KG KZ LT LV MD MK NO PL PT RO RU SG SI SK TJ TM TR UA US UZ YU; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/53258** (13) A1

(21) PCT/CN98/00073

(22) **15 May/mai 1998 (15.05.1998)**

(25) zh (26) zh

(31) 97217649.7 (32) **21 May/mai 1997** (33) CN
(21.05.1997)

(31) 98204400.3 (32) **11 May/mai 1998** (33) CN
(11.05.1998)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F24F 5/00**

(54) ● AN OXYGEN-RICH AIR CONDITIONER

● CONDITIONNEUR D'AIR POUR ENRICHIR L'AIR EN OXYGENE

(71, 72) **OUYANG, Caifeng** [CN/CN]; 22-9511 Hepingqu North Minzu Street, Shenyang, Liaoning 110001 (CN). **HUANG, Kemin** [CN/CN]; 22-9511 Hepingqu North Minzu Street, Shenyang, Liaoning 110001 (CN).

(74) **CHINA SCIENCES PATENT AGENT LIMITED**; 6/F, 100 East Zhongguancun Road, Beijing 100080 (CN).

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

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(11) **WO 98/53259** (13) A1

(21) PCT/EP98/02792

(22) **13 May/mai 1998 (13.05.1998)**

(25) de (26) de

(31) 197 21 351.0 (32) **22 May/mai 1997 (22.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F25B 37/00, 15/04**

(54) ● METHOD AND INSTALLATION FOR GENERATING COLD AND/OR HEAT
● PROCEDE ET INSTALLATION POUR PRODUIRE DU FROID ET/OU DU CHAUD

(71) **EES-ERDGAS-ENERGIESYSTEME GMBH** [DE/DE]; Wolfsbanking 38, D-45355 Essen (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRANZ, Alexander-Ivo** [DE/DE]; Lindenhof 42, D-43481 Mülheim (DE). **FÖRSTER, Manfred** [DE/DE]; Trappenbergstrasse 16, D-45134 Essen (DE). **GELESIC, Antun** [DE/DE]; Karl-Schorn-Strasse 52, D-41462 Neuss (DE).

(74) **RUPPRECHT, Klaus** et al. / etc.; ABB Patent GmbH, Postfach 10 03 51, D-68128 Mannheim (DE).

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

(11) **WO 98/53260** (13) A1

(21) PCT/FR98/00946

(22) **12 May/mai 1998 (12.05.1998)**

(25) fr (26) fr

(31) 97/05890 (32) **12 May/mai 1997 (12.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F25D 23/12, 25/02, A47J 39/00**

(54) ● INSTALLATION FOR COLD PRESERVATION WITH LOCALISED HEATING OF MEALS ON MEAL SERVICE TRAYS
● INSTALLATION POUR LA CONSERVATION FROIDE AVEC RECHAUFFAGE LOCALISE DE METS SUR DES PLATEAUX-REPAS

(71) **ITALINNOVA S.A.S. DI GRANDI RENE VINCENT** [IT/IT]; Viale Marco da Campione, 4, I-22060 Campione d'Italia (IT). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GRANDI, René, Vincent** [FR/IT]; Viale Marco da Campione, 4, I-22060 Campione d'Italia (IT).

(74) **PERRIER, Jean-Pierre**; Cabinet Germain et Maureau, 12, rue de la République, F-42000 Saint Etienne (FR).

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

(11) **WO 98/53261** (13) A1

(21) PCT/SE98/00921

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 9701921-0 (32) **23 May/mai 1997 (23.05.1997)** (33) SE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F27B 7/22, C21C 5/46**

(54) ● A METALLURGICAL FURNACE UNIT
● FOUR METALLURGIQUE

(71) **BOLIDEN CONTECH AB** [SE/SE]; P.O. Box 21024, S-100 31 Stockholm (SE).

(72) **KÅGSTRÖM, Per**; Väststigen 6, S-931 56 Skellefteå (SE). **LUNDIN, Lars**; Hemmansgatan 219, S-931 56 Skellefteå (SE). **MARKLUND, Sam**; Ö. Grubbgatan 10, S-931 64 Skellefteå (SE).

(74) **LUNDIN, Björn-Eric**; Trelleborg AB, Patents and Trade Marks, P.O. Box 21024, S-100 31 Stockholm (SE).

(81) AU BG CA CN JP KR MX PL; EA (AM AZ BY KG KZ MD RU TJ TM).

(11) **WO 98/53262** (13) A1

(21) PCT/GB98/01446

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 9710423.6 (32) **22 May/mai 1997 (22.05.1997)** (33) GB

(31) 9716169.9 (32) **1 Aug/août 1997 (01.08.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F27D 1/12, 1/16, 1/14**

(54) ● MONOLITHIC CONSTRUCTION USING PRECAST STOPEND BLOCK
● CONSTRUCTION MONOLITHIQUE REALISEE A L'AIDE DE BLOCS D'ARRET D'EXTREMITE PREFABRIQUES

(71) **POULTON LIMITED** [GB/GB]; Station House, Cannock Road, Hednesford, Staffordshire WS12 4AF (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CORBET, Graeme, Stirling** [GB/GB]; 34 Castle Close, Henley in Arden B95 5LR (GB). **RAWSON, Michael** [GB/GB]; 54 Chapel Street, Wath on Dearne, Rotherham, South Yorkshire S63 7RG (GB).

(74) **MURGITROYD & COMPANY**; 373 Scotland Street, Glasgow G5 8QA (GB).

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

Published / Publiée : (c)

(11) **WO 98/53263** (13) A1

(21) PCT/GB97/01392

(22) **21 May/mai 1997 (21.05.1997)**

(25) en (26) en

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F28D 7/00, B23K 20/02**

(54) ● HEAT EXCHANGER
● ECHANGEUR THERMIQUE

(71) **CHART MARSTON LIMITED** [GB/GB]; Sevenside Company Services, 110 Whitchurch Road, Cardiff CF4 3LY (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SYMONDS, Keith, Thomas** [GB/GB]; 4 Lansdowne Avenue, Codsall, Staffs WV8 2EN (GB). **SYMONDS, Steven, Paul** [GB/GB]; 4 Lansdowne Avenue, Codsall, Staffs WV8 2EN (GB). **WATTON, Brian, Keith** [GB/GB]; Briary Croft, Cross Road, Albrighton, Staffs WV7 3RA (GB).

(74) **J.H. MOORE & CO.**; 8 Gaiafields Road, Lichfield, Staffs WS13 7LT (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 (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).

(11) **WO 98/53264** (13) A1

(21) PCT/EP98/01956

(22) **3 Apr/avr 1998 (03.04.1998)**

(25) de (26) de

(31) 197 21 270.0 (32) **21 May/mai 1997 (21.05.1997)** (33) DE

(31) 198 05 028.3 (32) **9 Feb/fév 1998 (09.02.1998)** (33) DE

(31) 198 13 562.9 (32) **27 Mar/mar 1998 (27.03.1998)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **F28D 20/02, A47G 23/04, A41D 13/00**

(54) ● LATENT HEAT BODY
● CORPS A CHALEUR LATENTE

(71) **SCHÜMANN SASOL GMBH & CO. KG** [DE/DE]; Worthdamm 13-27, D-20457 Hamburg (DE). **HABERSCHUSS SYSTEMWÄRME GMBH** [DE/DE]; Gewerbeparkring 3, D-15517 Fürstenwalde (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FIEBACK, Klaus** [DE/DE]; Herbert-Tschäpe-Strasse 53, D-10369 Berlin (DE). **MATTHÄI, Michael** [DE/DE]; Matthias-Claudius-Strasse 57, D-24558 Henschedt-Ulzburg (DE). **HABERSCHUSS, Toni** [DE/DE]; Silberberger Strasse 18, D-15526 Bad Saarow (DE). **REINSHAGEN, Wolfgang** [DE/DE]; Nachrodter Strasse 36, D-58769 Nachrod-Wiblingwerde (DE).

(74) **MÜLLER, Enno** et al. / etc.; Corneliusstrasse 45, D-42329 Wuppertal (DE).

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

- (11) **WO 98/53265** (13) A1
 (21) PCT/EP98/03011
 (22) **15 May/mai 1998 (15.05.1998)**
 (25) en (26) en
 (31) 97201472.4 (32) **16 May/mai 1997 (16.05.1997)** (33) EP
 (34) AT et al. / etc.
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **F28F 1/00**
 (54) ● FLAT OVAL TUBE
 ● TUBE OVALE PLAT
 (71) **NORSK HYDRO ASA** [NO/NO]; Bygdøy Alle 2, N-0240 Oslo (NO).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **VESTERGAARD, Bjørn** [DK/DK]; Bjergholt 1, DK-6200 Aabenraa (DK). **MORLEY, Ed** [GB/DK]; Armumvej 80, Lindet Skov, DK-6520 Toflund (DK).
 (74) **BLEUKX, Luc**; Hydro S.A., Avenue Marcel Thiry 83, B-1200 Brussels (BE).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/53266** (13) A1
 (21) PCT/IT98/00128
 (22) **22 May/mai 1998 (22.05.1998)**
 (25) en (26) en
 (31) RM97A000309 (32) **23 May/mai 1997 (23.05.1997)** (33) IT
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **F41A 1/06, 21/28**
 (54) ● FIREARM WITH AN EXPANSION CHAMBER WITH VARIABLE VOLUME
 ● ARME A FEU DOTE D'UNE CHAMBRE D'EXPANSION A VOLUME VARIABLE
 (71, 72) **TEDDE, Salvatore** [IT/IT]; Via Torres, 1, I-07010 Ardara (IT).
 (74) **SARPI, Maurizio**; Studio Ferrario, Via Collina, 36, I-00187 Roma (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/53267** (13) A1
 (21) PCT/US98/10557
 (22) **21 May/mai 1998 (21.05.1998)**
 (25) en (26) en
 (31) 08/861,828 (32) **23 May/mai 1997 (23.05.1997)** (33) US

- (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **F41A 9/17, F42B 12/02**
 (54) ● SEMIAUTOMATIC PISTOL AND AMMUNITION
 ● PISTOLET SEMI-AUTOMATIQUE ET MUNITION
 (71, 72) **MORGADO, Ralph, Gordon** [US/US]; 1825-A Addison Way, Hayward, CA 94545 (US).
 (74) **WRIGHT, Edward, 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/53268** (13) A1
 (21) PCT/IL98/00228
 (22) **19 May/mai 1998 (19.05.1998)**
 (25) en (26) en
 (31) 120906 (32) **25 May/mai 1997 (25.05.1997)** (33) IL
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **F41A 17/00**
 (54) ● WEAPON LOCK
 ● VERROU D'ARME
 (71) **MUL-T-LOCK TECHNOLOGIES LTD.** [IL/IL]; Southern Industrial Zone, P.O. Box 465, 81550 Yavne (IL).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **MATYKO, Adalbert** [IL/IL]; Jabotinsky Street 11/9, 77213 Ashdod (IL). **MARKBREIT, Dani** [IL/IL]; Jerusalem Street 181, 58001 Azur (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/53269** (13) A1
 (21) PCT/US98/03190
 (22) **5 May/mai 1998 (05.05.1998)**
 (25) en (26) en
 (31) 08/861,259 (32) **21 May/mai 1997 (21.05.1997)** (33) US
 (31) 60/050,663 (32) **24 Jun/juin 1997 (24.06.1997)** (33) US

- (31) 60/050,777 (32) **25 Jun/juin 1997 (25.06.1997)** (33) US
 (31) 08/907,544 (32) **8 Aug/août 1997 (08.08.1997)** (33) US
 (31) 09/010,431 (32) **21 Jan/jan 1998 (21.01.1998)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **F41B 7/08**
 (54) ● RING AIRFOIL LAUNCHER
 ● LANCEUR D'AILE ANNULAIRE
 (71) **ODDZON, INC.** [US/US]; 240 East Hacienda Avenue, Campbell, CA 95008 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **VANEK, Chester, F.** [US/US]; 1171 Redrock Court, Sunnyvale, CA 94089 (US). **HUNTER, John, W.** [US/US]; 12396 World Trade Drive, San Diego, CA 92128 (US). **FLATAU, Abraham** [US/US]; 3330 Vernon Terrace, Palo Alto, CA 94303 (US). **GRIMM, Thomas, H.** [US/US]; 240 East Hacienda Drive, Campbell, CA 95008 (US). **KIM, Sung, H.** [US/US]; 425 Alma Street #110, Palo Alto, CA 94301 (US). **BROWNELL, Robert, B., Jr.** [US/US]; 2448 Lorna Vista Lane, Santa Clara, CA 95051 (US). **LAW, William, S.** [US/US]; 777 San Antonio Road #122, Palo Alto, CA 94303 (US). **SORENSEN, Mark, C.** [US/US]; 23 Wood Hill Drive, Redwood City, CA 94061 (US).
 (74) **FANNING, David, A.**; Kolisch, Hartwell, Dickinson, McCormack & Heuser, Suite 200, 520 S.W. Yamhill 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53270** (13) A1

- (21) PCT/US98/08910
 (22) **4 May/mai 1998 (04.05.1998)**
 (25) en (26) en
 (31) 862,048 (32) **22 May/mai 1997 (22.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **F42B 5/02**
 (54) ● METALLIC SLUG FOR INDUSTRIAL BALLISTIC TOOL
 ● PROJECTILE METALLIQUE POUR OUTIL BALISTIQUE INDUSTRIEL
 (71) **OLIN CORPORATION** [US/US]; 350 Knotter Drive, P.O. Box 586, Cheshire, CT 06410-0586 (US).
 (72) **DIPPOLD, Jack, D.**; 1002 Timber Lake Drive, Edwardsville, IL 62025 (US). **HARRIS, Melvin, W.**; 9072 Slemmer Lane, Warden, IL 26097 (US). **MILLER, Mark, R.**; 1755 DeGeest, Rapid City, SD 57701 (US).
 (74) **ROSENBLATT, Gregory, S.** et al. / etc.; Wiggin & Dana, One Century Tower, New Haven, CT 06508-1832 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK 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; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/53271** (13) A2

(21) PCT/DK98/00191

(22) **15 May/mai 1998 (15.05.1998)**

(25) en (26) en

(31) 0565/97 (32) **16 May/mai 1997 (16.05.1997)** (33) DK

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01B 7/30**

(54) ● METHOD AND APPARATUS FOR DETERMINING ANGULAR DISPLACEMENT, SURFACE TRANSLATION, AND TWIST

● PROCEDE ET APPAREIL PERMETTANT DE DETERMINER UN DEPLACEMENT ANGULAIRE, UNE TRANSLATION DE SURFACE ET UNE TORSION

(71) **IBSEN MICRO STRUCTURES A/S** [DK/DK]; Gammelgaardsvej 65, DK-3520 Farum (DK). **FORSKNINGSCENTER RISØ** [DK/DK]; Frederiksborgvej 399, P.O. Box 49, DK-4000 Roskilde (DK). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROSE, Bjarke** [DK/DK]; Mølleåparken 31, 2L, DK-2800 Lyngby (DK). **IMAM, Gulam, Husain** [GB/DK]; Kaave, H.C. Ørstedesvej 32, 3.th., DK-1879 Frederiksberg C (DK). **HANSON, Vagn, Steen, Grüner** [DK/DK]; Atterupvej 27, DK-4640 Fakse (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 GM GW HU ID IL IS JP KE KG KP KR KZ 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 GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53272** (13) A1

(21) PCT/US98/10287

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 08/861,590 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01C 3/08**

(54) ● CONFOCAL OPTICAL SCANNING SYSTEM EMPLOYING A FIBER LASER

● SYSTEME OPTIQUE CONFOCAL DE BALAYAGE UTILISANT UN LASER A FIBRE

(71) **OPTICAL BIOPSY TECHNOLOGIES, INC.** [US/US]; 17765 Elaine Court, Morgan Hill, CA 95037 (US).

(72) **MANDELLA, Michael, J.**; 10193 Parkwood Drive #2, Morgan Hill, CA 95014 (US). **GARRETT, Mark, H.**; 17765 Elaine Court, Morgan Hill, CA 95037 (US).

(74) **ALBOSZTA, Marek**; 426 Lowell Avenue, Palo Alto, CA 94301 (US).

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

(11) **WO 98/53273** (13) A1

(21) PCT/FR98/00993

(22) **19 May/mai 1998 (19.05.1998)**

(25) fr (26) fr

(31) 97/06316 (32) **23 May/mai 1997 (23.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01C 15/00**

(54) ● LASER POSITIONING DEVICE

● DISPOSITIF DE POSITIONNEMENT A LASER

(71) **LASERTEC INTERNATIONAL** [FR/FR]; Parc d'activités de Lazzaro, Rue de l'Avenir, F-14460 Colombelles (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHERBIT, Guy, Alain** [FR/FR]; Le Prieuré, F-14610 Colomby/Thaon (FR).

(74) **CABINET HERRBURGER**; 115, boulevard Haussmann, 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 IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/53274** (13) A1

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(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 08/861,855 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01C 21/20**

(54) ● METHOD AND APPARATUS FOR DETERMINING A ROUTE

● PROCEDE ET APPAREIL POUR DETERMINER UN ITINERAIRE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).

(72) **SCHUPFNER, Markus**; Simadergasse 4, D-93047 Regensburg (DE).

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

Published / Publiée : (c)

(11) **WO 98/53275** (13) A1

(21) PCT/FR98/00972

(22) **15 May/mai 1998 (15.05.1998)**

(25) fr (26) fr

(31) 97/06040 (32) **16 May/mai 1997 (16.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01D 5/241, B62D 15/02, G01B 7/30**

(54) ● CAPACITIVE ANGLE SENSOR, IN PARTICULAR FOR MOTOR VEHICLE STEERING COLUMN

● CAPTEUR D'ANGLE DE TYPE CAPACITIF, NOTAMMENT POUR COLONNE DE DIRECTION D'UN VEHICULE AUTOMOBILE

(71) **SC2N** [FR/FR]; 5, avenue Newton, Montigny-le-Bretonneux, F-78180 Yvelines (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAHOREAU, Franck** [FR/FR]; 12, rue Calmette, F-14000 Caen (FR). **FOUQUET, Thierry** [FR/FR]; 37, rue de Wesendors, F-14840 Demouville (FR).

(74) **MARTIN, Jean-Jacques et al.** / etc.; Cabinet Regimbeau, 26, avenue Kléber, F-75116 Paris (FR).

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

Published / Publiée : (c)

(11) **WO 98/53276** (13) A1

(21) PCT/EP98/00090

(22) **9 Jan/jan 1998 (09.01.1998)**

(25) de (26) de

(31) 197 20 617.4 (32) **16 May/mai 1997 (16.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01D 5/251, G08C 19/30**

(54) ● POSITION SIGNALLING DEVICE FOR A MOTOR DRIVE

● DISPOSITIF DE SIGNALISATION DE POSITION POUR COMMANDES PAR MOTEUR

(71) **MASCHINENFABRIK REINHAUSEN GMBH** [DE/DE]; Falkensteinstrasse 8, D-93059 Regensburg (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DOHNAL, Dieter** [DE/DE]; Stefan-Zweig-Strasse 1, D-93138 Lappersdorf (DE). **GRIESBACHER, Franz** [DE/DE]; Rosenstrasse 6, D-93096 Köfering (DE). **HOLMER, Michael** [DE/DE]; Am Hohlweg 3, D-94336 Hunderdorf (DE).

(74) **MASCHINENFABRIK REINHAUSEN GMBH**; Falkensteinstrasse 8, D-93059 Regensburg (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/53277** (13) A1

(21) PCT/GB98/01442

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en
(31) 9710057.2 (32) **19 May/mai 1997** (33) GB
(19.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01D 5/353**

(54) ● DISTRIBUTED SENSING SYSTEM
● SYSTEME DE ETECTION DISTRIBUE

(71) **KINGS COLLEGE LONDON** [GB/GB]; The Strand, London WC2R 2LS (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FARHADIROUSHAN, Mahmoud** [GB/GB]; 12 Fulmer House, Mallory Street, London NW8 8TA (GB).

(74) **COHEN, Alan, Nicol**; 2 Grove Place, Tatsfield, Westerham, Kent TN16 2BB (GB).

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

(11) **WO 98/53278** (13) A1

(21) PCT/DE97/01063

(22) **23 May/mai 1997** (23.05.1997)

(25) de (26) de

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01F 1/10, 1/115, 15/00**

(54) ● DEVICE FOR DETERMINING THE FLOW RATE OF A MEDIUM, INCLUDING A LIQUID OR A GAS

● DISPOSITIF POUR DETERMINER LE DEBIT D'UN ELEMENT, NOTAMMENT LIQUIDE OU GAZEUX

(71) **DR. SIEBERT & KÜHN GMBH & CO. KG** [DE/DE]; Struthweg 7 - 9, D-34260 Kaufungen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SIEBERT, Christian** [DE/DE]; Elbeweg 2, D-34131 Kassel (DE). **TRINTER, Frank** [DE/DE]; Am Rosengarten 1, D-34260 Kaufungen (DE).

(74) **WALTHER, WALTHER & HINZ**; Postfach 41 01 45, D-34063 Kassel (DE).

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

(11) **WO 98/53279** (13) A1

(21) PCT/DE98/00706

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

(25) de (26) de

(31) PCT/DE97/01063 (32) **23 May/mai 1997** (33) WO
(23.05.1997)

(34) DE et al. / etc.

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01F 1/10**

(54) ● DEVICE FOR DETERMINING THE FLOW RATE OF A MEDIUM, INCLUDING A LIQUID OR A GAS

● DISPOSITIF POUR DETERMINER LE DEBIT D'UN ELEMENT, NOTAMMENT LIQUIDE OU GAZEUX

(71) **DR. SIEBERT & KÜHN GMBH & CO. KG** [DE/DE]; Struthweg 7-9, D-34260 Kaufungen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SIEBERT, Christian** [DE/DE]; Elbeweg 2, D-34131 Kassel (DE). **TRINTER, Frank** [DE/DE]; Am Rosengarten 1, D-34260 Kaufungen (DE).

(74) **WALTHER, WALTHER & HINZ**; Heimradstrasse 2, D-34130 Kassel (DE).

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

(11) **WO 98/53280** (13) A1

(21) PCT/US98/08007

(22) **23 Apr/avr 1998** (23.04.1998)

(25) en (26) en

(31) 08/859,900 (32) **21 May/mai 1997** (33) US
(21.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01F 23/24, 23/22, F25B 41/06**

(54) ● LIQUID LEVEL SENSOR USING REFRIGERANT SUBCOOLING

● JAUGE A LIQUIDE UTILISANT LE SOUS-REFROIDISSEMENT D'UN FLUIDE FRIGORIGENE

(71) **AMERICAN STANDARD INC.** [US/US]; One Centennial Avenue, P.O. Box 6820, Piscataway, NJ 08855-6820 (US).

(72) **RING, H., Kenneth**; Route 1, Box 13, Houston, MN 55943 (US). **HARTFIELD, Jon, P.**; 436 South 20th Street, La Crosse, WI 54601 (US).

(74) **O'DRISCOLL, William**; The Trane Company, 3600 Pammel Creek Road, La Crosse, WI 54601-7599 (US).

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

(11) **WO 98/53281** (13) A1

(21) PCT/FR97/01586

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

(25) fr (26) fr

(31) 97/06346 (32) **23 May/mai 1997** (33) FR
(23.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01F 23/284**

(54) ● DEVICE FOR MEASURING LIQUID LEVEL IN A TANK

● DISPOSITIF DE MESURE DU NIVEAU DE LIQUIDE DANS UN RESERVOIR

(71) **SOCIETE INDUSTRIELLE ET COMMERCIALE DE COMPOSANTS** [FR/FR]; Zone Industrielle des Bordes, Rue Gustave Madiot, F-91070 Bondoufle (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **POULIN, Frédéric, Georges** [FR/FR]; 36, rue de Villeroy, F-91480 Quincy sous Sénart (FR).

(74) **OBOLSKY, Michel**; Cabinet Lavoix, 2, place d'Estienne d'Orves, 75441 Paris Cedex 09 (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).

(11) **WO 98/53282** (13) A1

(21) PCT/DE98/01348

(22) **14 May/mai 1998** (14.05.1998)

(25) de (26) de

(31) 197 20 519.4 (32) **16 May/mai 1997** (33) DE
(16.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01F 23/296**

(54) ● VIBRATION FILLING LEVEL LIMIT SWITCH AND METHOD FOR DETERMINING AND/OR MONITORING THE FILLING LEVEL OF A MEDIUM IN A CONTAINER

● INTERRUPTEUR DE LIMITE DE NIVEAU DE REMPLISSAGE A OSCILLATIONS ET PROCEDE POUR CONSTATER ET/OU SURVEILLER UN NIVEAU D'UNE SUBSTANCE DANS UN CONTENANT

(71) **PEPPERL + FUCHS GMBH** [DE/DE]; Königsberger Allee 87, D-68307 Mannheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VÖLKELE, Hardi** [DE/DE]; Badenweiler Strasse 18, D-68239 Mannheim (DE).

(74) **MIERSWA, Klaus**; Friedrichstrasse 171, D-68199 Mannheim (DE).

(81) AU BR CA CN CZ DE EE HU IL JP KR LT MX NO PL RU SG SI TR UA US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(22) **22 May/mai 1998** (22.05.1998)

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(31) 4487 (32) **22 May/mai 1997** (33) IS
(22.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01G 11/08**

(54) ● METHOD AND APPARATUS FOR WEIGHING A CONTINUOUS STREAM OF MATERIAL

● PROCEDE ET APPAREIL DE PESAGE D'UN FLUX CONTINU DE MATERIAU

(71) **MAREL HF** [IS/IS]; Hofdabakka 9, IS-112 Reykjavik (IS).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OLAFSSON, Jon, Thor** [IS/IS]; Gigjúlundi 8, IS-210 Gardabae (IS).

(74) **MAREL HF**; Hardarson, Gunnar, Orn, Hofdabakka 9, IS-112 Reykjavik (IS).

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

(11) **WO 98/53284** (13) A1

(21) PCT/CA98/00473

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 60/046,944 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(31) 2,212,776 (32) **8 Aug/août 1997 (08.08.1997)** (33) CA

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01J 3/28**

(54) ● APPARATUS AND METHOD FOR LIGHT SPECTRUM MEASUREMENT
● DISPOSITIF ET PROCÉDE DE MESURE D'UN SPECTRE LUMINEUX

(71) **MEASUREMENT MICROSYSTEMS A-Z INC.** [CA/CA]; C.P. 500, Trois-Rivières, Quebec G9A 5H7 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BARWICZ, Andrzej** [CA/CA]; 114 Place des Chenoux, Trois-Rivières, Quebec G8Y 5W5 (CA).
MORAWSKI, Roman, Z. [PL/PL]; 114 Place des Chenoux, Trois-Rivières, Quebec G8Y 5W5 (CA).
SLIMA, Mohamed, B. [TN/CA]; 114 Place des Chenoux, Trois-Rivières, Quebec G8Y 5W5 (CA).

(74) **FREEDMAN, Gordon**; Neil Teitelbaum & Associates, 834 Colonel By Drive, Ottawa, Ontario K1S 5C4 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/53285** (13) A1

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(22) **8 May/mai 1998 (08.05.1998)**

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(31) 197 20 887.8 (32) **17 May/mai 1997 (17.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01J 3/46, G01N 21/47**

(54) ● METHOD FOR CALCULATING DYE FORMULATIONS OF PIGMENTED EFFECT DYEING TONES
● PROCÉDE DE CALCUL DE LA FORMULE DE PEINTURES POUR TEINTES A EFFET OBTENUES AVEC DES PIGMENTS

(71) **HERBERTS GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG** [DE/DE]; Christbusch 25, D-42285 Wuppertal (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KETTLER, Wilhelm, H.** [DE/DE]; Mirker Strasse 57, D-42105 Wuppertal (DE).
KOLB, Matthias [DE/DE]; Gustav-Heinemann-Strasse 66, D-42111 Wuppertal (DE).
KRAUSE, Hartmut [DE/DE]; Butscheld 1a, D-42929 Wermelskirchen (DE).

(74) **TÜRK GİLE HRABAL LEIFERT**; Brucknersstrasse 20, D-40593 Düsseldorf (DE).

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

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(11) **WO 98/53286** (13) A1

(21) PCT/US98/09032

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 08/861,519 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01J 5/52**

(54) ● PYROMETER CALIBRATION USING MULTIPLE LIGHT SOURCES
● ETALONNAGE D'UN PYROMETRE METTANT EN APPLICATION DES SOURCES MULTIPLES DE LUMIERE

(71) **APPLIED MATERIALS, INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95052 (US).

(72) **YAM, Mark**; 4977 Adair Way, San Jose, CA 95124 (US).

(74) **GOREN, David, J.**; Applied Materials, Inc., P.O. Box 450A, Santa Clara, CA 95052 (US).

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

Published / Publiée : (c)

(11) **WO 98/53287** (13) A1

(21) PCT/US98/09639

(22) **11 May/mai 1998 (11.05.1998)**

(25) en (26) en

(31) 08/859,021 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01K 17/00, 13/00, G01N 21/00**

(54) ● ABSORPTION TESTER FOR OPTICAL COMPONENTS
● APPAREIL DE CONTRÔLE DE L'ABSORPTION POUR ÉLÉMENTS OPTIQUES

(71) **CYMER, INC.** [US/US]; 16750 Via Del Campo Court, San Diego, CA 92127-1712 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MORTON, Richard, George** [US/US]; 17786 Aguamiel Road, San Diego, CA 92127 (US).

(74) **ROSS, John, R.**; Cymer, Inc., Legal Dept., MS 1-2A, 16750 Via Del Campo Court, San Diego, CA 92127-1712 (US).

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

(11) **WO 98/53288** (13) A1

(21) PCT/US98/10160

(22) **18 May/mai 1998 (18.05.1998)**

(25) en (26) en

(31) 08/862,673 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01L 9/00**

(54) ● SENSOR CAPSULE FOR PRESSURE TRANSMITTER
● ENVELOPPE DE CAPTEUR POUR TRANSMETTEUR DE PRESSION

(71) **HONEYWELL INC.** [US/US]; Honeywell Plaza - MN12-8251, P.O. Box 524, Minneapolis, MN 55440-0524 (US).

(72) **WILDA, Douglas, W.**; 2100 Grant Mews, Ambler, PA 19002 (US).
DAVIDSON, James, V.; 336 Casals Place, Ambler, PA 19002 (US).

(74) **MIOLOGOS, Anthony**; Honeywell Inc., Honeywell Plaza, MN12-8251, P.O. Box 524, Minneapolis, MN 55440-0524 (US).

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

(11) **WO 98/53289** (13) A1

(21) PCT/GB98/01301

(22) **15 May/mai 1998 (15.05.1998)**

(25) en (26) en

(31) 9709962.6 (32) **17 May/mai 1997 (17.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01L 17/00**

(54) ● METHOD AND APPARATUS FOR TYRE PRESSURE DETERMINATION
● PROCÉDE ET APPAREIL POUR DÉTERMINER LA PRESSION DE GONFLAGE DES PNEUS

(71) **SUN ELECTRIC UK LIMITED** [GB/GB]; Unit 12, Horsleys Fields, King's Lynn, Norfolk PE30 5DD (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JONES, Barbara, Lynn** [GB/GB]; Sun Electric UK Limited, Unit 12, Horsleys Fields, King's Lynn, Norfolk PE30 5DD (GB).
SMITH, Paul [GB/GB]; Sun Electric UK Limited, Unit 12, Horsleys Fields, King's Lynn, Norfolk PE30 5DD (GB).
STOLLERY, David [GB/GB]; Sun Electric UK Limited, Unit 12, Horsleys Fields, King's Lynn, Norfolk PE30 5DD (GB).
CLIFTON, Jason, Mark [GB/GB]; Sun Electric UK Limited, Unit 12, Horsleys Fields, King's Lynn, Norfolk PE30 5DD (GB).

(74) **ARCHER, Philip, Bruce**; Urquhart-Dykes & Lord, New Priestgate House, 57 Priestgate, Peterborough, Cambs PE1 1JX (GB).

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

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(11) **WO 98/53290** (13) A1

(21) PCT/US98/09869

(22) **14 May/mai 1998 (14.05.1998)**

(25) en (26) en

(31) 08/862,663 (32) **23 May/mai 1997** (33) US
(23.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01L 19/06, 19/00**

(54) ● METER BODY FOR PRESSURE TRANSMITTER

● COMPTEUR DESTINE A UN DISPOSITIF DE TRANSMISSION DE PRESSION

(71) **HONEYWELL INC.** [US/US]; Honeywell Plaza - MN12-8251, P.O. Box 524, Minneapolis, MN 55440-0524 (US).

(72) **WILDA, Douglas, W.**; 2100 Grant Mews, Ambler, PA 19002 (US). **DAVIDSON, James, V.**; 336 Casals Place, Ambler, PA 19002 (US).

(74) **MIOLOGOS, Anthony**; Honeywell Inc., MN12-8251, Honeywell Plaza, P.O. Box 524, Minneapolis, MN 55440-0524 (US).

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

(11) **WO 98/53291** (13) A1

(21) PCT/EP98/03049

(22) **22 May/mai 1998** (22.05.1998)

(25) de (26) de

(31) 197 25 503.5 (32) **23 May/mai 1997** (33) DE
(23.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01M 1/08, 1/32, 1/36**

(54) ● METHOD AND DEVICE FOR BALANCING ROTORS

● PROCEDE ET DISPOSITIF D'EQUILIBRAGE DE ROTORS

(71) **HOFMANN MESS- UND AUSWUCHTECHNIK GMBH & CO. KG** [DE/DE]; Werner-von-Siemens-Strasse 21, D-64319 Pfungstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOFMANN, Dionys** [DE/DE]; Am Steinernen Kreuz 63, D-64297 Darmstadt (DE). **HARBORTH, Andreas** [DE/DE]; Ulmenweg 14, D-64347 Griesheim (DE).

(74) **KIRSCHNER, Klaus, D.**; Sollner Strasse 38, D-81479 München (DE).

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

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(11) **WO 98/53292** (13) A1

(21) PCT/US98/09403

(22) **7 May/mai 1998** (07.05.1998)

(25) en (26) en

(31) 60/047,611 (32) **23 May/mai 1997** (33) US
(23.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01M 3/00, 3/24, G01L 9/10, G01N 29/04**

(54) ● ANALYZING THE INTERNAL PRESSURE OF CONTAINERS

● ANALYSE DE LA PRESSION INTERNE DE CONTENEURS

(71) **BENTHOS, INC.** [US/US]; 49 Edgerton Drive, North Falmouth, MA 02556-2826 (US).

(72) **MELVIN, Robert, G., II.**; 4 Arbutus Lane, Sandwich, MA 02563 (US). **RYAN, Robert, J.**; 87 Scargo Hill Road, Dennis, MA 02638 (US).

(74) **CAUFIELD, Francis, J.**; 6 Apollo Circle, Lexington, MA 02173 (US).

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

Published / Publiée : (c)

(11) **WO 98/53293** (13) A1

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(22) **20 May/mai 1998** (20.05.1998)

(25) en (26) en

(31) 9710316.2 (32) **21 May/mai 1997** (33) GB
(21.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01M 3/40, 3/18, G01L 21/30**

(54) ● VACUUM DETECTION SYSTEM

● SYSTEME DE DETECTION DE LA PRESSION VACUOMETRIQUE

(71, 72) **POWELL, Alexander, Robert** [GB/GB]; 82 Belmont Street, Southport, Merseyside PR8 1JH (GB). **POWELL, David, John** [GB/GB]; 82 Belmont Street, Southport, Merseyside PR8 1JH (GB).

(74) **ROYSTONS**; Tower Building, Water Street, Liverpool L3 1BA (GB).

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

(11) **WO 98/53294** (13) A1

(21) PCT/IT98/00124

(22) **18 May/mai 1998** (18.05.1998)

(25) en (26) en

(31) FI97A000119 (32) **20 May/mai 1997** (33) IT
(20.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01M 17/02, 1/04**

(54) ● APPARATUS FOR THE DYNAMIC BALANCING OF TIRE COVERS DURING RETREADING

● APPAREIL D'EQUILIBRAGE DYNAMIQUE DE L'ENVELOPPE DE PNEUS LORS DU RECHAPAGE

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(72, 75) **BROGI, Daniele** [IT/IT]; Via Provinciale Barberinese, 19, I-50031 Barberino di Mugello (IT). **CAPECCHI, Massimo** [IT/IT]; Via Mantegna, 14, I-51100 Pistoia (IT).

(74) **MANNUCCI, Michele** et al. / etc.; Via della Scala, 4, I-50123 Firenze (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 GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53295** (13) A1

(21) PCT/EP98/02972

(22) **20 May/mai 1998** (20.05.1998)

(25) de (26) de

(31) 197 21 104.6 (32) **20 May/mai 1997** (33) DE
(20.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01N 1/20, 1/22, 15/02 // G01F 1/00**

(54) ● METHOD AND DEVICE FOR SAMPLING DISPERSED STREAMS OF MATERIAL

● PROCEDE ET DISPOSITIF DE PRELEVEMENT DANS DES COURANTS DE MATIERES DISPERSEES

(71) **SYMPATEC GMBH** [DE/DE]; Burgstätter Strasse 6, D-38678 Clausthal-Zellerfeld (DE).
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(72, 75) **WITT, Wolfgang** [DE/DE]; Arnikaweg 50, D-38678 Clausthal-Zellerfeld (DE). **RÖTHELE, Stephan** [DE/DE]; Am Rollberg 5, D-38378 Clausthal-Zellerfeld (DE).

(74) **GOSSEL, Hans-K.** et al. / etc.; Widenmayers-trasse 23, D-80538 München (DE).

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

(11) **WO 98/53296** (13) A1

(21) PCT/US98/10120

(22) **15 May/mai 1998** (15.05.1998)

(25) en (26) en

(31) 60/047,040 (32) **19 May/mai 1997** (33) US
(19.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01N 1/22, 1/44**

(54) ● ANALYSIS OF MOLECULES BOUND TO SOLID SURFACES USING SELECTIVE BOND CLEAVAGE PROCESSES

● ANALYSE DE MOLECULES FIXEES A DES SURFACES SOLIDES PAR DES PROCEDES DE CLIVAGE DE LIAISON SELECTIFS

(71) **CHARLES EVANS AND ASSOCIATES** [US/US]; 301 Chesapeake Drive, Redwood City, CA 94063 (US).

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(72, 75) **ODOM, Robert, W.** [US/US]; 2068 Harvard Street, Palo Alto, CA 94306 (US). **WU, Kuang, Jen** [-/US]; 1488 Rose Garden Lane, Cupertino, CA 95014 (US).

(74) **WARD, Michael, R.** et al. / etc.; Limbach & Limbach L.L.P., 2001 Ferry Building, San Francisco, CA 94111-4262 (US).

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

(11) **WO 98/53297** (13) A1

(21) PCT/CA98/00501

(22) **21 May/mai 1998** (21.05.1998)

(25) en (26) en

(31) 60/047,482 (32) **23 May/mai 1997** (33) US
(23.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01N 1/28, B01L 3/00**

- (54) ● METHOD FOR PREPARING SPECIMENS FROM CELLULAR SUSPENSION
- METHODE DE PREPARATION D'ECHANTILLONS A PARTIR D'UNE SUSPENSION CELLULAIRE
- (71) **MORPHOMETRIX TECHNOLOGIES INC.** [CA/CA]; 4th floor, 112 Adelaide Street East, Toronto, Ontario M5C 1K9 (CA).
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- (72, 75) **RAZ, Ryan, S.** [CA/CA]; 46 Gwynne Avenue, Toronto, Ontario M6K 2C3 (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 GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53298** (13) A1

(21) PCT/DE98/01345

(22) **14 May/mai 1998 (14.05.1998)**

(25) de (26) de

(31) 197 21 656.0 (32) **23 May/mai 1997 (23.05.1997)** (33) DE

(31) 197 24 121.2 (32) **9 Jun/juin 1997 (09.06.1997)** (33) DE

(31) 197 44 227.7 (32) **7 Oct/oct 1997 (07.10.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01N 3/40, 33/15**

- (54) ● METHOD AND DEVICE FOR CONDUCTING A HARDNESS TEST ON TEST SPECIMENS, SPECIALLY TABLETS OR PILLS

● PROCEDE ET DISPOSITIF POUR REALISER UN TEST DE DURETE SUR DES EPROUVETTES, NOTAMMENT DES COMPRIMES OU DES PILULES

(71, 72) **KRÄMER, Norbert** [DE/DE]; Röntgenstrasse 68, D-64291 Darmstadt (DE).

(74) **MIERSWA, Klaus**; Friedrichstrasse 171, D-68199 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 2,207,149 (32) **22 May/mai 1997 (22.05.1997)** (33) CA

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01N 15/08**

- (54) ● APPARATUS FOR TITRATION AND CIRCULATION OF GASES AND CIRCULATION OF AN ABSORBENT OR ADSORBENT SUBSTANCE

- APPAREILS POUR LA TITRATION DES GAZ ET LE CYCLAGE D'UN MATERIAU ABSORBANT OU ADSORBANT

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(72, 75) **SCHULZ, Robert** [CA/CA]; 68, Bel-Horizon, Sainte-Julie, Québec J0L 2S0 (CA). **BOILY, Sabin** [CA/CA]; 1676, Labonté, Chambly, Québec J3L 5M6 (CA). **HUOT, Jacques** [CA/CA]; Appartement 404, 104, boulevard des Hauts-Bois, Sainte-Julie, Québec J0L 2S0 (CA).

(74) **PROVOST, Alain**; Robic, 55, rue Saint-Jacques, Montréal, Québec H2Y 3X2 (CA).

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

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(11) **WO 98/53300** (13) A2

(21) PCT/US98/11224

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(31) 08/862,610 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01N 21/00, 21/29, 21/64, B01J 10/00, C07H 19/00**

- (54) ● SYSTEM AND APPARATUS FOR SEQUENTIAL PROCESSING OF ANALYTES

● SYSTEME ET APPAREIL DESTINES AU TRAITEMENT SEQUENTIEL DES ANALYTES

(71) **LYNX THERAPEUTICS, INC.** [US/US]; 3832 Bay Center Place, Hayward, CA 94545 (US).
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(72, 75) **PALLAS, Michael, C.** [US/US]; 408 Oak Avenue, San Bruno, CA 94066 (US). **BRENNER, Sydney** [GB/GB]; 17B St. Edwards Passage, Cambridge CB2 3PJ (GB). **BRIDGHAM, John** [US/US]; 3832 Bay Center Place, Hayward, CA 94545 (US). **CORCORAN, Kevin** [US/US]; 3832 Bay Center Place, Hayward, CA 94545 (US). **GOLDA, George** [US/US]; 3832 Bay Center Place, Hayward, CA 94545 (US).

(74) **POWERS, Vincent, M.** et al. / etc.; Dehlinger & Associates, P.O. Box 60850, Palo Alto, CA 94306-0850 (US).

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

(11) **WO 98/53301** (13) A2

(21) PCT/US98/10504

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 60/047,481 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01N 21/01**

- (54) ● AUTOMATED MICROBIOLOGICAL TESTING APPARATUS AND METHODS THEREFOR

● APPAREIL ET PROCEDES D'ESSAI MICROBIOLOGIQUE AUTOMATISE

(71) **BECTON DICKINSON AND COMPANY** [US/US]; 1 Becton Drive, Franklin Lakes, NJ 07417 (US).

(72) **CLARK, Alexander, W.**; 526 East 39th Street, Baltimore, MD 21218 (US). **GLADNICK, Paul**; 725 North 84th Street, Seattle, WA 98103 (US). **ARMSTRONG, Robert, E.**; 11 Hemlock Court, Hunt Valley, MD 21030 (US). **BACHUR, Nickolas**; 750 Monkton Road, Monkton, MD 21111 (US). **BERNDT, Klaus**; 305 Lochview Terrace, Timonium, MD 21093 (US). **LIVINGTON, Dwight**; 1908 Engleside Road, Fallston, MD 21047 (US).

(74) **SHARROTT, Douglas** et al. / etc.; Fitzpatrick, Cella, Harper & Scinto, 277 Park Avenue, New York, NY 10172 (US).

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

(11) **WO 98/53302** (13) A1

(21) PCT/FR98/00992

(22) **19 May/mai 1998 (19.05.1998)**

(25) fr (26) fr

(31) 97/06315 (32) **23 May/mai 1997 (23.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01N 21/53**

- (54) ● APPARATUS FOR MEASURING THE EVOLUTION OF OPTICAL CHARACTERISTICS IN A CIRCULATING LIQUID OR GAS MEDIUM

● APPAREIL DE MESURE DE L'EVOLUTION DES CARACTERISTIQUES OPTIQUES D'UN MILIEU LIQUIDE OU GAZEUX EN CIRCULATION

(71) **LASERTEC INTERNATIONAL** [FR/FR]; Parc d'activité de Lazzaro, Rue de l'Avenir, F-14460 Colombelles (FR).
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(72, 75) **CHERBIT, Guy, Alain** [FR/FR]; Le Prieuré, F-14610 Colomby/Thaon (FR).

(74) **CABINET HERRBURGER**; 115, boulevard Haussmann, 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 IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53303** (13) A1

(21) PCT/FR98/01011

(22) **20 May/mai 1998 (20.05.1998)**

(25) fr (26) fr

(31) 97/06243 (32) **22 May/mai 1997 (22.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01N 21/59, G06T 7/00, G01N 23/04**

- (54) ● METHOD AND DEVICE FOR PROCESSING WELD SEAM RADIOGRAPHS TO DETECT WELDING DEFECTS
- PROCEDE ET DISPOSITIF DE TRAITEMENT DE RADIOGRAMMES DE SOUDURE POUR LA DETECTION DE DEFANTS DE SOUDURE

(71) **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31-33, rue de la Fédération, F-75015 Paris (FR).
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(72, 75) **DAILLANT, Guylaine** [FR/FR]; 13, rue de Champagne, F-89000 Saint Georges sur Baulches (FR). **MICOLET, Dominique** [FR/FR]; 4, impasse des Allouères, F-21800 Chevigny Saint Saur-veur (FR).

(74) **BREVATOME**; 25, rue de Ponthieu, F-75008 Paris (FR).

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

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(31) 08/864,363 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01N 21/64**

- (54) ● OPTICAL SUBSTRATE FOR ENHANCED DETECTABILITY OF FLUORESCENCE
- SUBSTRAT OPTIQUE AUX FINS D'UNE MEILLEURE DETECTABILITE DE LA FLUORESCENCE

(71) **MOLECULAR DYNAMICS, INC.** [US/US]; 928 East Arques Avenue, Sunnyvale, CA 94086-4520 (US).

(72) **KAIN, Robert, C.**; 22790 Mercedes Road, Cupertino, CA 95014 (US). **MARASON, Eric, G.**; 477 B Corbett Avenue, San Francisco, CA 94114 (US). **JOHNSTON, Richard, F.**; 4551 Murphys Camp Road, Murphys, CA 95247 (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).

(11) **WO 98/53305** (13) A1

(21) PCT/US98/09811

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 60/047,399 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01N 21/89**

- (54) ● METHODS AND APPARATUS FOR DETECTING SURFACE DEFECTS OF AN OPTICAL FIBER
- PROCEDES ET APPAREIL DE DETECTION DE DEFANTS DE SURFACE D'UNE FIBRE OPTIQUE

(71) **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).
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(72, 75) **BIGHOUSE, Roger, D.** [US/US]; 468 Backer Road, Beaver Dams, NY 14812 (US). **PAS-TEL, David, A.** [US/US]; 623 Hibbard Road, Horseheads, NY 14845 (US). **REDING, Bruce, W.** [US/US]; 423 Wendover Lane, Wilmington, NC 28405 (US).

(74) **HERZFELD, Alexander, R.** et al. / etc.; Corning Incorporated, Patent Dept., SP FR 02-12, Corning, NY 14831 (US).

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

(11) **WO 98/53306** (13) A1

(21) PCT/FI98/00414

(22) **15 May/mai 1998 (15.05.1998)**

(25) en (26) en

(31) 972172 (32) **21 May/mai 1997 (21.05.1997)** (33) FI

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01N 22/00, 33/34**

- (54) ● METHOD FOR MEASURING GAS CONTENT AND A GAS CONTENT MEASURING DEVICE
- PROCEDE ET DISPOSITIF DE MESURE DE LA TENEUR EN GAZ

(71) **VALMET AUTOMATION INC.** [FI/FI]; Panuntie 6, FIN-00620 Helsinki (FI).
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(74) **PATENTTITOIMISTO TEKNOPOUS KOLSTER OY**; c/o 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 (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 60/047,384 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01N 23/00**

- (54) ● USE OF SINGLE SCATTER ELECTRON MONTE CARLO TRANSPORT FOR MEDICAL RADIATION SCIENCES
- UTILISATION D'UN PROCEDE DE TRANSPORT, DU TYPE MONTE CARLO, D'ELECTRONS A DIFFUSION UNIQUE

POUR LES SCIENCES DU RAYONNEMENT A USAGE MEDICAL

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 22nd floor, 300 Lakeside Drive, Oakland, CA 94612 (US).

(72) **SVATOS, Michelle, M.**; 3344 Butters Drive, Oakland, CA 94602 (US).

(74) **WOOLDRIDGE, John, P.**; P.O. Box 808, L-703, Livermore, CA 94550 (US).

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

(11) **WO 98/53308** (13) A1

(21) PCT/US98/10537

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 60/047,489 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01N 24/00, 27/64, 1/22, B01D 59/44, H01J 49/00**

- (54) ● ON-LINE LIQUID SAMPLE DEPOSITION INTERFACE FOR MATRIX ASSISTED LASER DESORPTION IONIZATION-TIME OF FLIGHT (MALDI-TOF) MASS SPECTROSCOPY
- INTERFACE DE DEPOT EN LIGNE D'ECHANTILLONS LIQUIDES POUR SPECTROSCOPIE DE MASSE A TEMPS DE VOL A IONISATION-DESORPTION LASER ASSISTEE PAR MATRICE (MALDI-TOF)

(71) **NORTHEASTERN UNIVERSITY** [US/US]; 360 Huntington Avenue, Boston, MA 02115 (US).

(72) **KARGER, Barry, L.**; 62 Deborah Road, Newton, MA 02159 (US). **FORET, Frantisek**; 525 Highland Avenue, Malden, MA 02148 (US). **PREISLER, Jan**; Apartment 207, 33 Maple Street, Malden, MA 02148 (US).

(74) **HEINE, Holliday, C.** et al. / etc.; Weingarten, Schurgin, Gagnebin & Hayes LLP, Ten Post Office Square, Boston, MA 02109 (US).

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

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(25) en (26) en

(31) 08/862,779 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01N 27/00, 31/00**

- (54) ● METHOD FOR DETERMINING ACID-GAS (CO₂, H₂S) LOADINGS IN AN ALKANOLAMINE SYSTEM
- PROCEDE PERMETTANT DE DETERMINER LES CHARGES DE GAZ ACIDES (CO₂, H₂S) DANS UN SYSTEME D'ALCANOLAMINE

- (71) **UNION PACIFIC RESOURCES COMPANY** [US/US]; 801 Cherry Street, Fort Worth, TX 76248 (US).
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- (74) **PRICE, Ricardo, A.**; Suite 5100, 1301 McKinney Street, Houston, TX 77010-3095 (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 GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/53310** (13) A1
(21) PCT/DE98/01351
(22) **13 May/mai 1998 (13.05.1998)**
(25) de (26) de
(31) 197 20 687.5 (32) **16 May/mai 1997 (16.05.1997)** (33) DE
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **G01N 30/12, 31/12**
- (54) ● PYROLYSIS TUBE FOR GAS CHROMATOGRAPHY, PYROLYSIS DEVICE, GAS CHROMATOGRAPHIC METHOD AND GAS CHROMATOGRAPH
● TUBE DE PYROLYSE POUR LA CHROMATOGRAPHIE EN PHASE GAZEUSE, DISPOSITIF PYROLYSEUR, PROCÉDE DE CHROMATOGRAPHIE EN PHASE GAZEUSE, ET CHROMATOGRAPHE EN PHASE GAZEUSE
- (71) **FORSCHUNGSZENTRUM JÜLICH GMBH** [DE/DE]; Wilhelm-Johnen-Strasse, D-52425 Jülich (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHULZE, Matthias** [DE/DE]; Broichstrasse 5, D-52428 Jülich (DE).
- (74) **FORSCHUNGSZENTRUM JÜLICH GMBH**; Personal und Recht - Patente (PR-PT), D-52425 Jülich (DE).
- (81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/53311** (13) A2
(21) PCT/US98/10520
(22) **22 May/mai 1998 (22.05.1998)**
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(31) 60/047,488 (32) **23 May/mai 1997 (23.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **G01N 33/00**
- (54) ● DEVICES AND METHODS FOR USING CENTRIPETAL ACCELERATION TO DRIVE FLUID MOVEMENT IN A MICROFLUIDICS SYSTEM
● DISPOSITIFS ET PROCÉDES PERMETTANT D'UTILISER L'ACCELERATION CENTRIPETE POUR COMMANDER LE DEPLACEMENT DE FLUIDES SUR UN SYSTEME MICROFLUIDIQUE

- (71) **GAMERA BIOSCIENCE CORPORATION** [US/US]; 200 Boston Avenue, Medford, MA 02155 (US).
- (72) **KELLOGG, Gregory**; 34 Belknap Street #3, Somerville, MA 02144 (US). **KIEFFER-HIGGINS, Stephen, G.**; 30 Beaumont Street, Dorchester, MA 02124 (US). **CARVALHO, Bruce, L.**; 59 Merrill Road, Watertown, MA 02172 (US). **DAVIS, Gene, A.**; 51 Eldred Street, Lexington, MA 02173 (US). **WILLIS, John, P.**; 24 Whitney Road, Shirley Center, MA 01464 (US). **MINIOR, Ted**; 11 Cot Hill Road, Bedford, MA 02155 (US). **CHAPMAN, Laura, L.**; 87 Marshall Street, Somerville, MA 02145 (US). **KOB, Mikayla**; 14 Ashford Street, Allston, MA 02134 (US). **OELTJEN, Sarah, D.**; 46 Hancock Street, Somerville, MA 02144 (US). **OMMERT, Shari**; 175 Main Street, Medford, MA 02155 (US). **MIAN, Alec**; 137 Magazine Street, Cambridge, MA 03139 (US).
- (74) **NOONAN, Kevin, E.**; McDonnell Boehnen Hulber & Berghoff, 32nd floor, 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 GU HW ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/53312** (13) A1
(21) PCT/CA97/00351
(22) **23 May/mai 1997 (23.05.1997)**
(25) en (26) en
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **G01N 33/24, A01C 21/00, G01N 1/04, A01C 17/00**
- (54) ● SOIL NUTRIENT MONITORING SYSTEM
● SYSTEME DE CONTROLE POUR LES ELEMENTS NUTRITIFS DU SOL
- (71) **APPLIED MICROELECTRONICS INCORPORATED** [CA/CA]; 1046 Barrington Street, Halifax, Nova Scotia B3H 2R1 (CA).
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- (72, 75) **ADSETT, John** [CA/CA]; 22 Junco Court, Truro, Nova Scotia B2N 5B1 (CA). **SIBLEY, Kevin** [CA/CA]; 8 Wharf Road, Great Village, Nova Scotia B0M 1L0 (CA). **BURRIS, Douglas** [CA/CA]; P.O. Box 66, Upper Musquodoboit, Nova Scotia B0N 1M0 (CA). **TERRY, Grant** [CA/CA]; R.R. #6, Truro, Nova Scotia B2N 5B4 (CA). **CREELMAN, Stephen** [CA/CA]; 59 Crowell Drive, Truro, Nova Scotia B2N 5N1 (CA). **THOTTAN, Jacob** [IN/CA]; 3 Heritage Place, Truro, Nova Scotia B2N 6J4 (CA).

- (74) **MORROW, Joy, D.** et al. / etc.; Smart & Biggar, 900 - 55 Metcalfe Street, P.O. Box 2999, Station D, Ottawa, Ontario K1P 5Y6 (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 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).

- (11) **WO 98/53313** (13) A1
(21) PCT/FI98/00420

- (22) **19 May/mai 1998 (19.05.1998)**
(25) fi (26) en
(31) 972123 (32) **19 May/mai 1997 (19.05.1997)** (33) FI
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **G01N 33/46, B27L 1/00**
- (54) ● METHOD AND APPARATUS FOR DETERMINING THE PORTION OF WOOD MATERIAL PRESENT IN A STREAM OF BARK
● PROCÉDE ET DISPOSITIF PERMETTANT DE DETERMINER LE POURCENTAGE DE MATERIAU LIGNEUX DANS UN FLUX D'ECORCE
- (71) **ANDRITZ-PATENTVERWALTUNGS-GMBH** [AT/AT]; Statteggerstrasse 18, A-8045 Graz (AT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TAIPALE, Esa** [FI/FI]; Kotakatu 4, FIN-15340 Lahti (FI). **MAYBÖCK, Rudolf** [AT/AT]; Jaritzberg 156, A-8113 St. Bartholomä (AT).
- (74) **KAUSTE, Markku** et al. / etc.; Leitzinger Oy, Ruoholahdenkatu 8, FIN-00180 Helsinki (FI).

- (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 GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/53314** (13) A1
(21) PCT/DE98/01362
(22) **16 May/mai 1998 (16.05.1998)**
(25) de (26) de
(31) 297 08 743.6 (32) **16 May/mai 1997 (16.05.1997)** (33) DE
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **G01N 33/48**

- (54) ● DEVICE FOR DETERMINING TRANSFORMED CELLS POSSIBLY CONTAINED IN THE BLOOD OF AN INDIVIDUAL
● DISPOSITIF POUR DETERMINER LA PRESENCE DE CELLULES TRANSFORMEES CONTENUES EVENTUELLEMENT DANS LE SANG D'UN INDIVIDU

- (71) **DR. KÜBLER GMBH** [DE/DE]; Siebertstrasse 6, D-81675 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KÜBLER, Ulrich** [DE/DE]; Siebertstrasse 6, D-81675 München (DE).
- (74) **NÄTEBUSCH, Roderich**; Ottostrasse 24a, D-85521 Otterbrunn (DE).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/53315** (13) A1
(21) PCT/IB98/00733
(22) **15 May/mai 1998 (15.05.1998)**

- (25) en (26) en
- (31) 60/046,962 (32) **19 May/mai 1997** (33) US (19.05.1997)
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G01N 33/53, C07K 16/42, G01N 33/543**
- (54) ● IMMUNOASSAYS USING ANTI-ALLOTYPIC MONOCLONAL ANTIBODIES
● IMMUNODOSAGES UTILISANT DES ANTICORPS MONOCLONAUX ANTI-ALLOTYPIQUES
- (63) US 60/046,962 (CON)
19 May/mai 1997 (19.05.1997)
- (71) **CHIRON DIAGNOSTICS CORPORATION** [US/US]; 333 Coney Street, East Walpole, MA 02032 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BARLOW, Eve, H.** [US/US]; 113 Mitchell Road, Holliston, MA 01746 (US).
- (74) **MORGENSTERN, Arthur, S.**; Chiron Diagnostics Corporation, 63 North Street, Medfield, MA 02052 (US) et al. / etc.
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53316** (13) A1
- (21) PCT/US98/09552
- (22) **11 May/mai 1998** (11.05.1998)
- (25) en (26) en
- (31) 60/047,605 (32) **23 May/mai 1997** (33) US (23.05.1997)
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G01N 33/542, 33/58, C12Q 1/68**
- (54) ● ASSAYS EMPLOYING ELECTROCHEMILUMINESCENT LABELS AND ELECTROCHEMILUMINESCENCE QUENCHERS
● METHODES UTILISANT DES MARQUEURS ELECTROCHIMILUMINESCENTS ET DES EXTINCTEURS D'ELECTROCHIMILUMINESCENCE
- (71) **BOEHRINGER MANNHEIM CORPORATION** [US/US]; 9115 Hague Road, Indianapolis, IN 46250 (US).
- (72) **RICHTER, Mark, M.**; 425 S. Weller Avenue, Springfield, MO 65802 (US). **POWELL, Michael, J.**; 1024 Ocho Rios, Danville, CA 94506 (US). **BELISLE, Christopher, M.**; 1741 Getoun Court, Concord, CA 94518 (US).
- (74) **CIOTTI, Thomas, E.** et al. / etc.; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304-1018 (US).
- (81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/53317** (13) A1
- (21) PCT/NL98/00289
- (22) **20 May/mai 1998** (20.05.1998)
- (25) en (26) en
- (31) 97201507.7 (32) **20 May/mai 1997** (33) EP (20.05.1997)
- (34) NL et al. / etc.
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G01N 33/574**
- (54) ● RECOGNITION OF TUMOUR-SPECIFIC GENE PRODUCTS IN CANCER
● RECONNAISSANCE DE PRODUITS GENE-TIQUES TUMORAUX SPECIFIQUES DU CANCER
- (71) **ERASMUS UNIVERSITEIT ROTTERDAM** [NL/NL]; Dr. Molewaterplein 50, NL-3015 GE Rotterdam (NL).
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- (72, 75) **BERENDES, Paulus, Benjamin** [NL/NL]; Kamperfoeliedreef 20, NL-2665 RJ Bleiswijk (NL). **VEENMAN, Janine, Nicole** [NL/NL]; Jan van Ghestellaan 22, NL-3054 CJ Rotterdam (NL). **VAN DENDEREN, Adriana, Cornelia** [NL/NL]; Kluitmanstraat 8, NL-2804 JR Gouda (NL). **VAN EWIJK, Willem** [NL/NL]; Hoge Maasdijk 47, NL-4281 NE Andel (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53318** (13) A1
- (21) PCT/US98/10275
- (22) **20 May/mai 1998** (20.05.1998)
- (25) en (26) en
- (31) 60/047,216 (32) **20 May/mai 1997** (33) US (20.05.1997)
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G01N 33/574, 33/50, 33/569, C07K 16/28**
- (54) ● A NOVEL THROMBOPOIETIN SIGNALING DEFECT IN POLYCYTHEMIA VERA PLATELETS
● NOUVELLE THROMBOPOIETINE SIGNALANT DES DEFAUTS DANS DES PLAQUETTES DE POLYCYTHEMIA VERA
- (63) US 60/047,216 (CON)
20 May/mai 1997 (20.05.1997)
- (71) **THE JOHNS HOPKINS UNIVERSITY** [US/US]; Suite 2-100, 2024 E. Monument Street, Baltimore, MD 21205 (US).
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- (72, 75) **SPIVAK, Jerry, L.** [US/US]; The Johns Hopkins University, Suite 2-100, 2024 E. Monument Street, Baltimore, MD 21205 (US). **MOLITERNO, Alison** [US/US]; The Johns Hopkins University, Suite 2-100, 2024 E. Monument Street, Baltimore, MD 21205 (US).
- (74) **KAGAN, Sarah, A.** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53320** (13) A1
- (21) PCT/US98/10278
- (22) **20 May/mai 1998** (20.05.1998)
- (25) en (26) en
- (31) 60/047,216 (32) **20 May/mai 1997** (33) US (20.05.1997)
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G01N 33/574, 33/50, 33/569**
- (54) ● A NOVEL THROMBOPOIETIN SIGNALING DEFECT IN POLYCYTHEMIA VERA PLATELETS
● NOUVELLE THROMBOPOIETINE SIGNALANT DES DEFAUTS DANS DES PLAQUETTES DE POLYCYTHEMIA VERA
- (63) US 60/047,216 (CON)
20 May/mai 1997 (20.05.1997)

(71) **THE JOHNS HOPKINS UNIVERSITY** [US/US]; Suite 2-100, 2024 E. Monument Street, Baltimore, MD 21205 (US).
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(72, 75) **SPIVAK, Jerry, L.** [US/US]; The Johns Hopkins University, Suite 2-100, 2024 E. Monument Street, Baltimore, MD 21205 (US). **MOLITERNO, Alison** [US/US]; The Johns Hopkins University, Suite 2-100, 2024 E. Monument Street, Baltimore, MD 21205 (US).

(74) **KAGAN, Sarah, A.** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 197 21 151.8 (32) **21 May/mai 1997 (21.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01N 33/68, 33/558**

(54) ● STRIP TEST FOR DIAGNOSING ALLERGIES *IN-VITRO*
● BANDELETTE DE TEST POUR DIAGNOSTIQUER DES ALLERGIES *IN VITRO*

(71) **MERCK PATENT GMBH** [DE/DE]; Frankfurter Strasse 250, D-64293 Darmstadt (DE).

(72) **WAHL, Rüdiger**; Schenkendorfstrasse 24, D-22085 Hamburg (DE). **CROMWELL, Oliver**; Löhnhöhe 2, D-21465 Wentorf (DE). **FIEBIG, Helmut**; Bäckerweg 10, D-21493 Schwarzenbeck (DE).

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

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(22) **22 May/mai 1998 (22.05.1998)**

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(31) 9710762.7 (32) **23 May/mai 1997 (23.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01N 33/68, C07K 14/47, 16/18, C07H 21/00**

(54) ● BINDING COMPLEXES
● COMPLEXES DE LIAISON

(71) **THE INSTITUTE OF CANCER RESEARCH: ROYAL CANCER HOSPITAL** [GB/GB]; Chester Beatty Laboratories, 237 Fulham Road, London SW3 6JB (GB).
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(72, 75) **WILLISON, Keith** [GB/GB]; 79 Chesson Road, West Kensington, London W14 9QS (GB). **HYNES, Gillian** [GB/GB]; 33 Trevor Road,

Wimbledon, London SW19 3PW (GB). **LIU, Anthony, Kian-Fong** [SG/US]; Apartment #3, 172 Locksley Avenue, San Francisco, CA 94122 (US).

(74) **KIDDLE, Simon, J.** et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, London WC2B 6HP (GB).

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

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(31) 9710582.9 (32) **22 May/mai 1997 (22.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01N 33/68**

(54) ● A METHOD FOR DE NOVO PEPTIDE SEQUENCE DETERMINATION
● PROCEDE PERMETTANT DE DETERMINER DES SEQUENCES PEPTIDIQUES DE NOVO

(71) **OXFORD GLYCOSCIENCES (UK) LTD.** [GB/GB]; 10 The Quadrant, Barton lane, Abingdon Science Park, Abingdon OX14 3YS (GB).
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(72, 75) **PAREKH, Raj, Bhikhu** [GB/GB]; Alchester House, Langford Lane, Nr Wendlebury, Oxfordshire OX6 0NS (GB). **PRIME, Sally, Barbara** [GB/GB]; Sunnybrook, 37 North Hinksey Village, Oxford OX2 0NA (GB). **WEDD, Nick, Sinclair** [GB/GB]; Sunnybrook, 37 North Hinksey Village, Oxford OX2 0NA (GB). **TOWNSEND, Robert, Reid** [US/GB]; 33 Norreys Avenue, Oxford OX1 4ST (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53324** (13) A1

(21) PCT/FR98/00991

(22) **19 May/mai 1998 (19.05.1998)**

(25) fr (26) fr

(31) 97/06245 (32) **22 May/mai 1997 (22.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01N 33/74, 33/68**

(54) ● IN VITRO DIAGNOSIS OF TRANSMISSIBLE SUBACUTE SPONGIFORM ENCEPHALOPATHIES BY CORTISOL METABOLITE DETERMINATION
● DIAGNOSTIC IN VITRO DES ENCEPHALOPATHIES SUBAIGUES SPONGIFORMES TRANSMISSIBLES, PAR DOSAGE DE METABOLITES DU CORTISOL

(71) **INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA)** [FR/FR]; 147, rue de l'Université, F-75341 Paris Cedex 07 (FR). **ECOLE NATIONALE VETERINAIRE DE TOULOUSE** [FR/FR]; 23, chemin des Capelles, F-31076 Toulouse Cedex (FR).
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(72, 75) **TOUTAIN, Pierre-Louis** [FR/FR]; 5, rue de la Goutille, F-31880 La Salvétat Saint Gilles (FR). **PICARD-HAGEN, Nicole** [FR/FR]; 12, chemin Bastards, F-31830 Plaisance du Touch (FR). **SHELCHER, François** [FR/FR]; 3, avenue des Mimosas, F-31170 Tournefeuille (FR). **GAYRARD, Véronique** [FR/FR]; 37, rue des Paradoux, F-31000 Toulouse (FR). **LAROUTE, Valérie** [FR/FR]; Bâtiment B2, 2, Les Ormes, F-31320 Castanet Tolosane (FR).

(74) **VIALLE-PRESLES, Marie-José** et al. / etc.; Cabinet Orès, 6, avenue de Messine, F-75008 Paris (FR).

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

(11) **WO 98/53325** (13) A1

(21) PCT/US98/10257

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 08/861.670 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01N 35/10**

(54) ● FLUID HANDLER AND METHOD OF HANDLING A FLUID
● PROCEDE ET DISPOSITIF DE MANIPULATION D'UNE FLUIDE

(71) **ABBOTT LABORATORIES** [US/US]; CHAD 0377/AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-3500 (US).

(72) **MERRIAM, Richard**; 4451 Mendenhall Drive, Dallas, TX 75244 (US). **DONAHOE, Theresa, M.**; 1364 Gloria Drive, Palatine, IL 60067 (US). **FORD, Gregory, O.**; 6752 Manitowoc Drive, Plano, TX 75023 (US). **KOLTERMAN, James, C.**; 199 Homewood Avenue, Libertyville, IL 60048 (US). **WARNKE, Kevin, C.**; 140 E. Westminster Avenue, Lake Forest, IL 60045 (US).

(74) **BACH, Mark, C.** et al. / etc.; Abbott Laboratories, Chad 0377/AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-3500 (US).

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

(11) **WO 98/53326** (13) A1

(21) PCT/US98/10358

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 08/862.092 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01N 35/10**

(54) ● METHOD OF HANDLING A FLUID
● PROCEDE DE MANIPULATION DE FLUIDE

- (71) **ABBOTT LABORATORIES** [US/US]; CHAD 0377/AP6D2, 100 Abbott Park Road, Abbott Park, IL 60064-3500 (US).
- (72) **MERRIAM, Richard**; 4451 Mendenhall Drive, Dallas, TX 75244 (US).
- (74) **BACH, Mark, C.** et al. / etc.; Abbott Laboratories, CHAD 0377/AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-3500 (US).
- (81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/53327** (13) A1
(21) PCT/SE98/00937
(22) **19 May/mai 1998 (19.05.1998)**
(25) en (26) en
(31) 9701911-1 (32) **22 May/mai 1997 (22.05.1997)** (33) SE
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **G01P 3/38, G01B 11/04**
(54) ● METHOD AND DEVICE FOR CONTACT-LESS MEASURING OF MOVEMENT
● PROCEDE ET DISPOSITIF DE MESURE DE DEPLACEMENT SANS CONTACT
(71) **OPTRONIC CONSULT AB** [SE/SE]; P.O. Box 21143, S-100 31 Stockholm (SE).
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- (72) 75) **ÅHLÉN, Hans** [SE/SE]; Birger Jarlsgatan 97, S-113 56 Stockholm (SE).
- (74) **BROLIN, Tommy** et al. / etc.; Albihs Patentbyrå Stockholm 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/53328** (13) A1
(21) PCT/FR98/00997
(22) **19 May/mai 1998 (19.05.1998)**
(25) fr (26) fr
(31) 97/06332 (32) **23 May/mai 1997 (23.05.1997)** (33) FR
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **G01P 15/10, 1/00, 1/02**
(54) ● MICRO-ACCELEROMETER WITH CAPACITIVE RESONATOR
● MICRO-ACCELEROMETRE A RESONATEUR CAPACITIF
(71) **SEXTANT AVIONIQUE** [FR/FR]; Aérodrome de Villacoublay, F-78240 Velizy-Villacoublay (FR).
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- (72) 75) **LEFORT, Olivier** [FR/FR]; Thomson-CSF Propriété Intellectuelle, Dépt. Protection et Conseil, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR). **THOMAS Isabelle** [FR/FR]; Thomson-CSF Propriété Intellectuelle, Dépt. Protection et Conseil, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).

- (74) **THOMSON-CSF PROPRIETE INTELLECTUELLE**; Dépt. Protection et Conseil, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).
- (81) NO US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/53329** (13) A1
(21) PCT/EP98/02303
(22) **18 Apr/avr 1998 (18.04.1998)**
(25) de (26) de
(31) 197 21 488.6 (32) **23 May/mai 1997 (23.05.1997)** (33) DE
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **G01P 21/02**
(54) ● METHOD FOR COMPENSATING VARIATIONS IN A WHEEL SPEED SENSOR
● PROCEDE POUR COMPENSER LES ECARTS D'UN CAPTEUR DE VITESSE
(71) **ITT MANUFACTURING ENTERPRISES, INC.** [US/US]; Suite 1217, 1105 North Market Street, Wilmington, DE 19801 (US).
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- (72) 75) **ISERMANN, Rolf** [DE/DE]; Am Hermertsberg 2A, D-64342 Seeheim (DE). **SCHEERER, Peter** [DE/DE]; Rebenstrasse 77, D-64646 Heppenheim (DE). **NELLES, Oliver** [DE/DE]; Friedrichstrasse 86, D-61476 Kronberg (DE). **SCHWARZ, Ralf** [DE/DE]; Pommernstrasse 25, D-64297 Darmstadt (DE).
- (74) **BLUM, K.-D.** et al. / etc.; ITT Automotive Europe GmbH, Guerickestrasse 7, D-60488 Frankfurt am Main (DE).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/53330** (13) A2
(21) PCT/US98/10530
(22) **22 May/mai 1998 (22.05.1998)**
(25) en (26) en
(31) 08/862,596 (32) **23 May/mai 1997 (23.05.1997)** (33) US
(31) 09/039,738 (32) **16 Mar/mar 1998 (16.03.1998)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **G01R**
(54) ● TEST HEAD STRUCTURE FOR INTEGRATED CIRCUIT TESTER
● STRUCTURE DE TETE D'ESSAI POUR TESTEUR DE CIRCUITS INTEGRES
(71) **CREDENCE SYSTEMS CORPORATION** [US/US]; 215 Fourier Avenue, Fremont, CA 94539 (US).

- (72) **HANNERS, John, C.**; 2127 Apple Hill Terrace, Brentwood, CA 94513 (US). **MILLER, Charles, A.**; 48881 Semillon Drive, Fremont, CA 94539 (US). **STANFORD, Dean**; 4738 Valpey Park Avenue, Fremont, CA 94538 (US).
- (74) **SMITH-HILL AND BEDELL, P.C.**; Suite 104, 12670 N.W. Barnes Road, Portland, OR 97229 (US).
- (81) JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/53331** (13) A1
(21) PCT/US97/23797
(22) **22 Dec/déc 1997 (22.12.1997)**
(25) en (26) en
(31) 08/858,107 (32) **19 May/mai 1997 (19.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **G01R 1/073**
(54) ● PROBE HEAD ASSEMBLY
● ENSEMBLE TETE DE SOND
(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 98/53332** (13) A1
(21) PCT/US98/10222
(22) **18 May/mai 1998 (18.05.1998)**
(25) en (26) en
(31) 08/859,597 (32) **19 May/mai 1997 (19.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **G01R 7/00**
(54) ● ELECTRONIC REVENUE METER WITH AUTOMATIC SERVICE SENSING
● COMPTEUR ELECTRONIQUE A DETECTION DE SERVICES AUTOMATIQUE
(71) **SCHLUMBERGER RESOURCE MANAGEMENT SERVICES, INC.** [US/US]; Building 300, 5430 Metric Place, Norcross, GA 30092-2550 (US).

- (74) **ASMAN, Sanford, J.**; 570 Vinington Court, Dunwoody, GA 30350 (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 GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/53333** (13) A1
(21) PCT/EP98/02746
(22) **11 May/mai 1998 (11.05.1998)**
(25) de (26) de
(31) 197 21 950.0 (32) **21 May/mai 1997 (21.05.1997)** (33) DE
(31) 198 06 320.2 (32) **6 Feb/fév 1998 (06.02.1998)** (33) DE
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **G01R 29/08**

- (54) ● METHOD AND DEVICE FOR GENERATING AND RECEIVING ELECTROMAGNETIC FIELDS FOR TEST AND MEASUREMENT PURPOSES
- PROCEDE ET DISPOSITIF POUR PRODUIRE ET RECEVOIR DES CHAMPS ELECTROMAGNETIQUES A DES FINS DE VERIFICATION ET DE MESURE

(71) **EURO EMC SERVICE DR. HANSEN GMBH** [DE/DE]; Postdamer Strasse 18A, D-14513 Teltow (DE).
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(72, 75) **FUNCK, Jörg** [DE/DE]; Müllerstrasse 60, D-13353 Berlin (DE). **HANSEN, Diethard** [DE/CH]; Bahnhofstrasse 39a, D-8965 Berikon 2 (CH). **RISTAU, Detlef** [DE/DE]; Am Treptower Park 49, D-12435 Berlin (DE). **MÖBLER, Stefan** [DE/DE]; Dorfstrasse 17N, D-15831 GroßKienitz (DE).

(74) **HENGELHAUPT, Jürgen, D.** et al. / etc.; Lützowplatz 11-13, D-10785 Berlin (DE).

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

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(11) **WO 98/53334** (13) A1

(21) PCT/JP97/01707

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(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01R 31/12, H02B 13/065**

(54) ● PARTIAL DISCHARGE DETECTOR OF GAS-INSULATED APPARATUS

● DETECTEUR DE DECHARGE PARTIELLE POUR APPAREIL ISOLE AU GAZ

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101 (JP).
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(72, 75) **KATO, Tatsuro** [JP/JP]; 12-1, Ayukawacho 6-chome, Hitachi-shi, Ibaraki 316 (JP). **OSHITA, Youichi** [JP/JP]; 63-15, Tabiko, Hitachinaka-shi, Ibaraki 312 (JP).

(74) **OGAWA, Katsuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100 (JP).

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

(11) **WO 98/53335** (13) A2

(21) PCT/FI98/00424

(22) **20 May/mai 1998 (20.05.1998)**

(25) fi (26) en

(31) 972135 (32) **20 May/mai 1997 (20.05.1997)** (33) FI

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01R 31/36**

(54) ● CONDITION MONITORING SYSTEM FOR BATTERIES

● SYSTEME DE CONTROLE DE BATTERIES

(71, 72) **JOKINEN, Usko** [FI/FI]; Pi 1, FIN-00641 Helsinki (FI).

(74) **OLLIKAINEN, Rauno** et al. / etc.; Leitzinger Oy, Ruoholahdenkatu 8, FIN-00180 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53336** (13) A1

(21) PCT/US98/09888

(22) **15 May/mai 1998 (15.05.1998)**

(25) en (26) en

(31) 08/861,297 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01R 33/50**

(54) ● MAGNETIC RESONANCE METHOD AND APPARATUS FOR DETERMINING OR IMAGING LONGITUDINAL SPIN RELAXATION TIME OR PRODUCING IMAGES WHICH SUBSTANTIALLY REFLECT LONGITUDINAL SPIN RELAXATION TIME CONTRAST

● PROCEDE ET APPAREIL A RESONANCE MAGNETIQUE DE DETERMINATION OU DE FORMATION D'IMAGES DE TEMPS DE RELAXATION DE SPIN LONGITUDINAL OU DE PRODUCTION D'IMAGES REFLETTANT SENSIBLEMENT UN CONTRASTE DE TEMPS DE RELAXATION DE SPIN LONGITUDINAL

(71) **THE JOHNS HOPKINS UNIVERSITY** [US/US]; School of Medicine, Suite 2-100, 2024 E. Monument Street, Baltimore, MD 21205 (US).

(72) **BOTTOMLEY, Paul, A.**; 6308 Velvet Path, Columbia, MD 21044 (US).

(74) **HOUSER, Kirk, D.**; Eckert Seamans Cherin & Mellott, LLC, 42nd floor, 600 Grant Street, Pittsburgh, PA 15219 (US).

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

(11) **WO 98/53337** (13) A2

(21) PCT/US98/10476

(22) **21 May/mai 1998 (21.05.1998)**

(25) en (26) en

(31) 06/047,627 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(31) 08/984,102 (32) **3 Dec/déc 1997 (03.12.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01S**

(54) ● SYSTEM AND METHOD FOR SIMULTANEOUS DATA LINK WITH MULTIPURPOSE RADAR OPERATIONS

● SYSTEME ET PROCEDE PERMETTANT LA MISE EN OEUVRE SIMULTANEE D'UNE LIAISON DE DONNEES ET D'OPERATIONS DE RADAR POLYVALENT

(71) **RAYTHEON COMPANY** [US/US]; 2000 E. El Segundo Boulevard, P.O. Box 902, El Segundo, CA 90245-0902 (US).

(72) **SCHOBER, Michael, B.**; 11681 N. Europa Place, Tucson, AZ 85737 (US). **TARGOFF, Donald, M.**; 10974 N. Black Canyon, Oro Valley, AZ 85737 (US).

(74) **DOWNS, Brian, C.**; Raytheon Company, 2000 E. El Segundo Boulevard, P.O. Box 902, El Segundo, CA 90245-0902 (US) et al. / etc.

(81) AU IL KR NO TR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/53338** (13) A1

(21) PCT/US98/08188

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 60/047,514 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01S 13/44**

(54) ● METHOD FOR IMPROVING MONOPULSE PROCESSING OF APERTURE SEGMENT OUTPUTS

● PROCEDE PERMETTANT D'AMELIORER LE TRAITEMENT MONOPULSE DES SORTIES DES SEGMENTS D'OUVERTURE

(71) **RAYTHEON TI SYSTEMS, INC.** [US/US]; 2501 South Highway 121, Lewisville, TX 75067 (US).

(72) **PRIEBE, leslie, A.**; 3409 Melanie Lane, Plano, TX 75023 (US). **HOLMES, Jerry, D.**; 3605 Tennis Place, Plano, TX 75075 (US).

(74) **MILLS, Jerry, W.**; 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53339** (13) A1

(21) PCT/FR98/00982

(22) **15 May/mai 1998 (15.05.1998)**

(25) fr (26) fr

(31) 97/06331 (32) **23 May/mai 1997 (23.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G01T 1/00, 5/08**

(54) ● DEVICE FOR MEASURING EXPOSURE OF A SOLID STATE IMAGE SENSOR SUBJECTED TO AN IONISING RADIATION AND DETECTOR EQUIPPED WITH SAME

● DISPOSITIF DE MESURE D'EXPOSITION D'UN DETECTEUR D'IMAGE A L'ETAT SOLIDE SOUMIS A UN RAYONNEMENT IONISANT ET DETECTEUR D'IMAGE EQUIPE D'UN TEL DISPOSITIF DE MESURE

(71) **THOMSON TUBES ELECTRONIQUES** [FR/FR]; 18, avenue du Maréchal Juin, F-92360 Meudon La Forêt (FR).

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- (72, 75) **MOY, Jean-Pierre** [FR/FR]; Thomson-CSF Propriété Intellectuelle, Dépt. Protection et Conseil, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).
- (74) **THOMSON-CSF PROPRIÉTÉ INTELLECTUELLE**; Dépt. Protection et Conseil, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).
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- (11) **WO 98/53340** (13) A1
- (21) PCT/FR98/00977
- (22) **15 May/mai 1998 (15.05.1998)**
- (25) fr (26) fr
- (31) 97/06049 (32) **16 May/mai 1997 (16.05.1997)** (33) FR
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G01T 1/161, 1/29**
- (54) ● DIGITAL RADIOGRAPHY DEVICE PROTECTED AGAINST RISK OF ELECTROCUTION
● DISPOSITIF DE RADIOGRAPHIE NUMÉRIQUE A PROTECTION CONTRE LES RISQUES ELECTRIQUES
- (71) **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31-33, rue de la Fédération, F-75015 Paris (FR).
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- (72, 75) **THEVENIN, Bernard** [FR/FR]; 1, chemin la Bourrellière, F-38120 Saint-Egrève (FR). **GLASSER, Francis** [FR/FR]; 20, rue René Cassin, F-38320 Eybens (FR).
- (74) **BREVATOME**; 25, rue de Ponthieu, F-75008 Paris (FR).
- (81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/53341** (13) A1
- (21) PCT/GB98/01397
- (22) **15 May/mai 1998 (15.05.1998)**
- (25) en (26) en
- (31) 9710489.7 (32) **22 May/mai 1997 (22.05.1997)** (33) GB
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G01T 3/00, 1/167**
- (54) ● IMPROVEMENTS IN AND RELATING TO MONITORING AND ANALYSIS
● AMÉLIORATIONS APORTEES A OU CONCERNANT DES SYSTEMES DE CONTROLE OU D'ANALYSE
- (71) **BRITISH NUCLEAR FUELS PLC** [GB/GB]; Risley, Warrington, Cheshire WA3 6AS (GB).
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- (72, 75) **RONALDSON, John, Paul** [GB/GB]; BNFL Instruments Limited, Pelham House, Calderbridge, Cumbria CA20 1DP (GB). **SHARPE, Robert, Jonathan** [GB/GB]; BNFL Instruments Limited, Pelham House, Calderbridge, Cumbria CA20 1DP (GB).
- (74) **PAWLYN, Anthony, Neil**; Urquhart-Dykes & Lord, Tower House, Merrion Way, Leeds LS2 8PA (GB).

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

- (11) **WO 98/53342** (13) A1
- (21) PCT/EP98/02732
- (22) **11 May/mai 1998 (11.05.1998)**
- (25) de (26) de
- (31) 197 21 618.8 (32) **23 May/mai 1997 (23.05.1997)** (33) DE
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G01T 3/08**
- (54) ● METHOD FOR DETERMINING NEUTRON SPECTRA AND DEVICE FOR CARRYING OUT SAID METHOD
● PROCEDE ET DISPOSITIF POUR LA DETERMINATION DE SPECTRES NEUTRONIQUES
- (71) **GSF-FORSCHUNGSZENTRUM FÜR UMWELT UND GESUNDHEIT GMBH** [DE/DE]; Ingolstädter Landstrasse 1, D-85764 Oberschleissheim (DE).
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- (72, 75) **FEHRENBACH, Georg** [DE/DE]; Lerchenauerstrasse 124b, D-80809 München (DE). **CORDES, Eric** [DE/DE]; Friedheimerstrasse 25, D-80687 München (DE). **SPRUNCK, Markus** [DE/DE]; An der Bachleiten 1, D-85570 Markt Schwaben (DE). **WAHL, Wolfgang** [DE/DE]; Breitenbachstrasse 1, D-83727 Schliersee (DE).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/53343** (13) A2
- (21) PCT/US98/10290
- (22) **19 May/mai 1998 (19.05.1998)**
- (25) en (26) en
- (31) 08/859,574 (32) **20 May/mai 1997 (20.05.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G01V**
- (54) ● TAGGING SYSTEM USING MOTION DETECTOR
● SYSTEME DE MARQUEURS UTILISANT DES DETECTEURS DE MOUVEMENTS
- (71) **NORTHROP GRUMMAN CORPORATION** [US/US]; 1840 Century Park East, Los Angeles, CA 90067-2199 (US).
- (72) **GUTHRIE, Warren, E.**; ON654 Woodlawn, Wheaton, IL 60187 (US). **PAPPADIA, Joseph, E., Jr.**; 848 Bennington Drive, Crystal Lake, IL 60014 (US).
- (74) **ANDERSON, Terry, J.**; Northrop Grumman Corporation, 1840 Century Park East, Los Angeles, CA 90067-2199 (US) et al. / etc.
- (81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/53344** (13) A1
- (21) PCT/US97/19248
- (22) **27 Oct/oct 1997 (27.10.1997)**
- (25) en (26) en
- (31) 60/034,565 (32) **7 Jan/jan 1997 (07.01.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G01V 1/143**
- (54) ● GEOPHYSICAL EXPLORATION SYSTEM USING SEISMIC VIBRATOR SOURCE WHICH PROVIDES A COMPOSITE SWEEP
● SYSTEME DE PROSPECTION GEOPHYSIQUE UTILISANT UN VIBRATEUR DE PROSPECTION SISMIQUE ASSURANT UN BALAYAGE COMPOSITE
- (71) **HYDROACOUSTICS, INC.** [US/US]; 999 Lehigh Station Road, P.O. Box 23447, Rochester, NY 14692 (US).
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- (72, 75) **BOUYOUCOS, John, V.** [US/US]; One Stonegate Lane, Pittsford, NY 14534 (US). **HOLLINGER, David, P.** [US/US]; 27 Pine View Heights, Avon, NY 14414 (US).
- (74) **LUKACHER, Martin**; Harris Beach & Wilcox, LLP, 130 East Main Street, Rochester, NY 14604-1687 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT 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/FR98/01001
- (22) **20 May/mai 1998 (20.05.1998)**
- (25) fr (26) fr
- (31) 97/06426 (32) **22 May/mai 1997 (22.05.1997)** (33) FR
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G01V 1/52**
- (54) ● SEISMIC PROBE COMPRISING A SEISMIC SENSOR AND EARTH MAGNETIC FIELD SENSOR
● SONDE DE TYPE SISMIQUE COMPORTANT UN DETECTEUR SISMIQUE ET UN DETECTEUR DU CHAMP MAGNETIQUE TERRESTRE
- (71) **INSTITUT NATIONAL DE L'ENVIRONNEMENT INDUSTRIEL ET DES RISQUES** [FR/FR]; Parc Technologique Alata, F-60550 Verneuil-en-Halatte (FR).
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- (72, 75) **CRENNER, Francis** [FR/FR]; 18 Grand'Rue, F-67170 Kriegsheim (FR). **BIGARRE, Pascal** [FR/FR]; 8A, rue d'Hannoncelles, F-57000 Metz (FR). **CAMUS, Philippe** [FR/FR]; 3, avenue de Berteux, F-60500 Chantilly (FR).
- (74) **METZ, Paul**; Cabinet Metz Patni, Boîte postale 63, F-67024 Strasbourg Cedex (FR).
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 (21) PCT/US98/09931
 (22) **13 May/mai 1998 (13.05.1998)**
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 (31) 08/858,115 (32) **19 May/mai 1997 (19.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **G02B 5/02, 1/04**
 (54) ● THIN LIGHT REFLECTANT SURFACE AND METHOD FOR MAKING AND USING SAME
 ● SURFACE FINE REFLECHISSANT LA LUMIERE ET PROCEDE PERMETTANT DE FABRIQUER ET D'UTILISER CETTE SURFACE
- (71) **GORE ENTERPRISE HOLDINGS, INC.** [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).
- (72) **MCGREGOR, Gordon, L.**; 5 Copper Beech Court, Landenberg, PA 19350 (US). **MINOR, Raymond, B.**; 233 Greenhaven Drive, Elkton, MD 21921 (US).
- (74) **CAMPBELL, John, S.** et al. / etc.; W.L. Gore & Associates, Inc., 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/53347** (13) A2
 (21) PCT/US98/09820
 (22) **14 May/mai 1998 (14.05.1998)**
 (25) en (26) en
 (31) 08/859,533 (32) **20 May/mai 1997 (20.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **G02B 6/00**
 (54) ● FIBER CONNECTOR AND ADAPTER
 ● CONNECTEUR ET ADAPTEUR DE FIBRES
- (71) **ADC TELECOMMUNICATIONS, INC.** [US/US]; 12501 Whitewater Drive, Minnetonka, MN 55343 (US).
- (72) **LU, Liang-Ju**; 15815 Scenic Heights Road, Eden Prairie, MN 55344 (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) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53348** (13) A1
 (21) PCT/US98/09897
 (22) **20 May/mai 1998 (20.05.1998)**
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 (31) 60/047,283 (32) **21 May/mai 1997 (21.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **G02B 6/00**
 (54) ● OPTICAL LIGHT PIPES WITH LASER LIGHT APPEARANCE
 ● FIBRES OPTIQUES DONNANT L'APPARENCE D'UNE LUMIERE LASER
- (63) US 60/047,283 (CON)
 21 May/mai 1997 (21.05.1997)
- (71, 72) **MCGAFFIGAN, Thomas, H.** [US/US]; 19089 Brookhaven Drive, Saratoga, CA 95070 (US).
- (74) **PETERSON, James, W.**; 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53349** (13) A1
 (21) PCT/DE98/00856
 (22) **24 Mar/mar 1998 (24.03.1998)**
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 (31) 197 21 721.4 (32) **23 May/mai 1997 (23.05.1997)** (33) DE
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **G02B 6/12, G02F 1/01**
 (54) ● METHOD FOR PRODUCING THERMO-OPTICAL SWITCHING ELEMENTS
 ● PROCEDE DE FABRICATION D'ELEMENTS DE COMMUTATION THERMOOPTIQUES
- (71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
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- (72, 75) **MUELLER-FIEDLER, Roland** [DE/DE]; Gartenstrasse 21, D-71229 Leonberg (DE). **BERNHARD, Winfried** [DE/DE]; Wagnerstrasse 4, D-27552 Gera (DE). **ROESCH, Oliver** [DE/DE]; Leharstrasse 8, D-70195 Stuttgart (DE). **HEINBUCH, Petra** [DE/DE]; Claudiusstrasse 18, D-70193 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/EP98/02532
 (22) **29 Apr/avr 1998 (29.04.1998)**
 (25) de (26) de
 (31) 197 20 784.7 (32) **17 May/mai 1997 (17.05.1997)** (33) DE
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **G02B 6/12, 6/122, 6/124**
 (54) ● INTEGRATED OPTICAL CIRCUIT
 ● CIRCUIT OPTIQUE INTEGRE
- (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) **KOOPS, Hans, Wilfried, Peter** [DE/DE]; Ernst-Ludwig-Strasse 16, D-64372 Ober-Ramstadt (DE). **DULTZ, Wolfgang** [DE/DE]; Marienbergerstrasse 37, D-65936 Frankfurt am Main (DE).
- (81) AU CA JP NZ US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/53351** (13) A2
 (21) PCT/GB98/01429
 (22) **18 May/mai 1998 (18.05.1998)**
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 (31) 9710062.2 (32) **16 May/mai 1997 (16.05.1997)** (33) GB
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **G02B 6/12, G02F**
 (54) ● OPTICAL DEVICES AND METHODS OF FABRICATION THEREOF
 ● DISPOSITIF OPTIQUE ET PROCEDES DE FABRICATION DUDIT DISPOSITIF
- (71) **BTG INTERNATIONAL LIMITED** [GB/GB]; 10 Fleet Place, London EC4M 7SB (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHARLTON, Martin, David, Brian** [GB/GB]; 21 Gorselands Road, Bitterne, Southampton SO16 5QG (GB). **PARKER, Gregory, Jason** [GB/GB]; 52 New Forest Drive, Brockenhurst, Hampshire SO42 7QW (GB).
- (74) **CULLIS, Roger**; BTG International Limited, Patents Division, 10 Fleet Place, London EC4M 7SB (GB).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53352** (13) A1
 (21) PCT/KR98/00124
 (22) **19 May/mai 1998 (19.05.1998)**
 (25) en (26) en
 (31) 1997/20056 (32) **22 May/mai 1997 (22.05.1997)** (33) KR
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **G02B 6/27, 6/10, G02F 1/01**
 (54) ● OPTICAL FIBER POLARIZATION CONTROLLER
 ● DISPOSITIF DE COMMANDE DE POLARISATION A FIBRES OPTIQUES
- (71) **DONAM SYSTEMS INC.** [KR/KR]; 373-1, Kusong-dong, Yusong-gu, Taejon 305-701 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KIM, Byoung, Yoon** [KR/KR]; C-2 Daedong Village, Kung-dong, Yusong-gu, Taejon 305-335 (KR). **KOH, Yeon, Wan** [KR/KR]; 101-705 Hyundai Apartment, Doryong-dong, Yusong-gu, Taejon 305-340 (KR). **KIM, Young, Kie** [KR/KR]; 130-405 Hanbit Apartment, Uheun-dong,

- Yusong-gu, Taejon 130-405 (KR). **YEO, Young, Bae** [KR/KR]; 1199-49, Pyeongri 4-dong, Seo-gu, Taejon 703-014 (KR).
- (74) **HUH, Jin, Seok**; 206 Sungji Building, 1338-22, Seocho-dong, Seocho-ku, Seoul 137-070 (KR).
- (81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/53353** (13) A2
(21) PCT/FI98/00419
(22) **18 May/mai 1998 (18.05.1998)**
(25) en (26) en
(31) 972117 (32) **16 May/mai 1997 (16.05.1997)** (33) FI
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **G02B 6/44**
(54) ● METHOD AND ARRANGEMENT FOR COATING AN OPTIC CABLE
● PROCEDE ET SYSTEME PERMETTANT DE REVETIR UN CABLE OPTIQUE
(71) **NEXTROM HOLDING S.A.** [CH/CH]; Route du Bois, CH-1024 Ecublens (CH).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **LUUKKALA, Mauri** [FI/FI]; Haukilahdenranta 23 B 5, FIN-02170 Espoo (FI). **AURA, Kimmo** [FI/FI]; Lummetie 43 D 19, FIN-01300 Vantaa (FI). **HAIPUS, Ilpo** [FI/FI]; Lentäjänkuja 4 B 10, FIN-03100 Nummela (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53354** (13) A1
(21) PCT/GB98/01247
(22) **29 Apr/avr 1998 (29.04.1998)**
(25) en (26) en
(31) 9710097.8 (32) **19 May/mai 1997 (19.05.1997)** (33) GB
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **G02B 6/44**
(54) ● CONNECTING OPTICAL FIBRES
● CONNEXION DE FIBRES OPTIQUES
(71) **PIRELLI GENERAL PLC** [GB/GB]; 11 Berkeley Street, London W1X 6BU (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **HOUGH, Stephen, John** [GB/GB]; Kyrle Cottage, Whitchurch, Ross on Wye, Herefordshire (GB). **LLEWELLYN, Laurence** [GB/GB]; 24 Deans Gardens, Chepstow, Gwent NP6 5SG (GB). **GRAVESTON, Mark, George** [GB/GB]; 56 Glanwern Avenue, Newport, Gwent NP9 9DH (GB).
- (74) **ABBIE, A., K.** et al. / etc.; R.G.C. Jenkins & Co., 26 Caxton Street, London SW1H 0RJ (GB).
- (81) AU BR CA JP NZ US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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(21) PCT/FR98/00980
(22) **15 May/mai 1998 (15.05.1998)**
(25) fr (26) fr
(31) 97/06099 (32) **20 May/mai 1997 (20.05.1997)** (33) FR
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **G02B 7/182, G01C 19/66, H01S 3/083**
(54) ● GYROMETER LASER MIRROR WITH DIRECTLY MOUNTED REFLECTING CHIP
● MIROIR A PASTILLE REFLECHISSANT RAPPORTEE, UTILISABLE DANS UN GYROMETRE LASER
(71) **SEXTANT AVIONIQUE** [FR/FR]; Aérodrome de Villacoublay, F-78140 Vélizy Villacoublay (FR).
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(72, 75) **BONNAUDET, Etienne** [FR/FR]; Thomson-CSF Propriété Intellectuelle, Dépt. Protection et Conseil, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR). **PLAN, Christophe** [FR/FR]; Thomson-CSF Propriété Intellectuelle, Dépt. Protection et Conseil, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR). **JAULAIN, Yves** [FR/FR]; Thomson-CSF Propriété Intellectuelle, Dépt. Protection et Conseil, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).
- (74) **THOMSON-CSF PROPRIETE INTELLECTUELLE**; Dépt. Protection et Conseil, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).
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- (11) **WO 98/53356** (13) A1
(21) PCT/KR97/00088
(22) **19 May/mai 1997 (19.05.1997)**
(25) en (26) en
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **G02B 23/00, 27/08, 27/22**
(54) ● STEREO MULTIVISION SCOPE FOR SIGHT-SEEING CAPABLE OF CONTROLLING THE ROTATION OF BOTH LENS
● DISPOSITIF MULTIVISION STEREO POUR VOIR LE PAYSAGE, CAPABLE DE COMMANDER LA ROTATION DES DEUX LENTILLES
(71, 72) **SHIN, Suk, Kyun** [KR/KR]; 107-80, Hyunjuh-dong, Suhdaemoon-ku, Seoul 120-080 (KR).
- (74) **KIM, Jong, Yoon**; #509 Sung-Jee Heights III Building, 642-6, Yeoksam-dong, Kangnam-ku, 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 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 CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53357** (13) A1
(21) PCT/GB98/01366
(22) **14 May/mai 1998 (14.05.1998)**
(25) en (26) en
(31) 9710021.8 (32) **16 May/mai 1997 (16.05.1997)** (33) GB
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **G02B 26/10, 23/16**
(54) ● A METHOD OF REDUCING THE EFFECT OF A CONTAMINATED ENVIRONMENT
● PROCEDE DE REDUCTION DE L'ACTION D'UN ENVIRONNEMENT CONTAMINE
(71) **FUJIFILM ELECTRONIC IMAGING LIMITED** [GB/GB]; Fuji Film House, 125 Finchley Road, London NW3 6HY (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **WILKIE, Stuart** [GB/GB]; 66 Kingsland Road, Boxmoor, Hemel Hempstead, Herts HP1 1QD (GB). **COOPER, Alex, John** [GB/GB]; 16 Ryan Close, Sparcells, Swindon, Wiltshire SN5 9WA (GB).
- (74) **GILL JENNINGS & EVERY**; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/53358** (13) A1
(21) PCT/BE98/00065
(22) **12 May/mai 1998 (12.05.1998)**
(25) fr (26) fr
(31) 9700456 (32) **23 May/mai 1997 (23.05.1997)** (33) BE
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **G02B 27/22, 5/32**
(54) ● STEREOSCOPIC IMAGE PRODUCTION METHOD AND DEVICE FOR IMPLEMENTING SAME
● PROCEDE D'OBTENTION D'IMAGES EN RELIEF ET DISPOSITIF POUR LA MISE EN OEUVRE DE CE PROCEDE
(71, 72) **D'URSEL, Wauthier** [BE/BE]; Drève de Bonne Odeur 1, B-1170 Bruxelles (BE).
- (74) **CLAEYS, Pierre** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53359** (13) A1
(21) PCT/IB98/00726
(22) **14 May/mai 1998 (14.05.1998)**
(25) fr (26) fr
(31) 97/06406 (32) **20 May/mai 1997 (20.05.1997)** (33) FR
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **G02C 5/00**
(54) ● FRAME FOR SPECTACLES WITH ELEMENTS IN EXTRA-RESILIENT ALLOY

- MONTURE DE LUNETTES A ELEMENTS EN ALLIAGE SUPERELASTIQUE
- (71) **A. LU. TEC. ASSOCIATION LUNETIERE TECHNOLOGIQUE** [FR/FR]; 6, rue de l'Industrie, F-39400 Morez (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LARRUE, Denis** [FR/FR]; 82, Grande Rue, F-39400 Longchaumois (FR).
- (74) **CABINET MICHEL MOINAS**; 13, chemin du Levant, F-01210 Ferney-Voltaire (FR).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53360** (13) A1
(21) PCT/GB98/01466
(22) **21 May/mai 1998 (21.05.1998)**
(25) en (26) en
(31) 9710781.7 (32) **23 May/mai 1997 (23.05.1997)** (33) GB
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **G02C 7/04**
(54) ● DECENTERED BIFOCAL CONTACT LENSES
● LENTILLES DE CONTACT BIFOCALES EXCENTREES
- (71) **ASPECT VISION CARE LTD.** [GB/GB]; South Point, Hamble, Southampton SO31 4RF (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DE CARLE, John, Trevor** [GB/GB]; Lowicks House, Sandy Lane, Rusmoor, Tilford, Farnham, Surrey GU10 2EX (GB).
- (74) **WOODCRAFT, David, Charles**; Brookes & Martin, High Holborn House, 52/54 High Holborn, London WC1V 6SE (GB).
- (81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/53361** (13) A2
(21) PCT/US98/10281
(22) **19 May/mai 1998 (19.05.1998)**
(25) en (26) en
(31) 08/859,404 (32) **20 May/mai 1997 (20.05.1997)** (33) US
(31) 09/080,883 (32) **18 May/mai 1998 (18.05.1998)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **G02F**
(54) ● POLARIZABLE AMINES AND POLYIMIDES FOR OPTICAL ALIGNMENT OF LIQUID CRYSTALS
● AMINES ET POLYIMIDES POLARISABLES SERVANT A L'ALIGNEMENT OPTIQUE DE CRISTAUX LIQUIDES
- (71) **ALLIANT TECHSYSTEMS INC.** [US/US]; 600 Second Street, Hopkins, MN 55343-8384 (US).
- (72) **GIBBONS, Wayne, M.**; 15 Yosemite Drive, Bear, DE 19701 (US). **SHANNON, Paul, J.**; 503 Balderston Drive, Exton, PA 19341 (US). **ZHENG, Hanxing**; 1904 C Inglewood Road, Wilmington, DE 19803 (US).
- (74) **HUNTLEY, Donald, W.**; Huntley & Associates, 1105 North Market Street, P.O. Box 948, Wilmington, DE 19899-0948 (US).
- (81) JP KR.
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- (11) **WO 98/53362** (13) A2
(21) PCT/US98/10352
(22) **21 May/mai 1998 (21.05.1998)**
(25) en (26) en
(31) 08/862,649 (32) **23 May/mai 1997 (23.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **G02F**
(54) ● FABRICATION SYSTEM, METHOD AND APPARATUS FOR MICROELECTROMECHANICAL DEVICES
● SYSTEME, PROCEDE ET APPAREIL PERMETTANT DE FABRIQUER DES DISPOSITIFS MICROELECTROMECANQUES
- (71) **TINI ALLOY COMPANY** [US/US]; 1621 Neptune Drive, San Leandro, CA 94577 (US).
- (72) **JOHNSON, A., David**; 3001 Neptune Drive, San Leandro, CA 94577 (US). **BUSTA, Heinz, H.**; 2406 Hunters Glen Drive, Plainsboro, NJ 08536 (US). **NOWICKI, Ronald, S.**; 722 Kenley Way, Sunnyvale, CA 94087 (US).
- (74) **BACKUS, Richard, E.** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53363** (13) A1
(21) PCT/JP97/01742
(22) **23 May/mai 1997 (23.05.1997)**
(25) ja (26) ja
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **G02F 1/133, G09G 3/36**
(54) ● LIQUID CRYSTAL DRIVING METHOD AND LIQUID CRYSTAL DRIVER
● PROCEDE D'ATTAQUE DE CRISTAUX LIQUIDES ET ATTAQUEUR DE CRISTAUX LIQUIDES
- (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) **MIYABE, Kosei** [JP/JP]; Citizen Watch Co., Ltd. Tanashi Factory, 1-12, Honcho 6-chome, Tanashi-shi, Tokyo 188 (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) JP US.
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- (11) **WO 98/53364** (13) A1
(21) PCT/JP98/02200
(22) **19 May/mai 1998 (19.05.1998)**
(25) ja (26) ja
(31) 9/130093 (32) **20 May/mai 1997 (20.05.1997)** (33) JP
(31) 9/330619 (32) **1 Dec/déc 1997 (01.12.1997)** (33) JP
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **G02F 1/1333, 1/1335, G03B 21/00, G09F 9/00**
(54) ● LIGHT-MODULATING ELEMENT AND PROJECTION DISPLAY
● ELEMENT MODULATEUR DE LUMIERE ET ECRAN DE PROJECTION
- (71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HASHIZUME, Toshiaki** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 (JP). **HABA, Shinji** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 (JP).
- (74) **SUZUKI, Kisaburo** et al. / etc.; Seiko Epson Corporation, Intellectual Property Dept., 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 (JP).
- (81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/53365** (13) A1
(21) PCT/JP98/02201
(22) **19 May/mai 1998 (19.05.1998)**
(25) ja (26) ja
(31) 9/130093 (32) **20 May/mai 1997 (20.05.1997)** (33) JP
(31) 9/330619 (32) **1 Dec/déc 1997 (01.12.1997)** (33) JP
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **G02F 1/1333, 1/1335, G03B 21/00, G09F 9/00**
(54) ● LIGHT-MODULATING ELEMENT AND PROJECTION DISPLAY
● ELEMENT MODULATEUR DE LUMIERE ET ECRAN DE PROJECTION
- (71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HASHIZUME, Toshiaki** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 (JP). **HABA, Shinji** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 (JP). **FUJIMORI, Motoyuki** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 (JP).
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- (81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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 (21) PCT/FR98/01025
 (22) **20 May/mai 1998 (20.05.1998)**
 (25) fr (26) fr
 (31) 97/06330 (32) **23 May/mai 1997 (23.05.1997)** (33) FR
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **G02F 1/1335, G09G 3/20, 3/36**
 (54) ● METHOD FOR ENSURING THE OPERATIONAL SECURITY OF A LIQUID CRYSTAL DISPLAY
 ● PROCEDE DE SECURISATION D'UN AFFICHEUR A CRISTAL LIQUIDE
 (71) **SEXTANT AVIONIQUE** [FR/FR]; Aérodrome de Villacoublay, F-78240 Vélizy-Villacoublay (FR). (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **VOISIN, Gérard** [FR/FR]; Thomson-CSF Propriété Intellectuelle, Dépt. Protection et Conseil, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR). **PERNIA, Olivier** [FR/FR]; Thomson-CSF Propriété Intellectuelle, Dépt. Protection et Conseil, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).
 (74) **THOMSON-CSF PROPRIETE INTELLECTUELLE**; Dépt. Protection et Conseil, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).
 (81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/53367** (13) A1
 (21) PCT/US98/10570
 (22) **21 May/mai 1998 (21.05.1998)**
 (25) en (26) en
 (31) 60/047,344 (32) **21 May/mai 1997 (21.05.1997)** (33) US
 (31) Not furnished / non communiqué (32) **19 May/mai 1998 (19.05.1998)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **G02F 1/225**
 (54) ● ELECTRO-OPTIC MODULATOR WITH IMPROVED HARMONIC PERFORMANCE
 ● MODULATEUR ELECTRO-OPTIQUE PRESENTANT UNE MEILLEURE QUALITE DES HARMONIQUES
 (71) **KESTREL SOLUTIONS, INC.** [US/US]; 2370 Charleston Road, Mountain View, CA 94043 (US).
 (72) **COWARD, James, F.**; 760A Portola Street, San Francisco, CA 94129 (US). **YEE, Ting, K.**; 348 Dolphin Isle, Foster City, CA 94404 (US). **CHANG, Peter**; 1232 Donington Drive, San Jose, CA 95129 (US). **KOU, Abraham**; 2701 S.E. 50th Street, Mercer Island, WA 98040 (US).
 (74) **FARN, Michael, W.** et al. / etc.; Fenwick & West LLP, 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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 (21) PCT/US98/08624
 (22) **29 Apr/avr 1998 (29.04.1998)**
 (25) en (26) en
 (31) 08/862,803 (32) **23 May/mai 1997 (23.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **G03F 3/10**
 (54) ● AQUEOUS DEVELOPABLE COLOR PROOFING ELEMENTS
 ● ELEMENTS AQUEUX DEVELOPPABLES POUR ESSAIS-COULEURS
 (71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
 (72) **SMITH, Gordon, Christopher**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **BARJESTEH, Hamid**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
 (74) **HORNICKEL, John, H.**; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US) et al. / etc.
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/53369** (13) A1
 (21) PCT/US98/09745
 (22) **12 May/mai 1998 (12.05.1998)**
 (25) en (26) en
 (31) 08/862,809 (32) **23 May/mai 1997 (23.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **G03F 7/029, C07D 251/22, 409/06, 251/24**
 (54) ● IONIC HALOMETHYL-1,3,5-TRIAZINE PHOTOINITIATORS
 ● PHOTOAMORCEURS IONIQUES D'HALOMETHYL-1,3,5-TRIAZINE
 (71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
 (72) **BONHAM, James, Alan**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
 (74) **HORNICKEL, John, H.**; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US) et al. / etc.
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/53370** (13) A1
 (21) PCT/US98/10247
 (22) **19 May/mai 1998 (19.05.1998)**
 (25) en (26) en
 (31) 60/047,035 (32) **19 May/mai 1997 (19.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **G03F 7/20, 7/18, 7/24**
 (54) ● PRINTING PLATE AND METHOD OF MAKING USING DIGITAL IMAGING PHOTOPOLYMERIZATION
 ● PLAQUE D'IMPRESSON ET PROCEDE DE FABRICATION DE CETTE PLAQUE PAR PHOTOPOLYMERISATION D'IMAGERIE NUMERIQUE
 (71) **DAY INTERNATIONAL, INC.** [US/US]; 130 West Second Street, Dayton, OH 45401 (US).
 (72) **MCLEAN, Michael, E.**; 104 Springbrook Farms, Waynesville, NC 28786 (US). **WOLTERS, Dennis, R.**; 2518 Fairmont, Dayton, OH 45419 (US). **BOHNSTADT, Allen**; 106 Hickory Lane, Mauldin, SC 29662 (US).
 (74) **HAGAN, Timothy, W.** et al. / etc.; Killworth, Gottman, Hagan & Schaeff, L.L.P., One Dayton Centre, Suite 500, One South Main Street, Dayton, OH 45402-2023 (US).
 (81) AU BR CA CN JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/53371** (13) A1
 (21) PCT/US98/10051
 (22) **15 May/mai 1998 (15.05.1998)**
 (25) en (26) en
 (31) 08/861,285 (32) **21 May/mai 1997 (21.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **G03F 7/26, G03C 1/785**
 (54) ● RELEASABLE PHOTOPOLYMER PRINTING PLATE AND METHOD OF FORMING SAME
 ● PLANCHE D'IMPRESSON PHOTOPOLYMERE DETACHABLE ET SON PROCEDE DE FABRICATION
 (71) **IDENTITY GROUP, INC.** [US/US]; 1480 Gould Drive, Cookeville, TN 38506 (US).
 (72) **VENKATARAMAN, Ravi**; 1763 Timber Trail, Cookeville, TN 38501 (US).
 (74) **MILLER, Raymond, A.**; Reed Smith Shaw & McClay, P.O. Box 488, Pittsburgh, PA 15230 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/53372** (13) A1
 (21) PCT/EP98/02727
 (22) **11 May/mai 1998 (11.05.1998)**
 (25) de (26) de

- (31) 197 21 626.9 (32) **23 May/mai 1997** (33) DE (23.05.1997)
- (31) 198 07 634.7 (32) **23 Feb/fév 1998** (33) DE (23.02.1998)
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G03G 9/113**
- (54) ● COATED PARTICLES
● PARTICULES ENDUITES
- (71) **AGFA GEVAERT AG** [DE/DE]; Kaiser-Wilhelm-Allee, D-51373 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MAGER, Michael** [DE/DE]; Grunewaldstrasse 12, D-51375 Leverkusen (DE). **EICKMANS, Johannes** [NL/DE]; Robert-Koch-Strasse 3, D-42781 Krefeld (DE). **BELLINGHAUSEN, Rainer** [DE/DE]; Ahornstrasse 12, D-29629 Bomlitz (DE). **TAVERNIER, Serge** [BE/BE]; Bouwenstraat 40, B-2547 Lint (BE). **VOETS, Raf** [BE/BE]; Rijkenshoekstraat 4, B-3191 Hever (BE).
- (74) **AGFA GEVAERT AG**; Kaiser-Wilhelm-Allee, D-51373 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53373** (13) A1
- (21) PCT/JP98/02236
- (22) **21 May/mai 1998** (21.05.1998)
- (25) ja (26) ja
- (31) 9/132158 (32) **22 May/mai 1997** (33) JP (22.05.1997)
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G04B 19/06**
- (54) ● DISPLAY PLATE FOR TIMEPIECES AND METHOD FOR FABRICATING THE SAME
● CADRAN DE DISPOSITIFS D'HORLOGERIE ET PROCEDE DE FABRICATION
- (71) **CITIZEN WATCH CO., LTD.** [JP/JP]; 1-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 163-0428 (JP). **YAMAMOTO MFG. CO., LTD.** [JP/JP]; 4-4, Shimizu-cho, Itabashi-ku, Tokyo 174-8666 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YAMAGUCHI, Katsuyuki** [JP/JP]; 21-3, Yamato-cho, Itabashi-ku, Tokyo 173-0012 (JP). **TAMARU, Katsuaki** [JP/JP]; 19-7, Higashifujisawa 8-chome, Iruma-shi, Saitama 358-0012 (JP). **IKEBUCHI, Hiroshi** [JP/JP]; 1414, Kizuki, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0025 (JP).
- (74) **SUZUKI, Shunichiro**; Suzuki & Associates, Gotanda Yamazaki Building 6F, 13-6, Nishigotanda 7-chome, Shinagawa-ku, Tokyo 141-0031 (JP).
- (81) CN JP KR US; EP (CH DE GB IT).
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- (11) **WO 98/53374** (13) A1
- (21) PCT/EP98/01108
- (22) **27 Feb/fév 1998** (27.02.1998)
- (25) de (26) de
- (31) 197 20 618.2 (32) **16 May/mai 1997** (33) DE (16.05.1997)
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G05B 9/03**
- (54) ● MICROPROCESSOR SYSTEM FOR AUTOMOBILE CONTROL SYSTEMS
● SYSTEME DE MICROPROCESSEUR POUR SYSTEMES DE REGULATION DE VEHICULES AUTOMOBILES
- (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) **GIERS, Bernhard** [DE/DE]; Kaiser-Sigmund-Strasse 60, D-60320 Frankfurt am Main (DE).
- (74) **BLUM, K.-D.** et al. / etc.; 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 98/53375** (13) A1
- (21) PCT/EP98/02807
- (22) **13 May/mai 1998** (13.05.1998)
- (25) de (26) de
- (31) 197 20 517.8 (32) **16 May/mai 1997** (33) DE (16.05.1997)
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G05B 19/042**
- (54) ● METHOD AND DEVICE FOR GENERATING AND EMITTING A SECONDARY MESSAGE IN DEPENDENCE ON A SELECTIVELY CAPTURED PRIMARY MESSAGE
● PROCEDE ET DISPOSITIF POUR LA GENERATION ET L'EMISSON D'UN MESSAGE SECONDAIRE EN FONCTION D'UN MESSAGE PRIMAIRE ENREGISTRE SELECTIVEMENT
- (71) **GERT FISCHER GMBH** [DE/DE]; Neusser Strasse 56, D-41564 Kaarst (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FISCHER, Gert** [DE/DE]; Neusser Strasse 56, D-41564 Kaarst (DE).
- (74) **SCHMIDT, Frank-Michael**; Huyssenallee 58-64, D-45128 Essen (DE) et al. / etc.
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/53376** (13) A1
- (21) PCT/IL98/00163
- (22) **2 Apr/avr 1998** (02.04.1998)
- (25) en (26) en
- (31) 120889 (32) **22 May/mai 1997** (33) IL (22.05.1997)
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G05B 19/423**
- (54) ● METHOD AND APPARATUS FOR THE DIRECT TEACHING OF AUTOMATIC MACHINES
● PROCEDE ET APPAREIL D'APPRENTISSAGE DIRECT DE MACHINES AUTOMATIQUES
- (71) **ESHED ROBOTEC (1982) LTD.** [IL/IL]; P.O. Box 13234, 61131 Tel Aviv (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VILLARET, Yves** [IL/IL]; 10/4 Hakinor Street, 38510 Hadera (IL).
- (74) **LUZZATTO, Kfir** et al. / etc.; Luzzatto & Luzzatto, P.O. Box 5352, 84152 Beer-Sheva (IL).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (21) PCT/DE98/01403
- (22) **14 May/mai 1998** (14.05.1998)
- (25) de (26) de
- (31) 197 22 937.9 (32) **23 May/mai 1997** (33) DE (23.05.1997)
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G05D 13/62**
- (54) ● ADJUSTMENT SYSTEM AND METHOD FOR ADJUSTING OPERATING SPEEDS IN WOOD PROCESSING
● SYSTEME ET PROCEDE POUR LA REGULATION DE VITESSES DE TRAVAIL DANS LE TRAVAIL DU BOIS
- (71) **INTERHOLZ TECHNIK GMBH** [DE/DE]; Weißenlenstrasse 11, D-76108 Freiburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HERBERTH, Peter** [DE/DE]; Ignatz-Bruder-Strasse 3-74, D-79813 Waldkirch (DE). **JÄGER, Werner** [DE/DE]; Albert-Stehlin-Strasse 6, D-79365 Rheinhausen II (DE).
- (74) **PATENTANWÄLTE MAIKOWSKI & NINNE-MANN**; Xantener Strasse 10, D-10707 Berlin (DE).
- (81) BR CA CZ JP PL SK US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/53378** (13) A1
- (21) PCT/US98/10484
- (22) **22 May/mai 1998** (22.05.1998)
- (25) en (26) en
- (31) 60/047,532 (32) **23 May/mai 1997** (33) US (23.05.1997)
- (31) 09/081,156 (32) **18 May/mai 1998** (33) US (18.05.1998)
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G05F 1/613**
- (54) ● MONOLITHIC DC TO DC CONVERTER
● CONVERTISSEUR CONTINU-CONTINU MONOLITHIQUE
- (71) **THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS** [US/US]; 352 Henry Administration Building, 506 South Wright Street, Urbana, IL 61801 (US).
- (72) **SHENAI, Krishna**; 2259 Palmer Circle, Naperville, IL 60564 (US). **TRIVEDI, Malay**; 1030 South May Street Garden, Chicago, IL 60607 (US).
- (74) **GAMSON, Edward, P.** et al. / etc.; Welsh & Katz, Ltd., 22nd floor, 120 South Riverside Plaza, Chicago, IL 60606 (US).
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- (11) **WO 98/53379** (13) A1
 (21) PCT/SE98/00969
 (22) **20 May/mai 1998 (20.05.1998)**
 (25) sv (26) en
 (31) 9701883-2 (32) **20 May/mai 1997 (20.05.1997)** (33) SE
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **G05G 1/06**
 (54) ● ERGONOMICALLY SHAPED LEVER FOR INITIATING MOVEMENTS IN MOBILE OR STATIONARY VEHICLES
 ● LEVIER ERGONOMIQUE PERMETTANT D'INITIER DES MOUVEMENTS DANS DES VEHICULES EN DEPLACEMENT ET A L'ARRET
 (71) **PARKER HANNIFIN AB** [SE/SE]; S-501 78 Borås (SE).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **GUSTAFSSON, Hans** [SE/SE]; Trandaredsgatan 10, S-507 62 Borås (SE).
 (74) **GRAUDUMS, Valdis** et al. / etc.; Albiņns Patentbyrå Göteborg 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 GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/53380** (13) A1
 (21) PCT/GB98/01081
 (22) **14 Apr/avr 1998 (14.04.1998)**
 (25) en (26) en
 (31) 9710576.1 (32) **22 May/mai 1997 (22.05.1997)** (33) GB
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **G05G 1/14**
 (54) ● CONTROL PEDAL
 ● PEDALE DE COMMANDE
 (71) **DRAFTEX INDUSTRIES LIMITED** [GB/GB]; 7 Castle Street, Edinburgh EH2 3AP (GB).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **BURSTERT, Pierre** [FR/FR]; 25, rue Paul Vaillant-Couturier, F-51100 Reims (FR). **COLLIGNON, Pascal** [FR/FR]; 3, rue Ernest Lemoine, F-44420 Witry-lès-Reims (FR).
 (74) **MATHISEN, MACARA & CO.**; The Coach House, 6-8 Swakeleys Road, Ickenham, Uxbridge UB10 8BZ (GB).
 (81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/53381** (13) A1
 (21) PCT/JP98/01615
 (22) **8 Apr/avr 1998 (08.04.1998)**
 (25) ja (26) ja
 (31) 9/148669 (32) **22 May/mai 1997 (22.05.1997)** (33) JP

- (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **G05G 1/24**
 (54) ● OPERATING DEVICE
 ● DISPOSITIF D'ACTIONNEMENT
 (71) **SHIN CATERPILLAR MITSUBISHI LTD.** [JP/JP]; 10-1, Yoga 4-chome, Setagaya-ku, Tokyo 158-0097 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **IMANO, Toru** [JP/JP]; Shin Caterpillar Mitsubishi Ltd., 10-1, Yoga 4-chome, Setagaya-ku, Tokyo 158-0097 (JP). **AKAHANE, Eiji** [JP/JP]; Shin Caterpillar Mitsubishi Ltd., 10-1, Yoga 4-chome, Setagaya-ku, Tokyo 158-0097 (JP).
 (74) **HIROSE, Tetsuo**; Shobido Building 703, 2-23, Kandajinbo-cho, Chiyoda-ku, Tokyo 101-0051 (JP).
 (81) AU CA CN KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/53382** (13) A2
 (21) PCT/US98/10099
 (22) **18 May/mai 1998 (18.05.1998)**
 (25) en (26) en
 (31) 60/047,143 (32) **20 May/mai 1997 (20.05.1997)** (33) US
 (31) 09/021,202 (32) **10 Feb/fév 1998 (10.02.1998)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **G06F**
 (54) ● TESTING THE INTEGRITY OF AN ELECTRICAL CONNECTION TO A DEVICE USING AN ONBOARD CONTROLLABLE SIGNAL SOURCE
 ● CONTROLE DE L'INTEGRITE D'UNE CONNEXION ELECTRIQUE A UN DISPOSITIF AU MOYEN D'UNE SOURCE DE SIGNAUX REGLABLE INCORPOREE

- (71) **HAYES MICROCOMPUTER PRODUCTS, INC.** [US/US]; 5854 Peachtree Corners East, Norcross, GA 30092 (US).
 (72) **BROOKS, Leslie, Mayes**; 1259 Chesapeake Drive, S.W., Lilburn, GA 30047 (US).
 (74) **GARRETT, Arthur, S.** et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/53383** (13) A1
 (21) PCT/SE98/00936
 (22) **19 May/mai 1998 (19.05.1998)**
 (25) sv (26) en
 (31) 9701895-6 (32) **21 May/mai 1997 (21.05.1997)** (33) SE
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **G06F 1/00, 13/00**

- (54) ● METHOD AND APPARATUS FOR VISUALIZING THE FEATURES/PROGRAMS THAT HAVE BEEN USED IN A COMPUTER SYSTEM BY MEANS OF LOG FILES
 ● PROCEDE ET APPAREIL DE VISUALISATION DES FONCTIONS/PROGRAMMES AYANT ETE UTILISES DANS UN SYSTEME INFORMATIQUE AU MOYEN DE FICHIERS D'ENREGISTREMENT
 (71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).
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 (72, 75) **CARLSUND, Peter** [SE/SE]; Lilla Sällskapets väg 75, S-127 61 Skärholmen (SE).
 (74) **HERBJØRNSSEN, Rut** et al. / etc.; Albiņns Patentbyrå Stockholm 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/53384** (13) A1
 (21) PCT/SE98/00948
 (22) **20 May/mai 1998 (20.05.1998)**
 (25) en (26) en
 (31) 9701894-9 (32) **21 May/mai 1997 (21.05.1997)** (33) SE
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **G06F 1/00, 13/00**
 (54) ● METHOD AND APPARATUS FOR ACTIVATING PROGRAMS/FEATURES IN A COMPUTER
 ● PROCEDE ET APPAREIL D'ACTIVATION DE PROGRAMMES/FONCTIONS DANS UN ORDINATEUR
 (71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **CARLSUND, Peter** [SE/SE]; Lilla Sällskapets väg 75, S-127 61 Skärholmen (SE).
 (74) **HERBJØRNSSEN, Rut** et al. / etc.; Albiņns Patentbyrå Stockholm 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/53385** (13) A1
 (21) PCT/US98/09034
 (22) **8 May/mai 1998 (08.05.1998)**
 (25) en (26) en
 (31) 60/047,246 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(31) 09/022,053 (32) **11 Feb/fév 1998** (33) US
(11.02.1998)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G06F 1/00**

- (54) ● SYSTEM AND METHOD FOR USING A SECOND RESOURCE TO STORE A DATA ELEMENT FROM A FIRST RESOURCE IN A FIRST-IN LAST-OUT STACK
- SYSTEME ET PROCEDE SERVANT A UTILISER UNE DEUXIEME RESSOURCE AFIN DE MEMORISER UN ELEMENT DE DONNEES DEPUIS UNE PREMIERE RESSOURCE DANS UNE PILE PREMIER ENTRE DERNIER SORTI

(71) **AT & T CORP.** [US/US]; 32 Avenue of the Americas, New York, NY 10013-2412 (US).

(72) **DEVANBU, Premkumar, Thomas**; 170 Willow Avenue Ext., North Plainfield, NJ 07063 (US). **STUBBLEBINE, Stuart, Gerald**; 4 Knox Lane, Lebanon, NJ 08833 (US).

(74) **DWORETSKY, Samuel, H.** et al. / etc.; AT & T Corp., P.O. Box 4110, Middletown, NJ 07748 (US).

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

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(11) **WO 98/53386** (13) A1

(21) PCT/US98/09740

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(31) 60/047,246 (32) **21 May/mai 1997** (33) US
(21.05.1997)

(31) 09/022,046 (32) **11 Feb/fév 1998** (33) US
(11.02.1998)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G06F 1/00**

- (54) ● SYSTEM AND METHOD FOR USING A SECOND RESOURCE TO STORE A DATA ELEMENT FROM A FIRST RESOURCE IN A FIRST-IN FIRST-OUT QUEUE
- SYSTEME ET PROCEDE PERMETTANT DE STOCKER UN ELEMENT DE DONNEE PROVENANT D'UNE PREMIERE RESSOURCE DANS UNE LISTE DIRECTE D'UNE DEUXIEME RESSOURCE

(71) **AT & T CORP.** [US/US]; 32 Avenue of the Americas, New York, NY 10013-2412 (US).

(72) **DEVANBU, Premkumar, Thomas**; 170 Willow Avenue Ext., North Plainfield, NJ 07063 (US). **STUBBLEBINE, Stuart, Gerald**; 4 Knox Lane, Lebanon, NJ 08833 (US).

(74) **DWORETSKY, Samuel, H.** et al. / etc.; AT & T Corp., P.O. Box 4110, Middletown, NJ 07748 (US).

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

(11) **WO 98/53387** (13) A1

(21) PCT/US98/09969

(22) **18 May/mai 1998 (18.05.1998)**

(25) en (26) en

(31) 60/047,235 (32) **20 May/mai 1997** (33) US
(20.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G06F 1/00**

(54) ● SELF-POLICING, RATE LIMITING ONLINE FORUMS

- FORUMS DE DISCUSSION EN LIGNE A AUTO-CONTROLE ET A LIMITATION AUTOMATIQUE DE LA FREQUENCE D'ENVOI

(71) **AMERICA ONLINE, INC.** [US/US]; 22000 AOL Way, Dulles, VA 20166 (US).

(72) **MORRIS, Harry, W.**; Apartment F, 1719 Ascot Way, Reston, VA 20190 (US). **BOSCO, Eric**; 2430 13th Court N., Arlington, VA 22201 (US). **LIPPKE, David, Lowell**; 1441 Kingsvale Circle, Herndon, VA 20170 (US). **STEELE, Colin, Anthony**; 635 Cobbler Terrace, Leesburg, VA 20175 (US).

(74) **PHILLIPS, John, C.**; Fish & Richardson P.C., 601 Thirteenth Street, N.W., Washington, DC 20005 (US).

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

(11) **WO 98/53388** (13) A1

(21) PCT/GB98/01404

(22) **15 May/mai 1998 (15.05.1998)**

(25) en (26) en

(31) 9709966.7 (32) **17 May/mai 1997** (33) GB
(17.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G06F 1/16, H04N 5/64**

- (54) ● HOOD ASSEMBLY
- ENSEMBLE CAPOT

(71) **VILLAGE TIMES LIMITED** [GB/GB]; Birch Croft, Pinelands Road, Chilworth, Southampton, Hampshire SO1 7HH (GB).
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(72, 75) **CHIPPERFIELD, John** [GB/GB]; Birch Croft, Pinelands Road, Chilworth, Southampton, Hampshire SO1 7HH (GB).

(74) **BARKER BRETTELL**; Medina Chambers, Town Quay, Southampton SO14 2AQ (GB).

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

(11) **WO 98/53389** (13) A1

(21) PCT/US98/09983

(22) **15 May/mai 1998 (15.05.1998)**

(25) en (26) en

(31) 08/861,799 (32) **22 May/mai 1997** (33) US
(22.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G06F 1/32, 3/033**

- (54) ● ADAPTIVE SAMPLING OF TOUCH SCREEN INPUT
- ECHANTILLONNAGE ADAPTATIF D'UNE ENTREE PAR ECRAN TACTILE

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **MILLER, Brian, David**; 1005 Urban Avenue, Durham, NC 27701 (US). **MORRIS, Joseph, Norman**; 5404 Hideaway Drive, Chapel Hill, NC 27516 (US). **MOON, Billy, Gayle**; 305 Parkbranch Lane, Apex, NC 27502 (US).

(74) **SAMRA, Robert, A.**; Samra & Associates, Suite 520, 750 N. St. Paul Street, Dallas, TX 75201 (US).

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

(11) **WO 98/53390** (13) A1

(21) PCT/EP98/02743

(22) **11 May/mai 1998 (11.05.1998)**

(25) de (26) de

(31) 197 20 785.5 (32) **17 May/mai 1997** (33) DE
(17.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G06F 3/033**

- (54) ● CAMERA SYSTEM
- SYSTEME DE PRISE DE VUES

(71) **DEUTSCHE TELEKOM AG** [DE/DE]; Friedrich-Ebert-Allée 140, D-53113 Bonn (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOOPS, Hans, Wilfried, Peter** [DE/DE]; Ernst-Ludwig-Strasse 16, D-64372 Ober-Ramstadt (DE). **HOINKIS, Ottmar** [DE/DE]; Ringstrasse 91, D-64297 Darmstadt (DE).

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

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(11) **WO 98/53391** (13) A2

(21) PCT/IB98/00679

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(25) en (26) en

(31) 08/858,603 (32) **16 May/mai 1997** (33) US
(16.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G06F 3/14**

- (54) ● SPATIAL BROWSING APPROACH TO MULTIMEDIA INFORMATION RETRIEVAL
- APPROCHE DE NAVIGATION SPATIALE POUR LE RAPATRIEMENT D'INFORMATIONS MULTIMEDIA

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

(71) **PHILIPS AB** [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **NIKOLOVSKA, Lira**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **MARTINO, Jacquelyn**; 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 CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/53392** (13) A1
- (21) PCT/US98/10025
- (22) **14 May/mai 1998 (14.05.1998)**
- (25) en (26) en
- (31) 08/864,878 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G06F 3/16**

- (54) ● SOUND AUTHORIZING SYSTEM AND METHOD FOR SILENT APPLICATION
- SYSTEME DE CREATION SONORE ET PROCEDE D'APPLICATION SILENCIEUSE
- (71) **THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS** [US/US]; 506 South Wright Street, 352 Henry Administration Building, Urbana, IL 61801 (US).

- (72) **BARGAR, Robin**; 2019 Burlison Drive, Urbana, IL 61801 (US). **CHOI, Insook**; 2019 Burlison Drive, Urbana, IL 61801 (US).

- (74) **FALLON, Steven, P.**; Greer, Burns & Crain, Ltd., Sears Tower, Suite 8660, 233 South Wacker Drive, Chicago, IL 60606 (US).

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

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- (11) **WO 98/53393** (13) A1
- (21) PCT/US98/09033
- (22) **7 May/mai 1998 (07.05.1998)**
- (25) en (26) en
- (31) 08/862,648 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G06F 5/01, H04B 1/00**

- (54) ● DATA STREAM PROCESSING ON NETWORKED COMPUTER SYSTEM LACKING FORMAT-SPECIFIC DATA PROCESSING RESOURCES
- TRAITEMENT DE FLUX DE DONNEES DANS UN SYSTEME INFORMATIQUE CONNECTE A UN RESEAU MANQUANT DE RESSOURCES DE TRAITEMENT DE DONNEES A FORMAT SPECIFIQUE

- (71) **ADOBE SYSTEMS INCORPORATED** [US/US]; 345 Park Avenue, San Jose, CA 95110 (US).

- (72) **RAMAN, T., V.**; 345 Park Avenue, San Jose, CA 95110 (US).

- (74) **BOROVYOY, Roger, S.**; Fish & Richardson P.C., Suite 100, 2200 Sand Hill Road, Menlo Park, CA 94025 (US).

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

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- (11) **WO 98/53394** (13) A1
- (21) PCT/US98/10726
- (22) **21 May/mai 1998 (21.05.1998)**

- (25) en (26) en
- (31) 08/863,050 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G06F 9/312, H04L 12/24, 12/46**

- (54) ● METHOD OF ROUTING AND MULTIPLEXING DEMANDS IN A TELECOMMUNICATIONS NETWORK
- PROCEDE D'ACHEMINEMENT ET DE MULTIPLEXAGE DE DEMANDES DANS UN RESEAU DE TELECOMMUNICATIONS

- (71) **MCI COMMUNICATIONS CORPORATION** [US/US]; 1133 19th Street, N.W., Washington, DC 20036 (US).

- (72) **NATHAN, Sridhar, S.**; 716 Sunkist Lane, Plano, TX 75025 (US). **SOFMAN, Lev, B.**; 790 Pierre Lane, Plano, TX 75023 (US).

- (74) **JOBE, Jonathan, E., Jr.**; Thompson & Knight, P.C., Suite 3300, 1700 Pacific Avenue, Dallas, TX 75201-4693 (US).

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

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- (11) **WO 98/53395** (13) A1
- (21) PCT/DE98/01275
- (22) **7 May/mai 1998 (07.05.1998)**
- (25) de (26) de
- (31) 197 21 089.9 (32) **20 May/mai 1997 (20.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G06F 9/42, 9/46**

- (54) ● RISC PROCESSOR
- PROCESEUR RISC

- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
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- (72, 75) **HAAS, Peter** [DE/DE]; Dr.-Hartlaub-Ring 25/V, D-85570 Markt Schwaben (DE).

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

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- (11) **WO 98/53396** (13) A1
- (21) PCT/US98/09517
- (22) **13 May/mai 1998 (13.05.1998)**
- (25) en (26) en
- (31) 08/859,825 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G06F 9/44**

- (54) ● DISTRIBUTED HELP DESK SYSTEM AND METHOD
- SYSTEME ET PROCEDE POUR SERVICE D'ASSISTANCE REPARTI

- (71) **ELECTRONIC DATA SYSTEMS CORPORATION** [US/US]; 5400 Legacy Drive, M/S H3-3A-05, Plano, TX 75024 (US).

- (72) **TOPPF, Guido, E., J.**; Putrand 4, B-2288 Grobendonk (BE). **VANKRUNKELSVEN, Eric**; Malisgoed 14, B-2610 Wilrijk (BE). **O'FLAHERTY, Ann, Marie**; 42 Delaney Park, Dublin Hill, Cork (IE).

- (74) **GRIEBENOW, L., Joy**; Electronic Data Systems Corporation, 5400 Legacy Drive, H3-3A-05, Plano, TX 75024 (US).

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

- (11) **WO 98/53397** (13) A1
- (21) PCT/US98/08784
- (22) **29 Apr/avr 1998 (29.04.1998)**
- (25) en (26) en
- (31) 08/861,177 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G06F 9/445**

- (54) ● PUSH DEPLOYMENT OF SOFTWARE PACKAGES USING NOTIFICATION TRANSPORTS
- MISE EN PLACE PAR TELECHARGEMENT DES PROGICIELS AVEC UTILISATION DE TRANSPORTS DE NOTIFICATION

- (71) **SYMANTEC CORPORATION** [US/US]; 10201 Torre Avenue, Cupertino, CA 95014 (US).

- (72) **SADOWSKY, Richard**; 4873 Tampico Way, San Jose, CA 95118 (US).

- (74) **RADLO, Edward, J.** et al. / etc.; Fenwick & West LLP, Two Palo Alto Square, Palo Alto, CA 94306 (US).

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

- (11) **WO 98/53398** (13) A1
- (21) PCT/US98/10076
- (22) **16 May/mai 1998 (16.05.1998)**
- (25) en (26) en
- (31) 08/858,095 (32) **17 May/mai 1997 (17.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G06F 9/445, 9/45**

- (54) ● JAVA VIRTUAL MACHINE EXTENSION FOR INSTANTIATING OBJECTS
- EXTENSION POUR MACHINE VIRTUELLE JAVA PERMETTANT D'INSTANCIER DES OBJETS

- (71) **INTERTOP CORPORATION** [US/US]; Suite A, 12950 Saratoga Avenue, Saratoga, CA 95070 (US).

- (72) **LI, Shih-Gong**; 953 Yarmouth Way, San Jose, CA 95120 (US). **SHEN, Yun-Yong**; 1573 Walkingshaw Way, San Jose, CA 95132 (US). **TIEN, Sing-Ban, Robert**; 19070 Dagmar Drive, Saratoga, CA 95070 (US). **TSAL, Tu-Hsin**; 12386 Sheridan Avenue, Saratoga, CA 95070 (US). **YANG, Ching-Yun**; 971 Marlinton Court, San Jose, CA 95120 (US).

- (74) **LIN, Bo-In**; 13445 Mandoli Drive, Los Altos Hills, CA 94022 (US).

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(31) 97303472.1 (32) **21 May/mai 1997 (21.05.1997)** (33) EP
(34) GB et al. / etc.
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **G06F 11/00, H04L**
(54) ● OPERATIONAL ANALYSIS OF SOFTWARE-CONTROLLED SYSTEMS
● ANALYSE OPERATIONNELLE POUR SYSTEMES COMMANDES PAR LOGICIELS
(71) **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY** [GB/GB]; 81 Newgate Street, London EC1A 7AJ (GB).
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(72, 75) **UTTON, Peter, Covington** [GB/GB]; Tavern House, Station Road, Bentley, Ipswich IP9 2DB (GB). **AKEHURST, David, Hesketh** [GB/GB]; 28 Cherry Garden Road, Canterbury, Kent CT2 8EP (GB). **SYMES, Andrew, John** [GB/GB]; 110 Tennyson Avenue, Canterbury, Kent CT1 1ER (GB). **JOHNSON, Adrian** [GB/GB]; "Kelvindale", Heath Ride, Wokingham, Berkshire RG40 3QE (GB). **BOULTON, David** [GB/GB]; 45 Alfred Road, Kingston, Surrey KT1 2TZ (GB).
(74) **DUTTON, Erica, Lindley, Graham**; 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53400** (13) A1
(21) PCT/US98/09887
(22) **14 May/mai 1998 (14.05.1998)**
(25) en (26) en
(31) 08/858,231 (32) **19 May/mai 1997 (19.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **G06F 11/14**
(54) ● APPARATUS AND METHOD FOR BACKUP OF A DISK STORAGE SYSTEM
● APPAREIL ET PROCEDE DE SECOURS DE SYSTEME DE MEMOIRE A DISQUE
(71) **DATA GENERAL CORPORATION** [US/US]; 4400 Computer Drive, Westboro, MA 01580 (US).
(72) **CLIFTON, Richard, J.**; 108 Turnberry Lane, Cary, NC 27511 (US). **CHATTERJEE, Sanjoy**; 2209 Millpine Drive, Raleigh, NC 27614 (US). **LARSON, John, P.**; 111 Bristol Drive, Chapel Hill, NC 27516 (US). **RICHART, Joseph, R.**; 6746 Queen Anne's Drive, Raleigh, NC 27613 (US). **SAGAN, Cyril, E.**; 3328 Boulder Court, Raleigh, NC 27607 (US).
(74) **DULANEY, Robert, L.**; Data General Corporation, 4400 Computer Drive, Westboro, MA 01580 (US).
(81) AU CA IL JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
(11) **WO 98/53401** (13) A1
(21) PCT/US98/10301
(22) **20 May/mai 1998 (20.05.1998)**
(25) en (26) en
(31) 60/047,610 (32) **23 May/mai 1997 (23.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **G06F 11/20**
(54) ● REDUNDANCY CIRCUITRY FOR PROGRAMMABLE LOGIC DEVICES WITH INTERLEAVED INPUT CIRCUITS
● CIRCUITS REDONDANTS POUR DISPOSITIFS A LOGIQUE PROGRAMMABLE A CIRCUITS D'ENTREE ENTRELACES
(71) **ALTERA CORPORATION** [US/US]; 101 Innovation Drive, San Jose, CA 95134 (US).
(72) **JEFFERSON, David, E.**; 123 Winsted Court, San Jose, CA 95139 (US). **REDDY, Srinivas, T.**; 2289 Camellia Court, Fremont, CA 94539 (US).
(74) **JACKSON, Robert, R.** et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).
(81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/53402** (13) A1
(21) PCT/JP98/01023
(22) **11 Mar/mar 1998 (11.03.1998)**
(25) ja (26) ja
(31) 9/128304 (32) **19 May/mai 1997 (19.05.1997)** (33) JP
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **G06F 12/14, G06K 19/073**
(54) ● IC CARD AND IC CHIP MODULE
● CARTE A PUCE ET PUCE
(71) **ROHM CO., LTD.** [JP/JP]; 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585 (JP).
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(72, 75) **IKEFUJI, Yoshihiro** [JP/JP]; Rohm Co., Ltd., 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585 (JP). **OKADA, Hiroharu** [JP/JP]; Rohm Co., Ltd., 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585 (JP).
(74) **FUKAMI, Hisao** et al. / etc.; Sumitomo Bank Minamimori-machi Building, 1-29, Minamimori-machi 2-chome, Kita-ku, Osaka-shi, Osaka 530-0054 (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 98/53403** (13) A1
(21) PCT/KR97/00086
(22) **17 May/mai 1997 (17.05.1997)**
(25) en (26) en
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **G06F 12/14**
(54) ● PROTECTION METHOD AND APPARATUS FOR COPYRIGHT OF PROGRAMS
● PROCEDE ET APPAREIL DE PROTECTION DE PROGRAMME PAR LE DROIT D'AUTEUR
(71, 72) **KIM, Young, Jin** [KR/KR]; 399, Chungnyangni 2-dong, Tongdaemun-gu, Seoul 130-012 (KR).
(74) **JO, Eui, Je**; E.J.JO & Associates, Dae Heung Building, Suite 301, 648-23, Yuksam-dong, Kangnam-ku, Seoul 135-081 (KR).
(81) CA CN JP 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 98/53404** (13) A1
(21) PCT/US98/10569
(22) **21 May/mai 1998 (21.05.1998)**
(25) en (26) en
(31) 60/047,516 (32) **22 May/mai 1997 (22.05.1997)** (33) US
(31) 09/082,650 (32) **20 May/mai 1998 (20.05.1998)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **G06F 13/36, 13/42**
(54) ● PROGRAMMABLE BUS
● BUS PROGRAMMABLE
(71) **AUREAL SEMICONDUCTOR, INC.** [US/US]; 4245 Technology Drive, Fremont, CA 94538 (US).
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(72, 75) **CATLIN, Gary, M.** [US/US]; 1212 Oakland Road #121, San Jose, CA 95112 (US). **EVERMAN, Edwin, E., II** [US/US]; 5034 Bronte Court, Fremont, CA 94538 (US).
(74) **BAIK, Steven, S.**; Beyer & Weaver, LLP, P.O. Box 61059, Palo Alto, CA 94306 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53405** (13) A1
(21) PCT/FI98/00377
(22) **4 May/mai 1998 (04.05.1998)**
(25) fi (26) en
(31) 971915 (32) **5 May/mai 1997 (05.05.1997)** (33) FI
(31) 973848 (32) **30 Sep/sep 1997 (30.09.1997)** (33) FI
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **G06F 15/02, G01S 5/00**
(54) ● PORTABLE FIELD PROCESSING EQUIPMENT
● EQUIPEMENT DE TRAITEMENT PORTABLE POUR UTILISATION SUR LE TERRAIN
(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) **WESBY, Philip, B.** [GB/FI]; Kyyhkymäki 16 B 23, FIN-02600 Espoo (FI). **AHNLUND, Hans, K., O.** [SE/FI]; Apollogatan 10 A 20, FIN-00100 Helsingfors (FI).
- (74) **PATENTTITOIMISTO TEKNOPOLIS KOLSTER OY**; c/o Kolster OY AB, Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

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

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- (11) **WO 98/53406** (13) A1
(21) PCT/US98/10249
(22) **19 May/mai 1998 (19.05.1998)**
(25) en (26) en
(31) 08/585,650 (32) **19 May/mai 1997 (19.05.1997)** (33) US
(31) 08/872,971 (32) **6 Jun/juin 1997 (06.06.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **G06F 15/163**

- (54) ● INFORMATION STORAGE, AND DELIVERY OVER A COMPUTER NETWORK USING DISTRIBUTED INFORMATION AND CENTRALIZED INTELLIGENCE
● STOCKAGE D'INFORMATIONS ET DIFFUSION SUR UN RESEAU INFORMATIQUE A L'AIDE D'INFORMATIONS REPARTIES ET D'UNE INTELLIGENCE CENTRALISEE

- (71) **MATCHLOGIC, INC.** [US/US]; 400 South McCaslin Boulevard, Louisville, CO 80027 (US).
- (72) **GRIFFITHS, Michael, John**; 11334 North Eaton Way, Broomfield, CO 80020 (US). **MCELHINEY, James, David**; 4th Avenue, Ottawa, Ontario K1S 2L4 (CA).
- (74) **ALLISON, Scott, B.** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/53407** (13) A1
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(22) **20 May/mai 1998 (20.05.1998)**
(25) en (26) en
(31) 08/862,192 (32) **23 May/mai 1997 (23.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)

- (51)⁶ **G06F 15/18**
- (54) ● PREDICTION OF RELATIVE BINDING MOTIFS OF BIOLOGICALLY ACTIVE PEPTIDES AND PEPTIDE MIMETICS
● PREDICTION DE MOTIFS DE LIAISON RELATIFS DE PEPTIDES BIOLOGIQUEMENT ACTIFS ET DE MIMETIQUES DE PEPTIDES

- (71) **THE SCRIPPS RESEARCH INSTITUTE** [US/US]; 10666 North Torrey Pines Road, La Jolla, CA 92037 (US).
- (72) **SKOLNICK, Jeffrey**; 4985 Concannon Court, San Diego, CA 92130 (US). **MILIK, Mariusz**; 3511 Stetson Avenue, San Diego, CA 92122 (US). **KOLINSKI, Andrzej**; ul. Arctowskiego 1, PL-02-784 Warsaw (PL).
- (74) **LAND, John**; 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/53408** (13) A1
(21) PCT/GB98/01461
(22) **21 May/mai 1998 (21.05.1998)**
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(31) 9710749.4 (32) **23 May/mai 1997 (23.05.1997)** (33) GB
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **G06F 15/78, 9/38**

- (54) ● PROCESSOR CONTROLLER FOR ACCELERATING INSTRUCTION ISSUING RATE
● CONTROLEUR DE PROCESSEUR POUR ACCELERER LA VITESSE D'EMISSION D'INSTRUCTIONS

- (71) **ASPEX MICROSYSTEMS LTD.** [GB/GB]; Brunel University, Uxbridge, Middlesex UB8 3PH (GB).
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(72, 75) **LANCASTER, John, Charles** [GB/GB]; 341 Chartridge Lane, Chartridge, Buckinghamshire HP5 2SH (GB).

(74) **AHMAD, Sheikh, Shakeel** et al. / etc.; David Keltie Associates, 12 New Fetter Lane, London EC4A 1AP (GB).

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

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- (11) **WO 98/53409** (13) A1
(21) PCT/EP98/02923
(22) **18 May/mai 1998 (18.05.1998)**
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- (31) 197 21 129.1 (32) **20 May/mai 1997 (20.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G06F 17/30**

- (54) ● METHOD AND DEVICE FOR TRANSFERRING DATA BETWEEN TWO COMPUTERS
● PROCEDE ET SYSTEME DE TRANSMISSION DE DONNEES ENTRE DES ORDINATEURS

(71, 72) **ARNDT, Detlef** [DE/DE]; Damaschkestrasse 24, D-02785 Olbersdorf (DE).

(74) **SCHWARZENSTEINER, Marie-Luise**; Grape & Schwarzensteiner, Sebastiansplatz 7, D-80331 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/53410** (13) A2
(21) PCT/US98/09943
(22) **15 May/mai 1998 (15.05.1998)**
(25) en (26) en
(31) 08/861,934 (32) **22 May/mai 1997 (22.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)

- (51)⁶ **G06F 17/30**
- (54) ● A METHOD AND SYSTEM FOR DISTRIBUTED CACHING, PREFETCHING AND REPLICATION
● PROCEDE ET SYSTEME PERMETTANT LA MISE EN ANTEMEMOIRE REPARTIE, LA PRELECTURE ET LA REPRODUCTION DE DOCUMENTS

(71) **TRUSTEES OF BOSTON UNIVERSITY** [US/US]; 147 Bay State Road, Boston, MA 02215 (US).

(72) **MIRDA, Sulaiman, A.**; Apartment 8H, 1025 Hancock Street, Quincy, MA 02169 (US). **HED-DAYA, Abdelsalam, A.**; 901 Stearns Hill Road, Waltham, MA 02154 (US). **YATES, David, J.**; 2809 Village Road West, Norwood, MA 02062 (US).

(74) **THIBODEAU, David, J., Jr.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02173 (US).

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

(74) **THIBODEAU, David, J., Jr.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02173 (US).

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

- (11) **WO 98/53411** (13) A1
(21) PCT/US98/10567
(22) **19 May/mai 1998 (19.05.1998)**
(25) en (26) en

- (31) 60/047,113 (32) **19 May/mai 1997** (33) US (19.05.1997)
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G06F 17/30, H04L 29/08**
- (54) ● A SYSTEM AND METHOD FOR OPTIMIZING THE DELIVERY OF AUDIO AND VIDEO DATA OVER A COMPUTER NETWORK
● SYSTEME ET PROCEDE PERMETTANT D'OPTIMISER LA COMMUNICATION DE DONNEES AUDIO ET VIDEO SUR UN RESEAU D'ORDINATEURS
- (71) **INTERVU, INC.** [US/US]; 201 Lomas Santa Fe Drive, Solana Beach, CA 92075 (US).
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- (72, 75) **KENNER, Brian** [US/US]; 1403 Walnut Creek Drive, Encinitas, CA 92024 (US). **COLBY, Kenneth, W.** [US/US]; 12707 Gibraltar Drive, San Diego, CA 92128 (US). **BROWNELL, Lonnie** [US/US]; 826 Birchview Drive, Encinitas, CA 92024 (US).
- (74) **SCHAFFER, Robert** et al. / etc.; Darby & Darby, P.C., 805 Third Avenue, New York, NY 10022-7513 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53412** (13) A2
- (21) PCT/IB98/00634
- (22) **27 Apr/avr 1998 (27.04.1998)**
- (25) en (26) en
- (31) 97201543.2 (32) **23 May/mai 1997** (33) EP (23.05.1997)
- (34) NL et al. / etc.
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G06F 17/50, G05B 19/00**
- (54) ● DIGITAL CONTROL OF INDUSTRIAL DATA IN A MASS-PRODUCING SYSTEM
● GESTION NUMERIQUE DE DONNEES INDUSTRIELLES DANS UN SYSTEME DE PRODUCTION EN GRANDE SERIE
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (71) **PHILIPS AB** [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).
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- (72) **GAN, Kim, Song**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **KAMMENGA, Roelof**; 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) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/53413** (13) A1
- (21) PCT/US98/10434
- (22) **21 May/mai 1998 (21.05.1998)**
- (25) en (26) en
- (31) 60/047,113 (32) **19 May/mai 1997** (33) US (19.05.1997)
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G06F 17/50**
- (54) ● METHOD FOR GENERATING FORMAT-INDEPENDENT ELECTRONIC CIRCUIT REPRESENTATIONS
● PROCEDE SERVANT A PRODUIRE DES REPRESENTATIONS DE CIRCUITS ELECTRONIQUES INDEPENDANTES DU FORMAT
- (71) **SYMBIOS, INC.** [US/US]; 2001 Danfield Court, Fort Collins, CO 80525 (US).
- (72) **BLINNE, Richard, D.**; 801 Maxwell Court, Fort Collins, CO 80525 (US).
- (74) **LUCENTE, David, K.**; Symbios, Inc., 2001 Danfield Court, Fort Collins, CO 80525 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53414** (13) A1
- (21) PCT/US98/10349
- (22) **21 May/mai 1998 (21.05.1998)**
- (25) en (26) en
- (31) 60/047,315 (32) **21 May/mai 1997** (33) US (21.05.1997)
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G06F 17/60**
- (54) ● ELECTRONIC REARRANGEMENT STATU-SING SYSTEM
● SYSTEME ELECTRONIQUE DE DETERMINATION DE L'ETAT DE RESTRUCTURATIONS
- (71) **BEAR CREEK TECHNOLOGIES, INC.** [US/US]; Suite 500, 1500 Urban Center Drive, Birmingham, AL 35242 (US).
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- (72, 75) **BROGDON, William, David** [US/US]; 3529 Cheshire Drive, Birmingham, AL 35242 (US). **THOMPSON, Joseph, Brian** [US/US]; 1852 Cedarwood Road, Birmingham, AL 35216 (US). **WHITE, James, E., Jr.** [US/US]; 3436 Water Oak Drive, Birmingham, AL 35243 (US).
- (74) **MIELE, Anthony, L.**; Bear Creek Technologies, Inc., Suite 201A, 10617 Jones Street, Fairfax, VA 22030 (US).
- (81) BR CA IL JP KR MX US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53415** (13) A1
- (21) PCT/US98/10521
- (22) **21 May/mai 1998 (21.05.1998)**
- (25) en (26) en
- (31) 60/050,917 (32) **21 May/mai 1997** (33) US (21.05.1997)
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G06F 19/40**
- (54) ● METHOD AND SYSTEM FOR IMPROVED COLLATERAL MONITORING AND CONTROL
● SYSTEME ET PROCEDE POUR SURVEILLER ET CONTROLER DE FAÇON AMELIOREE DES BIENS AFFECTES EN GARANTIE
- (71) **KHIMETRICS, INC.** [US/US]; Suite 232, 5714 Folsom Boulevard, Sacramento, CA 95819-4608 (US).
- (72) **OUMET, Kenneth, J.**; 5462 Carlson Drive, Sacramento, CA 95819 (US). **CHAUBAL, Charu, V.**; 10818 Fair Oaks Boulevard #8, Fair Oaks, CA 95628 (US).
- (74) **MAJERUS, Laura, A.** et al. / etc.; Graham & James LLP, 600 Hansen Way, Palo Alto, CA 94304-1043 (US).
- (81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/53416** (13) A1
- (21) PCT/US98/10522
- (22) **21 May/mai 1998 (21.05.1998)**
- (25) en (26) en
- (31) 60/049,948 (32) **21 May/mai 1997** (33) US (21.05.1997)
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G06F 17/60**
- (54) ● A METHOD FOR INCORPORATING PSYCHOLOGICAL EFFECTS INTO DEMAND MODELS
● PROCEDE PERMETTANT D'INTEGRER DES EFFETS PSYCHOLOGIQUES DANS DES MODELES DE DEMANDE
- (71) **KHIMETRICS, INC.** [US/US]; Suite 232, 5714 Folsom Boulevard, Sacramento, CA 95819-4608 (US).
- (72) **OUMET, Kenneth, J.**; 5462 Carlson Drive, Sacramento, CA 95819 (US). **CHAUBAL, Charu, V.**; 10818 Fair Oaks Boulevard #8, Fair Oaks, CA 95628 (US).
- (74) **MAJERUS, Laura, A.** et al. / etc.; Graham & James LLP, 600 Hansen Way, Palo Alto, CA 94304-1043 (US).
- (81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/53417** (13) A1
- (21) PCT/US97/08470
- (22) **19 May/mai 1997 (19.05.1997)**
- (25) en (26) en
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G06F 17/60**
- (54) ● METHOD FOR CONTROLLED OPTIMIZATION OF ENTERPRISE PLANNING MODELS
● PROCEDE D'OPTIMISATION CONTROLLEE DE MODELES DE PLANIFICATION D'ENTREPRISE
- (71) **KHIMETRICS, INC.** [US/US]; Suite 232, 5714 Folsom Boulevard, Sacramento, CA 95819-4608 (US).
- (72) **OUMET, Kenneth, J.**; 5462 Carlson Drive, Sacramento, CA 95819 (US). **CHAUBAL, Charu, V.**; 10818 Fair Oaks Boulevard #8, Fair Oaks, CA 95628 (US).
- (74) **MAJERUS, Laura, A.** et al. / etc.; Graham & James LLP, 600 Hansen Way, Palo Alto, CA 94304-1043 (US).
- (81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/53417** (13) A1
- (21) PCT/US97/08470
- (22) **19 May/mai 1997 (19.05.1997)**
- (25) en (26) en
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G06F 17/60**
- (54) ● METHOD AND SYSTEM FOR IMPROVED COLLATERAL MONITORING AND CONTROL
● SYSTEME ET PROCEDE POUR SURVEILLER ET CONTROLER DE FAÇON AMELIOREE DES BIENS AFFECTES EN GARANTIE
- (71) **KHIMETRICS, INC.** [US/US]; Suite 232, 5714 Folsom Boulevard, Sacramento, CA 95819-4608 (US).
- (72) **OUMET, Kenneth, J.**; 5462 Carlson Drive, Sacramento, CA 95819 (US). **CHAUBAL, Charu, V.**; 10818 Fair Oaks Boulevard #8, Fair Oaks, CA 95628 (US).
- (74) **MAJERUS, Laura, A.** et al. / etc.; Graham & James LLP, 600 Hansen Way, Palo Alto, CA 94304-1043 (US).
- (81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(71) **CITIBANK, N.A.** [US/US]; 399 Park Avenue, New York, NY 10043 (US).

(72) **AZIZ, Kishwer**; Tregony, Traps Lane, New Malden, Surrey KT3 4RU (GB). **SCHNEIDER, Alan**; 111 Maplewood Avenue, Maplewood, NJ 07040 (US). **SCHREIER, David**; 29 Cypress Avenue, Verona, NJ 07044 (US). **BOYLE, Terence**; 21 Sir Paul Court, Middletown, NJ 07748 (US).

(74) **RANDY Lipsitz, Esq.**; Douglas P. Dreyer, Esq., Brown Raysman Millstein Felder & Steiner LLP, 120 West 45th Street, New York, NY 10036 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB 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); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/53418** (13) A1

(21) PCT/US98/10229

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 60/047,190 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G06K 5/00, B32B 31/00**

(54) ● **CARD INSERTION SYSTEM WITH MULTI-READLY**

● SYSTEME D'INSERTION DE CARTES A LECTEURS MULTIPLES

(71) **DYNETICS ENGINEERING CORPORATION** [US/US]; 515 Bond Street, Lincolnshire, IL 60069 (US).

(72) **HILL, Jeffery, L.**; 1620 Castillian Way, Mundelein, IL 60060 (US). **HILL, Gregory, S.**; 790 Waterford Court, Lake Zurich, IL 60047 (US).

(74) **POTTHAST, James, W.**; Potthast & Ring, Suite 1750, 10 S. Riverside Plaza, Chicago, IL 60606 (US).

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

(11) **WO 98/53419** (13) A1

(21) PCT/US98/10246

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 60/047,189 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G06K 5/00, B32B 31/00**

(54) ● **CARD PACKAGE PRODUCTION SYSTEM**

● SYSTEME DE PRODUCTION D'EMBALLAGES DE CARTES

(71) **DYNETICS ENGINEERING CORPORATION** [US/US]; 515 Bond Street, Lincolnshire, IL 60069 (US).

(72) **BRETL, Robert, J.**; W 6939 #3.5 Road, Menominee, MI 49858 (US). **BRETL, James, G.**; 904 Second Street, Menominee, MI 49858 (US).

(74) **POTTHAST, James, W.**; Potthast & Ring, Suite 1750, 10 S. Riverside Plaza, Chicago, IL 60606 (US).

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

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(11) **WO 98/53420** (13) A1

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(31) 97/06022 (32) **16 May/mai 1997 (16.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G06K 7/00, 7/08**

(54) ● **CONTACTLESS COMMUNICATION SYSTEM BY INDUCTION PROCESS BETWEEN A TERMINAL AND DIFFERENT TYPES OF PORTABLE OBJECTS**

● SYSTEME DE COMMUNICATION SANS CONTACT PAR PROCEDE A INDUCTION ENTRE UNE BORNE ET DES OBJETS PORTATIFS DE TYPES DIFFERENTS

(71) **INNOVATRON INDUSTRIES** [FR/FR]; 1, rue Danton, F-75006 Paris (FR).

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(72, 75) **WEHOWSKI, Frédéric** [FR/FR]; 47, boulevard Victor Hugo, F-77220 Gretz Armainvillers (FR).

(74) **DUPUIS-LATOURE, Dominique**; Cabinet Bardehle, Pagenberg & Partner, 45, avenue Montaigne, F-75008 Paris (FR).

(81) AU BR CA CN IL JP KR MX SG TR UA US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/53421** (13) A1

(21) PCT/FR98/00999

(22) **19 May/mai 1998 (19.05.1998)**

(25) fr (26) fr

(31) 97/06083 (32) **20 May/mai 1997 (20.05.1997)** (33) FR

(31) 97/11742 (32) **22 Sep/sep 1997 (22.09.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G06K 7/00, H04M 11/06**

(54) ● **CONNECTOR WITH DIRECT OR INDIRECT INSERTION OF SMART CARD THEREIN**

● CONNECTEUR AVEC INSERTION DIRECTE OU INDIRECTE D'UNE CARTE A PUCE EN SON SEIN

(71) **SCM SCHNEIDER MICROSYSTEME-MICROSYSTEMES SCHNEIDER ENTWICKLUNGS UND VERTRIEBS GMBH S.A.R.L. DEVELOPPEMENT ET VENTE** [DE/FR]; Chez Argeo Athelia III, Voie Atlas, F-13705 La Ciotat (FR).

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(72, 75) **LEROUX, Jean-Yves** [FR/FR]; Office Méditerranéen de Brevets d'Invention et de Marques - Cabinet Hautier, 24, rue Masséna, F-06000 Nice (FR). **GENEVOIS, Christophe** [FR/FR]; Office Méditerranéen de Brevets d'Invention et de Marques - Cabinet Hautier, 24, rue Masséna, F-06000 Nice (FR). **GUENEBAUD, Philippe** [FR/FR]; Office Méditerranéen de Brevets d'Invention et de Marques - Cabinet Hautier, 24, rue Masséna, F-06000 Nice (FR).

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

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

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(11) **WO 98/53422** (13) A2

(21) PCT/DE98/01368

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(31) 197 20 793.6 (32) **16 May/mai 1997 (16.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G06K 19/077**

(54) ● **FLAT ELEMENT WITH A STORAGE MEDIUM OR A MICROPROCESSOR**

● ELEMENT PLAT COMPORTANT UNE MEMOIRE OU UN MICROPROCESSEUR

(71, 72) **WRAGE, Stephan** [DE/DE]; Auf der Koppel 53, D-21521 Aumühle (DE).

(74) **PFENNING, MEINIG & PARTNER GBR**; Gosstritzer Strasse 61-63, D-01217 Dresden (DE).

(81) BR CA CN JP MX PL SG US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/53423** (13) A1

(21) PCT/JP98/02154

(22) **15 May/mai 1998 (15.05.1998)**

(25) ja (26) ja

(31) 9/128295 (32) **19 May/mai 1997 (19.05.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G06K 19/077, 19/073**

(54) ● **RESPONSE DEVICE IN AC CARD COMMUNICATION SYSTEM**

● DISPOSITIF DE REPONSE DANS UN SYSTEME DE COMMUNICATION A CARTE A CIRCUIT INTEGRE

(71) **ROHM CO., LTD.** [JP/JP]; 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585 (JP).

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(72, 75) **IKEFUJI, Yoshihiro** [JP/JP]; Rohm Co., Ltd., 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585 (JP). **OKADA, Hiroharu** [JP/JP]; Rohm Co., Ltd., 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585 (JP).

(74) **FUKAMI, Hisao** et al. / etc.; Sumitomo Bank Minamimori-machi Building, 1-29, Minamimori-machi 2-chome, Kita-ku, Osaka-shi, Osaka 530-0054 (JP).

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

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(11) **WO 98/53424** (13) A1

(21) PCT/NL97/00281

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(43) 26 Nov/nov 1998 (26.11.1998)

- (51)⁶ **G06K 19/077**
- (54) ● METHOD FOR THE PRODUCTION OF A SMART CARD, SMART CARD AND DEVICE FOR THE PRODUCTION THEREOF
- PROCEDE SERVANT A FABRIQUER UNE CARTE A MEMOIRE, CARTE A MEMOIRE ET SON DISPOSITIF DE FABRICATION
- (71, 72) **VAN SANTBRINK, Ronald, Barend** [NL/NL]; Nieuwe Muidervaart 9, NL-1398 PP Muiden (NL).
- (74) **DE BRUJN, 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 IL IS JP KE KG KP KR KZ 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 98/53425** (13) A1
- (21) PCT/JP98/02262
- (22) **22 May/mai 1998 (22.05.1998)**
- (25) ja (26) ja
- (31) 9/131831 (32) **22 May/mai 1997 (22.05.1997)** (33) JP
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G06T 1/00, 11/40**
- (54) ● IMAGE PROCESSOR AND IMAGE PROCESSING METHOD
- PROCESSEUR D'IMAGE ET PROCEDE CORRESPONDANT
- (71) **SEGA ENTERPRISES, LTD.** [JP/JP]; 2-12, Haneda 1-chome, Ohta-ku, Tokyo 144-0043 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **YASUI, Tetsuhiro** [JP/JP]; Sega Enterprises, Ltd., 2-12, Haneda 1-chome, Ohta-ku, Tokyo 144-0043 (JP). **MORIOKA, Seisuke** [JP/JP]; Sega Enterprises, Ltd., 2-12, Haneda 1-chome, Ohta-ku, Tokyo 144-0043 (JP). **OKUBO, Jun** [JP/JP]; Sega Enterprises, Ltd., 2-12, Haneda 1-chome, Ohta-ku, Tokyo 144-0043 (JP).
- (74) **INABA, Yoshiyuki** et al. / etc.; TMI Associates, 37 Mori Building, Suite 803, 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) CN KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/53426** (13) A1
- (21) PCT/FR98/00978
- (22) **15 May/mai 1998 (15.05.1998)**
- (25) fr (26) fr
- (31) 97/06190 (32) **21 May/mai 1997 (21.05.1997)** (33) FR
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G06T 5/00**
- (54) ● IMAGE PROCESSING ELECTRONIC DEVICE FOR DETECTING DIMENSIONAL VARIATIONS
- DISPOSITIF ELECTRONIQUE DE TRAITEMENT D'IMAGES POUR LA DETECTION DE VARIATIONS DIMENSIONNELLES
- (71) **INRIA INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE** [FR/FR]; Domaine de Voluceau, Boîte postale 105, Rocquencourt, F-78153 Le Chesnay Cedex (FR). *(for all designated States except / pour tous les États désignés sauf US)*
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- (74) **PLACAIS, Jean-Yves**; Cabinet Netter, 40, rue Vignon, F-75009 Paris (FR).
- (81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/53427** (13) A1
- (21) PCT/US98/10496
- (22) **22 May/mai 1998 (22.05.1998)**
- (25) en (26) en
- (31) 08/862,621 (32) **23 May/mai 1997 (23.05.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G06T 15/00**
- (54) ● APPARATUS AND METHODS FOR OBJECT INTERPOLATION AND METAMORPHOSIS USING SKELETONS
- APPAREIL ET PROCEDES D'INTERPOLATION ET DE METAMORPHOSE D'OBJETS AU MOYEN DE SQUELETTES
- (71) **UNIVERSITY OF WASHINGTON** [US/US]; Suite 200, 1107 N.E. 45th Street, Seattle, WA 98105 (US).
- (72) **TURKIYAH, George, M.**; 3100 Fairview Avenue East #308, Seattle, WA 98102 (US). **STORTI, Duane, W.**; 6525 Chapin Place North, Seattle, WA 98103 (US). **GANTER, Mark, A.**; 845 Walnut Street, Edmonds, WA 98020 (US).
- (74) **ANDERSON, Ronald, M.**; Law Offices of Ronald M. Anderson, 500 - 108th Avenue N.E. #1710, Bellevue, WA 98004-5500 (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 GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53428** (13) A1
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- (22) **19 May/mai 1998 (19.05.1998)**
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- (31) 120867 (32) **20 May/mai 1997 (20.05.1997)** (33) IL
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G06T 17/40, G06F 3/033**
- (54) ● COMPUTER USER INTERFACE FOR ORTHODONTIC USE
- INTERFACE UTILISATEUR D'ORDINATEUR DESTINEE A UNE UTILISATION ORTHODONTIQUE
- (71) **CADENT LTD.** [IL/IL]; Hamelacha Street 14, 60372 Or Yehuda (IL). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KOPELMAN, Avi** [IL/IL]; Ido Street 8, 52233 Ramat-Chen (IL). **NISSENBAUM, Baruch** [IL/IL]; Sara Haronson Street 23, 52293 Ramat Gan (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53429** (13) A1
- (21) PCT/US98/00847
- (22) **16 Jan/jan 1998 (16.01.1998)**
- (25) en (26) en
- (31) 08/862,608 (32) **23 May/mai 1997 (23.05.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G06T 17/40**
- (54) ● A REFERENCE BASED PARAMETRIC DIMENSIONING METHOD AND SYSTEM
- PROCEDE DE COTATION PARAMETRIQUE S'ARTICULANT AUTOUR D'UN SYSTEME DE REFERENCE ET DISPOSITIF AFFERENT
- (71) **3-DESIGN L.L.C.** [US/US]; 2260 Flowood Drive, Jackson, MI 39208 (US).
- (72) **JACKSON, Geoff**; Honeywood Cottage, Money Row Green, Holyport, Berks SL6 2ND (GB).
- (74) **GARRETT, Arthur, S.** et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, 1300 I Street, N.W., Washington, DC 20005-3315 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53430** (13) A1
- (21) PCT/US98/10380
- (22) **22 May/mai 1998 (22.05.1998)**
- (25) en (26) en
- (31) 60/041,494 (32) **24 May/mai 1997 (24.05.1997)** (33) US
- (31) 60/060,672 (32) **2 Oct/oct 1997 (02.10.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G07C 1/00, 9/00**
- (54) ● CONTINUING EDUCATION TRACKING AND REPORTING SYSTEM AND METHOD
- PROCEDE ET SYSTEME DE SUIVI ET DE COMPTES-RENDU DE FORMATION PERMANENTE

(71, 72) **FOX, R., Barry** [US/US]; 145 Stratford Road, Asheville, NC 28804 (US). **MARTIN, Paul, J.** [US/US]; 340 Barnard Road, Asheville, NC 28804 (US).

(74) **KILLEN, Craig, N.** et al. / etc.; Dority & Manning, P.A., P.O. Box 1449, Greenville, SC 29602-1449 (US).

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

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(31) 97/06087 (32) **20 May/mai 1997 (20.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G07C 1/20, 9/00**

(54) ● DEVICE FOR IDENTIFYING AND LOCATING A PERSON
● DISPOSITIF D'IDENTIFICATION ET DE LOCALISATION D'UNE PERSONNE

(71) **HIMALAYA S.A.R.L.** [FR/FR]; 4, avenue de la Baltique, F-91140 Villebon-sur-Yvette (FR).
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(81) CA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(25) en (26) en

(31) PI 9703568-8 (32) **20 May/mai 1997 (20.05.1997)** (33) BR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G07C 1/30**

(54) ● DIGITAL DEVICE FOR CONTROLLING PARKING LOTS AND OTHERS
● DISPOSITIF NUMERIQUE POUR GERER DES PARCS DE STATIONNEMENT ET AUTRES

(71, 72) **FILHO, Nestor, Malard** [BR/BR]; Avenida Agulhas Negras, 197, Mangabeiras, CEP-30210-340 Belo Horizonte, MG (BR).

(74) **SANTOS, Samia, Amin**; Rua Paraiba, 1000/16º andar, Funcionarios, CEP-30130-141 Belo Horizonte, MG (BR).

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

(11) **WO 98/53433** (13) A1

(21) PCT/ES98/00099

(22) **17 Apr/avr 1998 (17.04.1998)**

(25) es (26) es

(31) P 9701088 (32) **21 May/mai 1997 (21.05.1997)** (33) ES

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G07F 11/04**

(54) ● SELF-POSITIONED DEVICE FOR HOLDING PRODUCTS IN DISPENSING MACHINES
● DISPOSITIF AUTOPOSITIONNABLE POUR LA FIXATION DE PRODUITS DANS DES MACHINES DISTRIBUTRICES

(71) **JOFEMAR, S.A.** [ES/ES]; Ctra. Marcilla, km.2, 31350 PERALTA (Navarra) (ES).
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(72, 75) **GUINDULAIN VIDONDO, Félix** [ES/ES]; Calle del Río, E-31350 Peralta (ES).

(74) **UNGRIA LOPEZ, Javier**; Avenida Ramón y Cajal, 78, E-28043 Madrid (ES).

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

(11) **WO 98/53434** (13) A2

(21) PCT/DE98/01008

(22) **8 Apr/avr 1998 (08.04.1998)**

(25) de (26) de

(31) 197 21 286.7 (32) **21 May/mai 1997 (21.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G08B**

(54) ● METHOD FOR INITIALIZING A VEHICLE STEERING LOCK
● PROCEDE D'INITIALISATION D'UN SYSTEME ANTIVOL POUR VEHICULE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
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(72, 75) **MÜLLER, Norbert** [DE/DE]; Riesengebirgstrasse 5, D-93057 Regensburg (DE).

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

(11) **WO 98/53435** (13) A1

(21) PCT/US98/07406

(22) **13 Apr/avr 1998 (13.04.1998)**

(25) en (26) en

(31) 08/859,059 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G08B 13/14**

(54) ● DEACTIVATION DEVICE WITH BIPLANAR DEACTIVATION
● DISPOSITIF DE DESACTIVATION A DESACTIVATION BIPLANAIRE

(71) **SENSORMATIC ELECTRONICS CORPORATION** [US/US]; 951 Yamato Road, Boca Raton, FL 33431-0700 (US).

(72) **MARTIN, Wayne, H.**; 21329 Gosier Way, Boca Raton, FL 33428 (US).

(74) **TORRENTE, John, J.**; Robin, Blecker & Daley, 330 Madison 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(31) 9700438 (32) **20 May/mai 1997 (20.05.1997)** (33) BE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G08G 1/017, 1/0967, G07B 15/00**

(54) ● METHOD AND DEVICE FOR ESTABLISHING A WIRELESS COMMUNICATION BETWEEN VEHICLES AND COMMUNICATION EQUIPMENT ERECTED ALONG THE ROAD
● PROCEDE ET DISPOSITIF POUR ETABLIR UNE COMMUNICATION SANS FIL ENTRE DES VEHICULES ET UN EQUIPEMENT DE COMMUNICATION IMPLANTE LE LONG DE LA ROUTE

(71) **SMARTMOVE, NAAMLOZE VENNOOTSCHAP** [BE/BE]; Vanden Tymplestraat 33, B-3000 Leuven (BE).
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(72, 75) **BUYTAERT, Steven, Herwig, Cyriel** [BE/BE]; Kesseldallaan 91 bus 11, B-3010 Kessel-Lo (BE).

(74) **DONNE, Eddy**; Bureau M.F.J. Bockstael N.V., Arenbergstraat 13, B-2000 Antwerpen (BE).

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

(11) **WO 98/53437** (13) A1

(21) PCT/FR98/01024

(22) **20 May/mai 1998 (20.05.1998)**

(25) fr (26) fr

(31) 97/06117 (32) **20 May/mai 1997 (20.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G08G 1/08, 1/04**

(54) ● METHOD AND DEVICE FOR MANAGING ROAD TRAFFIC USING A VIDEO CAMERA AS DATA SOURCE
● PROCEDE ET DISPOSITIF POUR LA GESTION DE LA CIRCULATION ROUTIERE UTILISANT LA CAMERA VIDEO COMME SOURCE D'INFORMATION

(71, 72) **HOUMMADY, Bouchaïb** [FR/FR]; 57, rue de Bichain, F-89340 Villeneuve la Guyard (FR).

(74) **BREESE, Pierre**; Breese - Majerowicz, 3, avenue de l'Opéra, F-75001 Paris (FR).

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

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(11) **WO 98/53438** (13) A1

(21) PCT/US98/06918

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(25) en (26) en

(31) 08/858,966 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G09B 21/00**

(54) ● SEGMENTATION AND SIGN LANGUAGE SYNTHESIS

● SEGMENTATION ET SYNTHÈSE DE LANGAGE GESTUEL

(71) **AT & T CORP.** [US/US]; 32 Avenue of the Americas, New York, NY 10013-2412 (US).

(72) **HASKELL, Barin, Geoffrey**; 82 Glenwood Drive, Tinton Falls, NJ 07724 (US). **SWAIN, Cassandra, Turner**; 627 Line Road, Aberdeen, NJ 07747 (US).

(74) **DWORETSKY, Samuel, H.** et al. / etc.; AT & T Corp., P.O. Box 4110, Middletown, NJ 07748 (US).

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

(11) **WO 98/53439** (13) A1

(21) PCT/JP97/03533

(22) **2 Oct/oct 1997 (02.10.1997)**

(25) ja (26) ja

(31) 9/129355 (32) **20 May/mai 1997 (20.05.1997)** (33) JP

(31) 9/129356 (32) **20 May/mai 1997 (20.05.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G09F 9/00, H01J 5/16, 7/16, G02B 5/28, 1/10, H05K 9/00**

(54) ● OPTICAL FILTER FOR DISPLAY PANEL

● FILTRE OPTIQUE POUR ECRAN D'AFFICHAGE

(71) **FUJITSU GENERAL LIMITED** [JP/JP]; 1116, Suenaga, Takatsu-ku, Kawasaki-shi, Kanagawa-ken 213 (JP).

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(72, 75) **SATO, Hiroki** [JP/JP]; Fujitsu General Limited, 1116, Suenaga, Takatsu-ku, Kawasaki-shi, Kanagawa-ken 213 (JP).

(74) **FURUSAWA, Toshiaki** et al. / etc.; Yamatoya Building, 3rd floor, 5-3, Hirakawa-cho 1-chome, Chiyoda-ku, Tokyo 102 (JP).

(81) AU CA 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 98/53440** (13) A1

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(31) 197 21 354.5 (32) **22 May/mai 1997 (22.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G09F 15/00, A47G 1/06**

(54) ● FRAME FOR HOLDING POSTERS OR SIMILAR

● CADRE POUR LE POSITIONNEMENT D'AFFICHES OU ANALOGUES

(71) **AWK AUSSERWERBUNG GMBH** [DE/DE]; August-Horch-Strasse 10a, D-56070 Koblenz (DE).

(72) **KLEINHANS, Joachim**; In der Hohl 14, D-56191 Weikersburg (DE).

(74) **COHAUSZ & FLORACK**; Patent- und Rechtsanwalt, Postfach 33 02 29, D-40435 Düsseldorf (DE).

(81) AL HU LT LV MK PL RO SI SK; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/53441** (13) A1

(21) PCT/FR98/01006

(22) **20 May/mai 1998 (20.05.1998)**

(25) fr (26) fr

(31) 97/06555 (32) **23 May/mai 1997 (23.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G09F 17/00**

(54) ● AIR-BLOWN TABLE FLAG STANDS

● DISPOSITIF PORTE DRAPEAUX DE TABLE A SOUFFLAGE D'AIR

(71, 72) **VUAILLE, Georges** [FR/FR]; 110, chemin des Roux, F-38410 Uriage (FR).

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

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

(11) **WO 98/53442** (13) A1

(21) PCT/EP98/02731

(22) **11 May/mai 1998 (11.05.1998)**

(25) de (26) de

(31) 197 20 876.2 (32) **17 May/mai 1997 (17.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G09G 3/28**

(54) ● METHOD AND DEVICE FOR CONTRAST CONTROL IN SUBFRAME-CONTROLLED PICTURE DISPLAYS

● PROCÉDE ET DISPOSITIF DE REGLAGE DU CONTRASTE DANS DES DISPOSITIFS D'AFFICHAGE D'IMAGE COMMANDES PAR SOUS-TRAMES

(71) **GRUNDIG AG** [DE/DE]; Kurgartenstrasse 37, D-90762 Fürth (DE).

(72) **KÖCHEL, Matthias**; Lange Zeile 3, D-90419 Nürnberg (DE).

(74) **PRÖLL, Jürgen**; Grundig AG, D-90748 Fürth (DE).

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

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(11) **WO 98/53443** (13) A1

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(22) **15 May/mai 1998 (15.05.1998)**

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(31) 9/127717 (32) **19 May/mai 1997 (19.05.1997)** (33) JP

(31) 9/131521 (32) **22 May/mai 1997 (22.05.1997)** (33) JP

(31) 9/141927 (32) **30 May/mai 1997 (30.05.1997)** (33) JP

(31) 9/167802 (32) **25 Jun/juin 1997 (25.06.1997)** (33) JP

(31) 9/290026 (32) **22 Oct/oct 1997 (22.10.1997)** (33) JP

(31) 10/5632 (32) **14 Jan/jan 1998 (14.01.1998)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G10H 1/00**

(54) ● GRAPHIC DISPLAY, SYNCHRONOUS REPRODUCTION METHOD, AND SYNCHRONOUS AV REPRODUCING DEVICE

● MODE D'AFFICHAGE GRAPHIQUE, PROCÉDE DE REPRODUCTION SYNCHRONISÉE, ET DISPOSITIF DE REPRODUCTION AUDIOVISUELLE SYNCHRONISÉE

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

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(72, 75) **SUZUKI, Seiichi** [JP/JP]; 1-10-609, Ikuno, Katano-shi, Osaka 576-0054 (JP). **SHIRAI, Yutaka** [JP/JP]; 18-2-1108, Asahi-cho, Izumiotsu-shi, Osaka 595-0025 (JP). **TOKUNAGA, Masashi** [JP/JP]; 7-25-2-1207, Kano, Higashiosaka-shi, Osaka 578-0901 (JP). **OHKUBO, Haruyo** [JP/JP]; 1-11-24-213, Saigou-douri, Moriguchi-shi, Osaka 570-0034 (JP). **TSUDA, Kenjiro** [JP/JP]; 3-17-18, Higashikouri, Hirakata-shi, Osaka 573-0075 (JP). **IMAMURA, Tetsuya** [JP/JP]; Urban Hill Uemachi 1201, 12-13, Higashikoze-cho, Tennoji-ku, Osaka-shi, Osaka 543-0021 (JP).

(74) **MORIMOTO, Yoshihiro**; All Nippon Airways Nishi-Hommachi Building Fourth floor, 10-10, Nishi-Hommachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0005 (JP).

(81) CA CN US.

(11) **WO 98/53444** (13) A1

(21) PCT/US98/09953

(22) **15 May/mai 1998 (15.05.1998)**

(25) en (26) en

(31) 08/858,514 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G10K 11/162**

(54) ● METHOD FOR PREDICTING AND OPTIMIZING THE ACOUSTICAL PROPERTIES OF HOMOGENEOUS POROUS MATERIAL

- PROCÉDE PERMETTANT DE PREDIRE ET D'OPTIMISER LES PROPRIETES ACOUSTIQUES D'UNE MATIERE POREUSE HOMOGENE
- (71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **PURDUE RESEARCH FOUNDATION** [US/US]; Room 307, 1063 Howde Hall, West Lafayette, IN 47906-1063 (US).
- (72) **BOLTON, John, S.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **LAI, Heng-Yi**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **ALEXANDER, Jonathan, H.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **KATRAGADDA, Srinivas**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **ROGERS, James, 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) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (31) 08/861,664 (32) **22 May/mai 1997 (22.05.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G11B 5/008, 5/584, 5/265**
- (54) ● ENCODED SERVO TRACK CONFIGURATIONS, SERVO WRITING HEADS AND SYSTEMS/METHODS REGARDING SAME
- STRUCTURES A PISTES D'ASSERVISSEMENT CODEES, TÊTES D'ECRITURE D'INFORMATIONS D'ASSERVISSEMENT ET SYSTEMES/PROCEDES CONNEXES
- (71) **IMATION CORP.** [US/US]; 1 Imation Place, P.O. Box 64898, Saint Paul, MN 55164-0898 (US).
- (72) **TRAN, Hung, T.**; P.O. Box 64898, Saint Paul, MN 55164-0898 (US). **SCHWARZ, Theodore, A.**; P.O. Box 64898, Saint Paul, MN 55164-0898 (US). **YOUNGQUIST, Robert, J.**; P.O. Box 64898, Saint Paul, MN 55164-0898 (US). **OLSON, Alan, R.**; P.O. Box 64898, Saint Paul, MN 55164-0898 (US). **MOLSTAD, Richard, W.**; P.O. Box 64898, Saint Paul, MN 55164-0898 (US). **MOELLER, Gary, D.**; P.O. Box 64898, Saint Paul, MN 55164-0898 (US). **JEWETT, Richard, E.**; P.O. Box 64898, Saint Paul, MN 55164-0898 (US). **HILL, Christopher, L.**; P.O. Box 64898, Saint Paul, MN 55164-0898 (US).
- (74) **LEVINSON, Eric, D.** et al. / etc.; Imation Legal Affairs, P.O. Box 64898, Saint Paul, MN 55164-0898 (US).
- (81) CN JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/53446** (13) A1
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- (22) **15 May/mai 1998 (15.05.1998)**
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- (31) 08/861,076 (32) **21 May/mai 1997 (21.05.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G11B 5/147, 5/187**
- (54) ● DATA TRANSDUCER AND METHOD FOR WRITING DATA UTILIZING THE BOTTOM POLE AS THE TRAILING EDGE OF A THIN-FILM MAGNETIC TAPE WRITE HEAD
- TRANSDUCTEUR DE DONNEES ET PROCÉDE D'ECRITURE DE DONNEES UTILISANT LE POLE INFÉRIEUR EN TANT QUE FLANC ARRIÈRE D'UNE TÊTE A FILM MINCE D'ECRITURE SUR BANDE MAGNETIQUE
- (71) **QUANTUM CORPORATION** [US/US]; 500 McCarthy Boulevard, Milpitas, CA 95035 (US).
- (72) **NEUMANN, Lawrence, G.**; 11 Jamestown Road, Leominster, MA 01453 (US).
- (74) **BURTON, Carol, W.** et al. / etc.; Holland & Hart L.L.P., Suite 3200, 555 17th Street, P.O. Box 8749, Denver, CO 80201-8749 (US).
- (81) JP KR SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/53447** (13) A2
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- (22) **30 Apr/avr 1998 (30.04.1998)**
- (25) en (26) en
- (31) 97201539.0 (32) **23 May/mai 1997 (23.05.1997)** (33) EP
- (34) NL et al. / etc.
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G11B 5/31**
- (54) ● METHOD OF MANUFACTURING A BODY HAVING A STRUCTURE OF LAYERS
- PROCÉDE DE FABRICATION D'UN CORPS AYANT UNE STRUCTURE MULTICOUCHE
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (71) **PHILIPS AB** [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).
(only for / seulement pour SE)
- (72) **KNAPEN, Peter, Simon, Antonius**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **SCHRIJNEMAËKERS, Hubert, J., M.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).
- (81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/53448** (13) A1
- (21) PCT/RO98/00006
- (22) **20 May/mai 1998 (20.05.1998)**
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- (31) 97-00928 (32) **21 May/mai 1997 (21.05.1997)** (33) RO
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G11B 7/00, 7/24**

- (54) ● THREE-DIMENSIONAL OPTICAL MEMORY WITH FLUORESCENT PHOTOSENSITIVE MATERIAL
- MEMOIRE OPTIQUE TRIDIMENSIONNELLE A BASE DE MATERIAUX FLUORESCENTS PHOTOSENSIBLES
- (71, 72) **PAVEL, Eugen** [RO/RO]; Calea Mosilor 274, ap. 34, R-73252 Bucuresti 2 (RO).
- (74) **ROMINVENT S.A.**; Str. Ermil Pangratti 35-1, R-71128 Bucuresti 1 (RO).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (22) **29 Apr/avr 1998 (29.04.1998)**
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- (31) 1997/19231 (32) **19 May/mai 1997 (19.05.1997)** (33) KR
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G11B 7/09, 7/095, 7/00**
- (54) ● AN OPTICAL PICKUP ACTUATOR AND ITS DAMPING DEVICE
- ACTIONNEUR DE TÊTE DE LECTURE OPTIQUE ET DISPOSITIF AMORTISSEUR
- (71) **SAMSUNG ELECTRONICS CO., LTD.** [KR/KR]; 416, Maetan-dong, Paldal-gu, Suwon, Kyonggi-do 442-370 (KR).
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- (72, 75) **SHIN, Kyung-sik** [KR/KR]; 107-602, Hansung Apt. 698-2, Pungdukchun-ri, Suji-eup, Yongin, Kyonggi-do 449-840 (KR). **KIM, Jeon-gie** [KR/KR]; 761-6, Jowon-dong, Jangan-gu, Suwon, Kyonggi-do 440-200 (KR).
- (74) **JUNG, Hyun-young**; 3rd floor, Namsung Building, 1474-12, Silim 11-dong, Gwanak-gu, Seoul 151-021 (KR).
- (81) AU BR CA CN ID JP RU SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/53450** (13) A2
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- (22) **7 May/mai 1998 (07.05.1998)**
- (25) en (26) en
- (31) 97201540.8 (32) **23 May/mai 1997 (23.05.1997)** (33) EP
- (34) NL et al. / etc.
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G11B 7/135**
- (54) ● DEVICE FOR OPTICALLY SCANNING A RECORD CARRIER
- DISPOSITIF DE LECTURE OPTIQUE D'UN SUPPORT D'ENREGISTREMENT
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

- (71) **PHILIPS AB** [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).
(only for / seulement pour SE)
- (72) **BRAAT, Josephus, Johannes, Maria**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **VISSER, Derk**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).
- (81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/53451** (13) A1
- (21) PCT/US98/10344
- (22) **21 May/mai 1998 (21.05.1998)**
- (25) en (26) en
- (31) 60/047,446 (32) **22 May/mai 1997 (22.05.1997)** (33) US
- (31) 09/019,830 (32) **6 Feb/fév 1998 (06.02.1998)** (33) US
- (31) 09/038,672 (32) **11 Mar/mar 1998 (11.03.1998)** (33) US
- (31) 09/079,734 (32) **15 May/mai 1998 (15.05.1998)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)

- (51)⁶ **G11B 7/24, G11C 13/04, C25D 11/04, B32B 15/00, 15/08, B42D 15/10**
- (54) ● ARCHIVAL IMAGING AND METHOD THEREFOR
● ARCHIVAGE D'IMAGES ET PROCÉDE CORRESPONDANT
- (71, 72) **FROMSON, Howard, A.** [US/US]; 49 Main Street, Stonington, CT 06378 (US).
- (72) **ROZELL, William, J.**; 608 Bolton Road, Vernon, CT 06066 (US).
- (74) **LYNCH, John, E.**; Felfe & Lynch, 805 Third Avenue, New York, NY 10022 (US).

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

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- (11) **WO 98/53452** (13) A1
- (21) PCT/EP98/02851
- (22) **14 May/mai 1998 (14.05.1998)**
- (25) de (26) de
- (31) 197 21 689.7 (32) **23 May/mai 1997 (23.05.1997)** (33) DE
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G11B 7/26, F26B 15/04, 3/28**
- (54) ● DEVICE FOR DRYING SUBSTRATES
● DISPOSITIF POUR SECHER DES SUBSTRATS
- (71) **STEAG HAMATECH GMBH MACHINES** [DE/DE]; Ferdinand-von-Steinbeis-Ring 10, D-75447 Sternenfels (DE).
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- (72, 75) **WEBER, Klaus** [DE/DE]; Friedenstrasse 58, D-75015 Bretten (DE). **SPEER, Ulrich** [DE/DE]; Weberstrasse 48a, D-75239 Eisingen (DE).
- (81) CA CN IL JP KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)

- (11) **WO 98/53453** (13) A1
- (21) PCT/US98/10341
- (22) **20 May/mai 1998 (20.05.1998)**
- (25) en (26) en
- (31) 60/047,148 (32) **20 May/mai 1997 (20.05.1997)** (33) US
- (31) 60/047,149 (32) **20 May/mai 1997 (20.05.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G11B 17/028, 17/04, 19/20, 23/00**
- (54) ● METHOD AND APPARATUS FOR CLAMPING REMOVABLE DATA STORAGE DISKS IN A DISK DRIVE
● PROCÉDE ET DISPOSITIF DE BLOCAGE DE DISQUES SUPPORTS D'INFORMATIONS AMOVIBLES DANS UNE UNITE DE DISQUES
- (71) **DIGITAL PAPYRUS CORPORATION** [US/US]; Suite 440, 2025 Gateway Place, San Jose, CA 95110 (US).

- (72) **LEE, Neville, K.S.**; Hong Kong University of Science and Technology, Dept. Of IEEM, Clear Water Bay, Kowloon, Honk Kong (CN). **KATAO, Hisashi**; 5940-2, Hino, Hino City, Tokyo 191 (JP).
- (74) **ENGELSON, Gary, S.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).
- (81) CN JP KR SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/53454** (13) A1
- (21) PCT/JP98/02167
- (22) **18 May/mai 1998 (18.05.1998)**
- (25) ja (26) ja
- (31) 9/144647 (32) **19 May/mai 1997 (19.05.1997)** (33) JP
- (43) 26 Nov/nov 1998 (26.11.1998)

- (51)⁶ **G11B 20/14, 20/18**
- (54) ● DIGITAL MODULATION AND DIGITAL DEMODULATION
● MODULATION ET DEMODULATION NUMERIQUES
- (71) **SANYO ELECTRIC CO., LTD.** [JP/JP]; 5-5, Keihan-Hondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP).
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- (72, 75) **KUNISA, Akiomi** [JP/JP]; Room 314, Sanyo-denki, Kasukabe-ryo, 20-1, Chuo 2-chome, Kasukabe-shi, Saitama 344-0067 (JP). **ITOH, Nobuo** [JP/JP]; 29-5, Chikusa 3-chome, Chikusa-ku, Nagoya-shi, Aichi 464-0858 (JP).
- (74) **MARUYAMA, Akio**; 2-43, Doichi-cho, Mizuho-ku, Nagoya-shi, Aichi 467-0843 (JP).
- (81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/53455** (13) A2
- (21) PCT/US98/10342
- (22) **20 May/mai 1998 (20.05.1998)**
- (25) en (26) en
- (31) 60/047,150 (32) **20 May/mai 1997 (20.05.1997)** (33) US

- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G11B 23/50**
- (54) ● SYSTEM AND METHOD FOR CLEANING HEAD ASSEMBLIES AND DATA STORAGE DISKS
● SYSTEME ET PROCÉDE DE NETTOYAGE DE BLOCS DE TETES ET DE DISQUES SUPPORT D'INFORMATIONS
- (71) **DIGITAL PAPYRUS CORPORATION** [US/US]; Suite 440, 2025 Gateway Place, San Jose, CA 95110 (US).
- (72) **LEE, Neville, K., S.**; Honk Kong University of Science and Technology, Dept. of IEEM, Clear Water Bay, Kowloon, Honk Kong (CN). **KATAO, Hisashi**; 5940-2, Hino, Hino City, Tokyo 191 (JP).
- (74) **ENGELSON, Gary, S.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).
- (81) CN JP KR SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/53456** (13) A1
- (21) PCT/IL98/00223
- (22) **19 May/mai 1998 (19.05.1998)**
- (25) en (26) en
- (31) 120855 (32) **19 May/mai 1997 (19.05.1997)** (33) IL
- (31) 09/062,502 (32) **17 Apr/avr 1998 (17.04.1998)** (33) US

- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **G11B 31/00, G10K 11/00**
- (54) ● APPARATUS AND METHODS FOR CONTROLLING HOUSEHOLD APPLIANCES
● DISPOSITIF ET PROCÉDES DE COMMANDE D'APPAREILS ELECTROMENAGERS
- (71) **CREATOR LTD.** [IL/IL]; Rehov Gush Etzion15, 54030 Givat Shmuel (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GABAI, Oz** [IL/IL]; Klee Street 14, 62336 Tel Aviv (IL). **GABAI, Jacob** [IL/IL]; Klee Street 12, 62336 Tel Aviv (IL). **SANDLERMAN, Nimrod** [IL/IL]; Hamatmeed Street 11, 52493 Ramat Gan (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(22) 21 May/mai 1998 (21.05.1998)

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(31) 97 1 12087.0 (32) 21 May/mai 1997 (33) CN (21.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ G11B 33/04

(54) ● POWER-DRIVEN DISC STORAGE CASE

- BOITE ELECTRIQUE DE STOCKAGE DE DISQUES

(71) **WELL MARK INTERNATIONAL LTD.** [CN/CN]; Nan Fung Commercial Centre, Unit 1402, 19 Lam Lok Street, Kowloon Bay, Hong Kong (CN).
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(72, 75) **MA, Yongxing** [CN/CN]; Nan Fung Commercial Centre, Unit 1402, 19 Lam Lok Street, Kowloon Bay, Hong Kong (CN).

(74) **LUNG TIN INT'L PATENT & TRADEMARK AGENT LTD.**; Int'l Enterprises Cooperation Business Tower, Suite 504-511, No.20, Zhichun Road, Haidian District, Beijing 100088 (CN).

(81) DE GB JP SE US.

(11) WO 98/53458 (13) A1

(21) PCT/US98/10597

(22) 20 May/mai 1998 (20.05.1998)

(25) en (26) en

(31) 08/858,997 (32) 20 May/mai 1997 (33) US (20.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ G11C 7/02, 15/00

(54) ● CONTENT ADDRESSABLE MEMORY MULTIPLE MATCH DETECTION CIRCUIT

- CIRCUIT DE DETECTION DE CORRESPONDANCES MULTIPLES POUR MEMOIRE ADRESSABLE PAR LE CONTENU

(71) **QUALITY SEMICONDUCTOR, INC.** [US/US]; 851 Martin Avenue, Santa Clara, CA 95050 (US).

(72) **SRINIVASAN, Varadarajan**; 27835 Lupine Road, Los Altos Hills, CA 94022 (US). **KHANNA, Sandeep**; 2311 Regina Court, Santa Clara, CA 95054 (US). **GALA, Sanjay, V.**; 1291 Vicente Drive #243, Sunnyvale, CA 94086 (US). **MEHTA, Ketan, K.**; 1235 Wildwood Avenue #248, Sunnyvale, CA 94089 (US).

(74) **MORRIS, Francis, E.**; 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 GW HU ID IL IS JP KG KP KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA UZ VN YU; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) WO 98/53459 (13) A1

(21) PCT/US98/08229

(22) 24 Apr/avr 1998 (24.04.1998)

(25) en (26) en

(31) 08/859,885 (32) 21 May/mai 1997 (33) US (21.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ G11C 16/06

(54) ● SEMICONDUCTOR MEMORY FOR SECURE DATA STORAGE

- MEMOIRE A SEMI-CONDUCTEURS PERMETTANT UN STOCKAGE SECURISE DES DONNEES

(71) **ATMEL CORPORATION** [US/US]; 2325 Orchard Parkway, San Jose, CA 95131 (US).

(72) **PATHAK, Saroj**; 12998 Robleda Road, Los Altos Hills, CA 94022 (US). **PATHAK, Jagdish**; 12998 Robleda Road, Los Altos Hills, CA 94022 (US).

(74) **SCHNECK, Thomas**; Law Offices of Thomas Schneck, P.O. Box 2-E, San Jose, CA 95109-0005 (US).

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

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(11) WO 98/53460 (13) A2

(21) PCT/US98/10198

(22) 19 May/mai 1998 (19.05.1998)

(25) en (26) en

(31) 08/858,114 (32) 19 May/mai 1997 (33) US (19.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ G21F

(54) ● APPAREIL SUITABLE FOR TRANSPORTING AND STORING NUCLEAR FUEL RODS AND METHODS FOR USING THE APPARATUS

- APPAREIL PERMETTANT DE TRANSPORTER ET DE STOCKER DES PASTILLES DE COMBUSTIBLE NUCLEAIRE, ET PROCÉDES D'UTILISATION DE CET APPAREIL

(71) **HOLTEC INTERNATIONAL** [US/US]; 555 Lincoln Drive West, Marlton, NJ 08053 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SINGH, Krishna, P.** [US/US]; 230 Normandy Circle, Palm Harbor, FL 34683 (US).

(74) **MILLER, Austin, R.** et al. / etc.; Schnader Harrison Segal & Lewis LLP, Suite 3600, 1600 Market Street, Philadelphia, PA 19103 (US).

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

(11) WO 98/53461 (13) A1

(21) PCT/GB98/01437

(22) 19 May/mai 1998 (19.05.1998)

(25) en (26) en

(31) 9710152.1 (32) 19 May/mai 1997 (33) GB (19.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ G21F 1/10

(54) ● PRODUCTS CONTAINING HEAVY METALS

- PRODUITS CONTENANT DES METAUX LOURDS

(71) **KEMMETECH LIMITED** [GB/GB]; 40 Eldon Way, Paddock Wood, Kent TN12 6BE (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LODGE, David, William** [GB/GB]; 30 Holland Road, Chatham, Kent ME5 9TW (GB). **KENWARD, John** [GB/GB]; Leseberg, Copthall Road, Igham, Sevenoaks, Kent TN15 9DU (GB).

(74) **WATKINS, Arnold, J.** et al. / etc.; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

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

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(11) WO 98/53462 (13) A1

(21) PCT/GB98/01212

(22) 24 Apr/avr 1998 (24.04.1998)

(25) en (26) en

(31) 9709882.6 (32) 16 May/mai 1997 (33) GB (16.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ G21F 9/00, 9/30

(54) ● A METHOD FOR CLEANING RADIOACTIVELY CONTAMINATED MATERIAL

- PROCEDE DE NETTOYAGE DE MATERIAU RADIOACTIVEMENT CONTAMINE

(71) **BRITISH NUCLEAR FUELS PLC** [GB/GB]; Risley, Warrington, Cheshire WA3 6AS (GB).
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(72, 75) **RUSHTON, Alan** [US/US]; British Nuclear Fuels plc, Springfields Works, Salwick, Preston PR4 0XJ (US). **ARMIT, James, Clark** [GB/GB]; British Nuclear Fuels plc, Springfields Works, Salwick, Preston PR4 0XJ (GB).

(74) **COWKING, Harry**; British Nuclear Fuels plc, IP & Patents Dept., Risley, Warrington, Cheshire WA3 6AS (GB).

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

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(11) WO 98/53463 (13) A2

(21) PCT/US98/09823

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(25) en (26) en

(31) 08/861,483 (32) 22 May/mai 1997 (33) US (22.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ G21F 9/00

(54) ● METHOD FOR ACID OXIDATION OF RADIOACTIVE, HAZARDOUS, AND MIXED ORGANIC WASTE MATERIALS

- PROCEDE D'OXYDATION ACIDE DE DECHETS ORGANIQUES RADIOACTIFS, DANGEREUX ET MIXTES

(71) **WESTINGHOUSE SAVANNAH RIVER COMPANY** [US/US]; P.O. Box 616, Aiken, SC 29808 (US).

(72) **PIERCE, Robert, A.**; 70 Graystone Court, Aiken, SC 29801 (US). **SMITH, James, R.**; 228 Los Manzanos, Corrales, NM 87048 (US). **BICKFORD, Dennis, F.**; 804 East Artic Avenue, P.O. Box 855, Folly Beach, SC 29439-0855 (US). **RAMSEY, William, G.**; 20322 102nd Avenue, Kent, WA 98031 (US). **CICERO-HERMAN, Connie, A.**; 32 Creekside Drive, N. Augusta, SC 29803 (US).

(74) **PRATT, John, S.** et al. / etc.; Kilpatrick Stockton LLP, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309-4530 (US).

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

(11) **WO 98/53464** (13) A1

(21) PCT/SE98/00973

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 9701896-4 (32) **21 May/mai 1997 (21.05.1997)** (33) SE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **G21F 9/28 // 9/00**

(54) ● A DEVICE FOR REMOVING A RADIOACTIVE DEPOSITION
● DISPOSITIF DESTINE A ENLEVER UN DEPOT RADIOACTIF

(71) **ABB ATOM AB** [SE/SE]; S-721 63 Västerås (SE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROSENGREN, Anders** [SE/SE]; Idrottsvägen 4, S-724 65 Västerås (SE). **IVARS, Roland** [SE/SE]; Hällbyvägen 27, S-730 73 Ransta (SE). **VON DER BURG, Lennart** [SE/SE]; Källbo, S-722 33 Västerås (SE).

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

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

(11) **WO 98/53465** (13) A1

(21) PCT/JP98/02205

(22) **20 May/mai 1998 (20.05.1998)**

(25) ja (26) ja

(31) 9/147298 (32) **21 May/mai 1997 (21.05.1997)** (33) JP

(31) 9/147299 (32) **21 May/mai 1997 (21.05.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01B 1/12, H01M 6/18, 6/22, 10/40, C08L 23/26**

(54) ● THIN APROTIC ELECTROLYTE FILMS, IMMOBILIZED LIQUID MEMBRANE CONDUCTORS, AND BATTERIES

● COUCHES MINCES D'ELECTROLYTE APROTIQUE, CONDUCTEURS A MEMBRANE LIQUIDE IMMOBILISES ET BATTERIES

(71) **TONEN CHEMICAL CORPORATION** [JP/JP]; 1-39, Hiroo 1-chome, Shibuya-ku, Tokyo 150-8410 (JP).

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(72, 75) **KONO, Koichi** [JP/JP]; Tonen Chemical Corporation, Technical Development Center, 3-1, Chidori-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0865 (JP). **TAKITA, Kotaro** [JP/JP]; Tonen Chemical Corporation, Technical Development Center, 3-1, Chidori-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0865 (JP). **KAIMAI, Norimitsu** [JP/JP]; Tonen Chemical Corporation, Technical Development Center, 3-1, Chidori-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0865 (JP).

(74) **KAWABI, Kenji**; Higashi-ikebukuro Orimoto Building, 6th floor, 9-7, Higashi-ikebukuro 3-chome, Toshima-ku, Tokyo 170-0013 (JP).

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

(11) **WO 98/53466** (13) A1

(21) PCT/CN98/00077

(22) **22 May/mai 1998 (22.05.1998)**

(25) zh (26) zh

(31) 97 1 04329.9 (32) **22 May/mai 1997 (22.05.1997)** (33) CN

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01F 27/42, 27/40**

(54) ● A COMBINATION APPARATUS OF DISTRIBUTION TRANSFORMER AND SWITCH
● DISPOSITIF COMBINE A TRANSFORMATEUR ET COMMUTATEUR DE DISTRIBUTION

(71, 72) **LI, Shulin** [CN/CN]; 115-204 Anhuailu, Shanghai 200050 (CN). **ZHANG, Xujun** [CN/CN]; 115-204 Anhuailu, Shanghai 200050 (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 GR GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53467** (13) A1

(21) PCT/JP98/02244

(22) **22 May/mai 1998 (22.05.1998)**

(25) ja (26) ja

(31) 9/134069 (32) **23 May/mai 1997 (23.05.1997)** (33) JP

(31) 9/181559 (32) **7 Jul/juil 1997 (07.07.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01F 38/12, F02P 15/00**

(54) ● IGNITION COIL UNIT FOR ENGINE AND ENGINE PROVIDED WITH PLASTIC HEAD COVER

● BOBINE D'ALLUMAGE POUR MOTEUR ET MOTEUR POURVU D'UN CAPOT EN PLASTIQUE

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP). **HITACHI CAR ENGINEERING CO., LTD.** [JP/JP]; 2477, Takaba, Hitachinaka-shi, Ibaraki 312-0062 (JP).

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(72, 75) **SHIMADA, Junichi** [JP/JP]; Automotive Products Division of Hitachi, Ltd., 2520, Takaba, Hitachinaka-shi, Ibaraki 312-0062 (JP). **SUGIURA, Noboru** [JP/JP]; Automotive Products Division of Hitachi, Ltd., 2520, Takaba, Hitachinaka-shi, Ibaraki 312-0062 (JP). **ANZO, Yoichi** [JP/JP]; Automotive Products Division of Hitachi, Ltd., 2520, Takaba, Hitachinaka-shi, Ibaraki 312-0062 (JP). **KONDO, Eiichiro** [JP/JP]; Hitachi Car Engineering Co., Ltd., 2477, Takaba, Hitachinaka-shi, Ibaraki 312-0062 (JP). **KOBAYASHI, Kazutoshi** [JP/JP]; Automotive Products Division of Hitachi, Ltd., 2520, Takaba, Hitachinaka-shi, Ibaraki 312-0062 (JP). **KOSAI, Takahide** [JP/JP]; Hitachi Car Engineering Co., Ltd., 2477, Takaba, Hitachinaka-shi, Ibaraki 312-0062 (JP). **UEDA, Toshiaki** [JP/JP]; Automotive Products Division of Hitachi, Ltd., 2520, Takaba, Hitachinaka-shi, Ibaraki 312-0062 (JP).

(74) **TAKADA, Yukihiro** et al. / etc.; 1-48, Saiwai-cho 2-chome, Hitachi-shi, Ibaraki 317-0073 (JP).

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

(11) **WO 98/53468** (13) A1

(21) PCT/DE98/00894

(22) **27 Mar/mar 1998 (27.03.1998)**

(25) de (26) de

(31) 197 21 287.5 (32) **21 May/mai 1997 (21.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01G 2/04, 9/08**

(54) ● ELECTROLYTE CAPACITOR, AND SECURING OF SAME ON A THERMAL DISSIPATION PLATE
● CONDENSATEUR A ELECTROLYTE, ET SA FIXATION SUR UNE PLAQUE DE DISSIPATION DE CHALEUR

(71) **SIEMENS MATSUSHITA COMPONENTS GMBH & CO. KG** [DE/DE]; Balanstrasse 73, D-81541 München (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HEBEL, Rainer** [DE/DE]; Wieselweg 19, D-89518 Heidenheim (DE). **SCHWEIKERT, Wilhelm** [DE/DE]; Kistelbergstrasse 33, D-89522 Heidenheim (DE).

(74) **EPPING, Wilhelm**; Postfach 22 13 17, D-80503 München (DE).

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

(11) **WO 98/53469** (13) A1

(21) PCT/EP98/02558

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) MI97U000353 (32) **20 May/mai 1997 (20.05.1997)** (33) IT

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01H 9/02, H01R 13/639**

- (54) ● TAMPER-PROOF PLATE FOR ELECTRICAL TERMINALS
● PLAQUE INVOLABILE POUR BORNES ELECTRIQUES
- (71) **GEWISS S.P.A.** [IT/IT]; Via A. Volta, 1, I-24069 Cenate Sotto (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BOSATELLI, Domenico** [IT/IT]; Via degli Alpini, 13, I-24069 Cenate Sotto (IT). **CONTARDI, Augusto** [IT/IT]; Via Rovani, 7, I-21100 Varese (IT). **PIANEZZOLA, Sergio** [IT/IT]; Via della Fratellanza, 21, I-21100 Calcinatè del Pesce (IT).
- (74) **FORATTINI, Amelia**; Internazionale Brevetti Ingg. Zini, Maranesi & C. S.r.l., Piazza Castello, 1, 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53470** (13) A1

(21) PCT/EP98/02559

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) MI97U000354 (32) **20 May/mai 1997 (20.05.1997)** (33) IT

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01H 9/02, H01R 4/38**

- (54) ● ELECTRICAL TERMINAL WITH FINGER-PROOF PROTECTION
● BORNE ELECTRIQUE A PROTECTION CONTRE LA DECHARGE

(71) **GEWISS S.P.A.** [IT/IT]; Via A. Volta, 1, I-24069 Cenate Sotto (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOSATELLI, Domenico** [IT/IT]; Via Degli Alpini, 13, I-24069 Cenate Sotto (IT). **CONTARDI, Augusto** [IT/IT]; Via Rovani, 7, I-21100 Varese (IT). **PIANEZZOLA, Sergio** [IT/IT]; Via della Fratellanza, 21, I-21100 Calcinatè del Pesce (IT).

(74) **FORATTINI, Amelia**; Internazionale Brevetti Ingg. Zini, Maranesi & C. s.r.l., Piazza Castello, 1, 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53471** (13) A1

(21) PCT/JP98/02190

(22) **19 May/mai 1998 (19.05.1998)**

(25) ja (26) ja

(31) 9/129258 (32) **20 May/mai 1997 (20.05.1997)** (33) JP

(31) 9/129265 (32) **20 May/mai 1997 (20.05.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01H 25/04, B60S 1/08, B62D 1/04, B60R 16/02**

- (54) ● AUTOMOTIVE COMBINATION SWITCH
● COMMUTEUR MULTIPLE POUR AUTOMOBILE

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

(72, 75) **UEHIRA, Kiyotaka** [JP/JP]; 13-10, Komatsu 1-chome, Higashiyodogawa-ki, Osaka-shi, Osaka 533-0004 (JP). **KAWASAKI, Shusaku** [JP/JP]; 16-2-920, Izuo 1-chome, Taisyō-ku, Osaka-shi, Osaka 551-0031 (JP).

(74) **TAKIMOTO, Tomoyuki** et al. / etc.; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

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

Published / Publiée : (a)

(11) **WO 98/53472** (13) A2

(21) PCT/GB98/01462

(22) **21 May/mai 1998 (21.05.1998)**

(25) en (26) en

(31) 9710467.3 (32) **21 May/mai 1997 (21.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01H 56/00**

- (54) ● SWITCH ASSEMBLIES
● ENSEMBLE COMMUTEUR

(71) **STARPOINT ELECTRICS LIMITED** [GB/GB]; 188 Garth Road, Morden, Surrey SM4 4NH (GB). **BARCREST LIMITED** [GB/GB]; Margaret Street, Ashton under Lyne, Lancashire OL7 0QQ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARCHINI, Barry, Allen** [GB/GB]; Beech Lodge, Old Brighton Road, Pease Pottage, West Sussex RH11 9AJ (GB). **RANDALL, Dov, Liam** [GB/GB]; 119 Higher Lane, Whitefield, Manchester M45 7WZ (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53473** (13) A1

(21) PCT/EP98/02557

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) MI97A001171 (32) **20 May/mai 1997 (20.05.1997)** (33) IT

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01H 71/52**

- (54) ● KINEMATIC SYSTEM FOR ACTUATING THE MOVABLE CONTACT OF AUTOMATIC ELECTRIC BREAKERS

- SYSTEME CINEMATIQUE PERMETTANT D'ACTIONNER LE CONTACT MOBILE DE DISJONCTEURS ELECTRIQUES AUTOMATIQUES

(71) **GEWISS S.P.A.** [IT/IT]; Via A. Volta, 1, I-24069 Cenate Sotto (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOSATELLI, Domenico** [IT/IT]; Via degli Alpini, 13, I-24069 Cenate Sotto (IT). **CONTARDI, Augusto** [IT/IT]; Via Rovani, 7, I-21100 Varese (IT). **PIANEZZOLA, Sergio** [IT/IT]; Via della Fratellanza, 21, I-21100 Calcinatè del Pesce (IT).

(74) **FORATTINI, Amelia**; Internazionale Brevetti Ingg. Zini Maranesi & C. S.r.l., Piazza Castello, 1, 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/53474** (13) A2

(21) PCT/US98/10327

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 60/047,351 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(31) 60/047,350 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01J**

- (54) ● NON-ROTATING ELECTRODELESS LAMP CONTAINING MOLECULAR FILL

- LAMPE SANS ELECTRODE, NON ROTATIVE, CONTENANT UNE SUBSTANCE DE REMPLISSAGE MOLECULAIRE

(71) **FUSION LIGHTING, INC.** [US/US]; 7524 Standish Place, Rockville, MD 20855-2730 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LENG, Yongzhang** [CN/US]; 3 Crosscut Court, Damascus, MD 20872 (US). **TURNER, Brian, P.** [US/US]; 10235 Crosscut Way, Damascus, MD 20872 (US). **SIMPSON, James, E.** [US/US]; 8 Cottonwood Court, Gaithersburg, MD 20877 (US).

(74) **STEINER, Paul, E.**; Fusion Lighting, Inc., 7524 Standish Place, Rockville, MD 20855-2730 (US) et al. / etc.

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

(11) **WO 98/53475** (13) A1

(21) PCT/US98/08957

(22) 5 May/mai 1998 (05.05.1998)

(25) en (26) en

(31) 60/047,093 (32) 20 May/mai 1997 (33) US (20.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ H01J 1/02, F21V 7/00(54) ● LAMP BULB WITH INTEGRAL REFLECTOR
● AMPOULE DE LAMPE COMPORTANT UN REFLECTEUR SOLIDAIRE(71) FUSION LIGHTING, INC. [US/US]; 7524 Standish Place, Rockville, MD 20855-2730 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEVIN, Izrail [US/US]; 3822 Bel Pre Road #5, Silver Spring, MD 20906 (US). SHANKS, Bruce [US/US]; 22221 Creekview Drive, Gaithersburg, MD 20882 (US). SUMNER, Thomas, L. [US/US]; 11925 Viers Mill Road #103, Wheaton, MD 20906 (US).

(74) STEINER, Paul, E.; Fusion Lighting, Inc., 7524 Standish Place, Rockville, MD 20855-2730 (US) et al. / etc.

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

(11) WO 98/53476 (13) A1

(21) PCT/US98/10366

(22) 20 May/mai 1998 (20.05.1998)

(25) en (26) en

(31) 08/859,692 (32) 21 May/mai 1997 (33) US (21.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ H01J 9/02(54) ● A FIELD EMISSION DEVICE
● DISPOSITIF A EMISSION PAR EFFET DE CHAMP

(71) SI DIAMOND TECHNOLOGY, INC. [US/US]; 12100-A Technology Boulevard, Austin, TX 78727 (US).

(72) YANIV, Zvi; 5810 Long Court, Austin, TX 78730 (US). FINK, Richard, Lee; 11406 Bunting Drive, Austin, TX 78759 (US). TOLT, Zhidan, Le; 7920 San Felipe Boulevard #1412, Austin, TX 78729 (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 CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) WO 98/53477 (13) A1

(21) PCT/US98/09439

(22) 11 May/mai 1998 (11.05.1998)

(25) en (26) en

(31) 08/862,225 (32) 23 May/mai 1997 (33) US (23.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ H01J 9/227

(54) ● COLOR CATHODE-RAY TUBE HAVING PHOSPHOR ELEMENTS DEPOSITED ON AN IMPERFORATE MATRIX BORDER

● TUBE CATHODIQUE COULEURS AVEC ELEMENTS DE PHOSPHORE DEPOSES SUR UNE MATRICE NON PERFOREE

(71) THOMSON CONSUMER ELECTRONICS, INC. [US/US]; 10330 North Meridian Street, Indianapolis, IN 46290-1024 (US).

(72) GOROG, Istvan; 1275 Wheatland Avenue, Lancaster, PA 17603 (US). MATEY, James, Regis; 178 North Hamilton Avenue, Mercerville, NJ 08619 (US). SIMMS, Robert, Edward; 36 Hornerstown Road, Cream Ridge, NJ 08514 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) WO 98/53478 (13) A1

(21) PCT/JP98/02249

(22) 22 May/mai 1998 (22.05.1998)

(25) en (26) en

(31) 9/134057 (32) 23 May/mai 1997 (33) JP (23.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ H01J 9/38, 29/88

(54) ● A CATHODE RAY TUBE GLASS, A METHOD FOR PRODUCING THE CATHODE RAY TUBE GLASS, AND A METHOD FOR CLEANING THE CATHODE RAY TUBE GLASS

● VERRE DE TUBE CATHODIQUE, SON PROCEDE DE PRODUCTION ET DE NETTOYAGE

(71) ASAHU GLASS COMPANY LTD. [JP/JP]; 1-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(72) SASAKI, Mikio; Asahi Glass Company Ltd. Funabashi Kojo, 10-1, Kitahoncho 1-chome, Funabashi-shi, Chiba 273-0864 (JP). ROKUDAI, Satoshi; Asahi Glass Company Ltd. Funabashi Kojo, 10-1, Kitahoncho 1-chome, Funabashi-shi, Chiba 273-0864 (JP).

(74) OGAWA, Toshiharu et al. / etc.; Torimoto Kogyo Building, 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo 101-0042 (JP).

(81) ID.

Published / Publiée : (c)

(11) WO 98/53479 (13) A1

(21) PCT/IT98/00117

(22) 12 May/mai 1998 (12.05.1998)

(25) en (26) en

(31) MI97A001202 (32) 22 May/mai 1997 (33) IT (22.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ H01J 9/395

(54) ● DEVICE AND METHOD FOR INTRODUCING SMALL AMOUNTS OF MERCURY INTO FLUORESCENT LAMPS

● DISPOSITIF ET PROCEDE POUR INTRODUIRE DE PETITES QUANTITES DE MERCURE DANS DES LAMPES FLUORESCENTES

(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) GIORGI, Stefano, Paolo [IT/IT]; Via San Carlo, 126, I-20017 Rho (IT). BORGHI, Mario [IT/IT]; Via Mazzini, 12, I-20030 Barlassina (IT).

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

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(11) WO 98/53480 (13) A1

(21) PCT/US98/09915

(22) 15 May/mai 1998 (15.05.1998)

(25) en (26) en

(31) 08/858,235 (32) 19 May/mai 1997 (33) US (19.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ H01J 17/00(54) ● MICRODISCHARGE LAMP
● LAMPE A MICRODECHARGE

(71) THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS [US/US]; 352 Henry Administration Building, 506 South Wright Street, Urbana, IL 61801 (US).

(72) DETEMPLE, Thomas, A.; 1300 Mayfair Road, Champaign, IL 61821 (US). FRAME, James; Apartment 101, 111 East Healey, Champaign, IL 61820 (US). WHEELER, David, J.; 412 West Springfield Avenue, Urbana, IL 61801 (US). EDEN, J., Gary; 513 West Taylor Drive, Mahomet, IL 61853 (US).

(74) FALLON, Steven, P.; Greer, Burns & Crain, Ltd., Suite 8660, Sears Tower, 233 South Wacker Drive, Chicago, IL 60606 (US).

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

Published / Publiée : (c)

(11) WO 98/53481 (13) A1

(21) PCT/EP98/02853

(22) 14 May/mai 1998 (14.05.1998)

(25) en (26) en

(31) 9710019.2 (32) 16 May/mai 1997 (33) GB (16.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ H01J 29/84

- (54) ● ELECTRON BEAM APERTURE ELEMENT
● ELEMENT D'OUVERTURE POUR FAISCEAU ELECTRONIQUE
- (71) **LEICA LITHOGRAPHY SYSTEMS LTD.** [GB/GB]; Clifton Road, Cambridge CB1 3QH (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ZHANG, Tao** [GB/GB]; 15 Bullen Close, Cambridge CB1 4YU (GB).
- (81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/53482** (13) A1
(21) PCT/US98/10770
(22) **21 May/mai 1998 (21.05.1998)**
(25) en (26) en
(31) 08/862,272 (32) **23 May/mai 1997 (23.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **H01J 37/32, 37/34, H01L 21/00**
- (54) ● APPARATUS FOR COUPLING POWER THROUGH A WORKPIECE IN A SEMICONDUCTOR WAFER PROCESSING SYSTEM
● APPAREIL PERMETTANT LE COUPLAGE DE PUISSANCE A TRAVERS UNE PIECE DANS UN SYSTEME DE TRAITEMENT DE PLAQUETTES A SEMI-CONDUCTEUR
- (71) **APPLIED MATERIALS, INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).
- (72) **VAN GOGH, James**; 1239 Van Dyck Drive, Sunnyvale, CA 94087 (US).
- (74) **MOSER, Raymond, R., Jr.** et al. / etc.; Applied Materials, Inc., P.O. Box 450A, Santa Clara, CA 95052 (US).
- (81) JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/53483** (13) A1
(21) PCT/FR98/00998
(22) **19 May/mai 1998 (19.05.1998)**
(25) fr (26) fr
(31) 97/06333 (32) **23 May/mai 1997 (23.05.1997)** (33) FR
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **H01L 21/00, G01P 15/08**
- (54) ● METHOD FOR MAKING A MACHINED SILICON MICRO-SENSOR
● PROCEDE DE FABRICATION D'UN MICRO-CAPTEUR EN SILICIUM USINE
- (71) **SEXTANT AVIONIQUE** [FR/FR]; Aérodrome de Villacoublay, F-78240 Vélizy Villacoublay (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEFORT, Olivier** [FR/FR]; Thomson-CSF Propriété Intellectuelle, Dépt. Protection et Conseil, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR). **THOMAS, Isabelle** [FR/FR]; Thomson-CSF Propriété Intellectuelle, Dépt. Protection et Conseil, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).
- (74) **THOMSON-CSF PROPRIETE INTELLECTUELLE**; Dépt. Protection et Conseil, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).

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

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- (11) **WO 98/53484** (13) A1
(21) PCT/JP98/02094
(22) **12 May/mai 1998 (12.05.1998)**
(25) en (26) en
(31) 9/145856 (32) **20 May/mai 1997 (20.05.1997)** (33) JP
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **H01L 21/00**
- (54) ● PROCESSING APPARATUS
● APPAREIL DE TRAITEMENT
- (71) **TOKYO ELECTRON LIMITED** [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HAYASHI, Kazuichi** [JP/JP]; 4922-9, Kofuchucho, Kofu-shi, Yamanashi-ken 400-0014 (JP).
- (74) **SUZUYE, Takehiko** et al. / etc.; Suzuye & Suzuye, 7-2, Kasumigasaki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) JP KR US.

- (11) **WO 98/53485** (13) A1
(21) PCT/JP98/02253
(22) **21 May/mai 1998 (21.05.1998)**
(25) en (26) en
(31) 9/133917 (32) **23 May/mai 1997 (23.05.1997)** (33) JP
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **H01L 21/00**
- (54) ● BUMP FORMING METHOD AND BUMP BONDER
● CONTACT A BOSSES ET PROCEDE DE REALISATION
- (71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; Kadoma-shi 1006, Oaza Kadoma, Osaka 571-0050 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MAE, Takaharu** [JP/JP]; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-0050 (JP). **MAYAHARA, Kiyoshi** [JP/JP]; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-0050 (JP). **NARITA, Shoriki** [JP/JP]; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-0050 (JP). **WATANABE, Masaya** [JP/JP]; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-0050 (JP). **TAKAKURA, Yuichi** [JP/JP]; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-0050 (JP). **IKEYA, Masahiko** [JP/JP]; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-0050 (JP).
- (74) **ISHIHARA, Masaru**; Fujiwara Building, 5th floor, 13-2, Kyomachi-bori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0003 (JP).
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- (11) **WO 98/53486** (13) A2
(21) PCT/US98/10223
(22) **18 May/mai 1998 (18.05.1998)**
(25) en (26) en
(31) 08/862,537 (32) **23 May/mai 1997 (23.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **H01L 21/00**
- (54) ● ALUMINUM DEPOSITION SHIELD
● ECRAN DE DEPOSITION EN ALUMINIUM
- (71) **APPLIED MATERIALS, INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).
- (72) **SUBRAMANI, Anantha**; 3098 Linkfield Way, San Jose, CA 95135 (US). **DAS, Ashok, K.**; 1235 Wildwood Avenue #48, Sunnyvale, CA 94089 (US). **DeLAURENTIS, Leif, E.**; 19009 Two Bar Road, Boulder Creek, CA 95006 (US). **ROSENSTEIN, Michael**; 1601 Heron Avenue, Sunnyvale, CA 94087 (US).
- (74) **TACKETT, Keith, M.**; Patterson & Streets, L.L.P., Suite 1500, 3040 Post Oak Boulevard, Houston, TX 77056 (US).
- (81) JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/53487** (13) A1
(21) PCT/US98/10479
(22) **21 May/mai 1998 (21.05.1998)**
(25) en (26) en
(31) 08/862,752 (32) **23 May/mai 1997 (23.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **H01L 21/302, B05D 3/00, 3/12, H01B 13/00, B44C 1/22**
- (54) ● PLANARIZATION PROCESS FOR SEMICONDUCTOR SUBSTRATES
● PROCEDE DE PLANARISATION POUR SUBSTRATS SEMI-CONDUCTEURS
- (71) **MICRON TECHNOLOGY, INC.** [US/US]; 8000 South Federal Way, Boise, ID 83706-9632 (US).
- (72) **DOAN, Trung, T.**; 1574 Shenandoah Drive, Boise, ID 83712-6668 (US). **BLALOCK, Guy, T.**; 8101 Silkwood Court, Boise, ID 83704 (US). **DURCAN, Mark**; 4850 Boise River Lane, Boise, ID 83706 (US). **MEIKLE, Scott, G.**; 1301 East Jefferson, Boise, ID 83712 (US).
- (74) **BOND, Laurence, B.** et al. / etc.; Trask, Britt & Rossa, P.O. Box 2550, Salt Lake City, UT 84110 (US).
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- (11) **WO 98/53488** (13) A1
(21) PCT/US98/10252
(22) **19 May/mai 1998 (19.05.1998)**
(25) en (26) en
(31) 08/859,132 (32) **20 May/mai 1997 (20.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **H01L 21/306, C23F 3/00, C09K 13/00**

- (54) ● METHOD FOR POLISHING A COMPOSITE COMPRISING AN INSULATOR, A METAL, AND TITANIUM
● PROCEDE DE POLISSAGE D'UN MATERIAU COMPOSITE COMPRENANT UN ISOLANT, UN METAL ET DU TITANE
- (71) **RODEL HOLDINGS, INC.** [US/US]; 451 Bellevue Road, Newark, DE 19713 (US).
- (72) **SETHURAMAN, Anantha, R.**; 34152 Finnigan Terrace, Fremont, CA 94555 (US). **COOK, Lee, Melbourne**; 20 Bryson Road, Steelville, PA 19310 (US). **WANG, Huey-Ming**; 29 Forrest Creek Drive, Hockessin, DE 19707 (US). **WU, Guangwei**; Apartment 1A, 2909 Crossfork Drive, Wilmington, DE 19808 (US).
- (74) **BENSON, Kenneth, A.**; Rodel Holdings, Inc., 451 Bellevue Road, Newark, DE 19713 (US).
- (81) CN JP KR SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (11) **WO 98/53489** (13) A2
(21) PCT/SE98/00929
(22) **18 May/mai 1998 (18.05.1998)**
(25) en (26) en
(31) 9701934-3 (32) **23 May/mai 1997 (23.05.1997)** (33) SE
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **H01L 21/331, 21/324, 21/265, 29/732, 29/417**
- (54) ● INTEGRATED CIRCUIT COMPONENTS THEREOF AND MANUFACTURING METHOD
● CIRCUIT INTEGRE, COMPOSANTS DE CE CIRCUIT ET PROCEDE DE PRODUCTION
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).
- (72) **NORSTRÖM, Hans, Erik**; Mårdstigen 3, S-170 75 Solna (SE). **HONG, Sam-Hyo**; Solhagavägen 86, S-163 60 Spånga (SE). **LINDGREN, Bo, Anders**; Celsings väg 79, S-192 79 Sollentuna (SE). **LARSSON, Torbjörn**; Väderkvarnsgatan 54 A, S-753 26 Uppsala (SE).
- (74) **ERICSSON COMPONENTS AB**; Dept. for Intellectual Property Rights, S-164 81 Stockholm (SE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53490** (13) A1
(21) PCT/US98/10291
(22) **19 May/mai 1998 (19.05.1998)**
(25) en (26) en
(31) 08/861,562 (32) **22 May/mai 1997 (22.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **H01L 21/332, 29/745**
- (54) ● A ONE MASK, POWER SEMICONDUCTOR DEVICE FABRICATION PROCESS
● PROCEDE DE FABRICATION D'UN SEMI-CONDUCTEUR DE PUISSANCE A UN SEUL MASQUE
- (71) **HARRIS CORPORATION** [US/US]; 1025 West Nasa Boulevard, Melbourne, FL 32919 (US).
- (72) **TEMPLE, Victor, A., K.**; 962 Main Street, Clifton Park, NY 12065 (US).
- (74) **NIYOGI, Bidyut, K.**; Harris Corporation, 1025 West Nasa Boulevard, MS80, Melbourne, FL 32919 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/53491** (13) A2
(21) PCT/IB98/00633
(22) **27 Apr/avr 1998 (27.04.1998)**
(25) en (26) en
(31) 97201562.2 (32) **23 May/mai 1997 (23.05.1997)** (33) EP
(34) NL et al. / etc.
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **H01L 21/336**
- (54) ● MANUFACTURE OF A SEMICONDUCTOR DEVICE WITH A MOS TRANSISTOR HAVING AN LDD STRUCTURE
● FABRICATION D'UN DISPOSITIF A SEMI-CONDUCTEUR DOTE D'UN TRANSISTOR MOS COMPORANT UNE STRUCTURE DE DRAIN FAIBLEMENT DOPE
- (71) **KONINKLIJKE PHILIPS ELECTRONICS** N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (71) **PHILIPS AB** [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).
(only for / seulement pour SE)
- (72) **SCHMITZ, Jurriaan**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **PONOMAREV, Youri, V.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **WOERLEE, Pierre, Hermanus**; 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; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/53492** (13) A1
(21) PCT/US98/06138
(22) **27 Mar/mar 1998 (27.03.1998)**
(25) en (26) en
(31) 08/859,160 (32) **20 May/mai 1997 (20.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **H01L 21/336, 29/78**
- (54) ● MOFSET IN A TRENCH AND METHOD OF MANUFACTURE THEREOF
● TRANSISTOR A EFFET DE CHAMP METAL-OXYDE SEMI-CONDUCTEUR DANS UNE TRANCHEE ET PROCEDE DE FABRICATION
- (71) **ADVANCED MICRO DEVICES, INC.** [US/US]; One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US).
- (72) **MAY, Charles, E.**; 10503 Ames Lane, Austin, TX 78739 (US). **DAWSON, Robert**; 3504 Beartree Circle, Austin, TX 78730 (US).
- (74) **DRAKE, Paul, S.**; 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 98/53493** (13) A1
(21) PCT/US98/10644
(22) **22 May/mai 1998 (22.05.1998)**
(25) en (26) en
(31) 60/047,531 (32) **23 May/mai 1997 (23.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **H01L 21/44, 21/48, 21/50**
- (54) ● A SYSTEM AND METHOD FOR PACKAGING INTEGRATED CIRCUITS
● SYSTEME ET PROCEDE D'ENCAPSULATION DE CIRCUITS INTEGRES
- (63) US 60/047,531 (CIP)
23 May/mai 1997 (23.05.1997)
- (71) **ALPINE MICROSYSTEMS, INC.** [US/US]; 200 East Hacienda Avenue, Campbell, CA 95008 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GOETZ, Martin, P.** [US/US]; 2229 Prestweick Drive, Discovery Bay, CA 94514 (US). **BROWN, Sammy, K.** [US/US]; 111 Loma Vista Court, Los Gatos, CA 95032-2419 (US). **AVERY, George, E.** [US/US]; 20151 Seagull Way, Saratoga, CA 95070 (US). **WIGGIN, Andrew, K.** [US/US]; 2063 Birch Avenue, San Carlos, CA 94070 (US). **TODD, Tom, L.** [US/US]; 1500 Camino Monde, San Jose, CA 95125 (US). **BEAL, Samuel, W.** [US/US]; 181 Ortega Avenue, Mountain View, CA 94040 (US).
- (74) **BROOKS, Kenneth, C.** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/53494** (13) A1
(21) PCT/US98/09066
(22) **4 May/mai 1998 (04.05.1998)**
(25) en (26) en
(31) 08/862,804 (32) **23 May/mai 1997 (23.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **H01L 21/60, H05K 3/34**
- (54) ● METHOD OF MANUFACTURING A PATTERNED ARRAY OF SOLDER BUMPS

- PROCÉDE SERVANT A FABRIQUER UN ENSEMBLE STRUCTURE DE GLOBULES DE SOUDURE

(71) **MINNESOTA MINNING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **KOSKENMAKI, David, C.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **SCHUELLER, Randolph, D.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **MCCOLLAM, Robert, P.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **GWIN, H., Sanders 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53495** (13) A1

(21) PCT/US98/10350

(22) **21 May/mai 1998 (21.05.1998)**

(25) en (26) en

(31) 08/861,965 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01L 21/60, 21/603**

- (54) ● FINE PITCH BONDING TOOL FOR CONSTRAINED BONDING
- DISPOSITIF DE SOUDURE A PAS FIN POUR SOUDURE SOUS CONTRAINTE

(71) **KULICKE AND SOFFA INVESTMENTS, INC.** [US/US]; Suite 533, 300 Delaware Avenue, Wilmington, DE 19801-1622 (US).

(72) **HADAR, Ilan**; Margalite Street 19, 34464 Haifa (IL). **SHKLAR, Avishai**; House #50, 40200 (IL).

(74) **SOWELL, John, B.**; 182 Midfield Road, Ardmore, PA 19003-3213 (US).

(81) CN JP KR SG.

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(11) **WO 98/53496** (13) A1

(21) PCT/US98/10212

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 08/858,258 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01L 21/66, G01P 1/02**

- (54) ● A METHOD FOR MANUFACTURING ENCAPSULATED SEMICONDUCTOR DEVICES
- PROCÉDE DE FABRICATION DE DISPOSITIFS A SEMI-CONDUCTEUR ENCAPSULES

(71) **ITT MANUFACTURING ENTERPRISES, INC.** [US/US]; 1105 North Market Street, Wilmington, DE 19801 (US).

(72) **TOLA, Jeffrey**; 5025 Kings Gate Way, Bloomfield, MI 48302 (US). **McARDLE, David, J.**; 602 E. LaSalle, Royal Oak, MI 48073 (US). **THEUT, Joseph, W.**; 14377 Dunstable Drive, Shelby Township, MI 48315 (US). **BIALOKUR, Donald, W.**; 3880 Bald Eagle Lake Road, Holly, MI 48442 (US).

(74) **COPPOLA, Joseph, V., Sr.**; Rader, Fishman & Grauer PLLC, Suite 140, 1533 North Woodward Avenue, Bloomfield Hills, MI 48304 (US).

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

(11) **WO 98/53497** (13) A1

(21) PCT/US98/06444

(22) **2 Apr/avr 1998 (02.04.1998)**

(25) en (26) en

(31) 08/861,553 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01L 21/762, 29/06**

- (54) ● METHOD FOR MOS TRANSISTOR ISOLATION

- PROCÉDE D'ISOLATION DE TRANSISTOR A EFFET DE CHAMP METAL-OXYDE SEMI-CONDUCTEUR (MOS)

(71) **ADVANCED MICRO DEVICES, INC.** [US/US]; One AMD Place, Mail Stop 68, P.O. Box 3453, Sunnyvale, CA 94088-3453 (US).

(72) **LIU, Yowjuang, W.**; 1213 Tivoli Way, San Jose, CA 95120 (US). **MEHTA, Sunil, D.**; 1038 Chessington Drive, San Jose, CA 95131 (US).

(74) **RODDY, Richard, J.**; One AMD Place, Mail Stop 68, P.O. Box 3453, Sunnyvale, CA 94088-3453 (US).

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

(11) **WO 98/53498** (13) A1

(21) PCT/US98/09214

(22) **13 May/mai 1998 (13.05.1998)**

(25) en (26) en

(31) 08/862,687 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01L 23/04**

- (54) ● IMPROVED SOLDER BALL JOINT

- JOINT A GLOBULE DE SOUDURE AMÉLIORÉ

(71) **AMKOR ELECTRONICS, INC.** [US/US]; 1900 South Price Road, Chandler, AZ 85248 (US).

(72) **GLENN, Thomas, P.**; 1001 S. Crown Key Court, Gilbert, AZ 85233 (US). **HOLLAWAY, Roy, D.**; KM 22 East Service Road, South Superhighway, Muntinlupa City 1702 (PH). **PANCZAK, Anthony, E.**; Apartment H206, 655 S. Fair Oaks, Sunnyvale, CA 94086 (US).

(74) **MacDONALD, Thomas, S.**; Skjervén, Morrill, MacPherson, Franklin & Friel LLP, Suite 700, 25 Metro Drive, San Jose, CA 95110 (US).

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

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(11) **WO 98/53499** (13) A1

(21) PCT/IL98/00230

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 120866 (32) **20 May/mai 1997 (20.05.1997)** (33) IL

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01L 23/522, 23/538, C25D 11/00, 11/04, 11/22**

- (54) ● SUBSTRATE FOR ELECTRONIC PACKAGING, PIN JIG FIXTURE

- SUBSTRAT D'ENCAPSULATION DE COMPOSANTS ELECTRONIQUES, GABARIT DE MONTAGE A BROCHES

(71) **MICRO COMPONENTS LTD.** [IL/IL]; D.N., 20179 Misgav (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NEFTIN, Shimon** [IL/IL]; Eshkol Street 813/20, 10200 Kiryat Shmona (IL). **MIRSKY, Uri** [IL/IL]; Hagalil Street 13, 36001 Nofit (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/53500** (13) A1

(21) PCT/US98/09779

(22) **14 May/mai 1998 (14.05.1998)**

(25) en (26) en

(31) 08/858,422 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01L 25/00, 31/00, H02N 6/00**

- (54) ● INTERDIGITATED PHOTOVOLTAIC POWER CONVERSION DEVICE

- DISPOSITIF DE CONVERSION DE PUISSANCE PHOTOVOLTAIQUE INTERDIGITE

(71) **MIDWEST RESEARCH INSTITUTE** [US/US]; 425 Volker Boulevard, Kansas City, MO 64110 (US).

(72) **WARD, James, Scott**; 3084 S. Bannock, Englewood, CO 80110 (US). **WANLASS, Mark, Woodbury**; 2104 Douglas Mountain Road, Golden, CO 80403 (US). **GESSERT, Timothy, Arthur**; 29801 Kennedy Gulch Road, Conifer, CO 80433 (US).

(74) **RICHARDSON, Ken**; National Renewable Energy Laboratory, 1617 Cole Boulevard, Golden, CO 80401 (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 ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/53501** (13) A2

(21) PCT/IB98/00337

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) 9710301.4 (32) **21 May/mai 1997 (21.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01L 27/146, 31/0352**

(54) ● IMAGE SENSOR AND ITS MANUFACTURE
● CAPTEUR D'IMAGES ET SON PROCEDE DE FABRICATION

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

(71) **PHILIPS AB** [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **BIRD, Neil, Christopher**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **FRENCH, Ian, Douglas**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **McGARVEY, Brian, Patrick**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **ERTL, Nicholas, 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).

(11) **WO 98/53502** (13) A1

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(22) **22 May/mai 1997 (22.05.1997)**

(25) ja (26) ja

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01L 29/732, 29/205, 29/45, 29/80**

(54) ● SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING THE SAME
● DISPOSITIF A SEMI-CONDUCTEUR ET SON PROCEDE DE FABRICATION

(71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP).
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(72, 75) **KADOIWA, Kaoru** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP). **UNEME, Yutaka** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP).

(74) **MIYATA, Kaneo** et al. / etc.; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-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).

(11) **WO 98/53503** (13) A1

(21) PCT/EP98/02305

(22) **18 Apr/avr 1998 (18.04.1998)**

(25) de (26) de

(31) 197 21 655.2 (32) **23 May/mai 1997 (23.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01L 29/74, 27/02, H03K 17/082**

(54) ● SELF-PROTECT THYRISTOR
● THYRISTOR A AUTO PROTECTION

(71) **DAIMLER-BENZ AKTIENGESELLSCHAFT** [DE/DE]; Epplestrasse 225, D-70546 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CONSTAPEL, Rainer** [DE/DE]; Letzter Hasenpfad 29, D-60598 Frankfurt (DE). **SCHLANGENOTTO, Heinrich** [DE/DE]; Stoltzstrasse 86, D-63263 Neu-Isenburg (DE). **XU, Shuming** [CN/SG]; 29 A Hillview Avenue #03-06, Singapore Hillview Heights (SG).

(74) **MAUTE, Hans-Jürgen**; Daimler-Benz Aktiengesellschaft, Intellectual Property Management, Postfach 35 35, D-74025 Heilbronn (DE).

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

(11) **WO 98/53504** (13) A1

(21) PCT/AT98/00105

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) de (26) de

(31) A 861/97 (32) **21 May/mai 1997 (21.05.1997)** (33) AT

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01L 29/76**

(54) ● SINGLE-ELECTRON MEMORY COMPONENT
● COMPOSANT DE MEMOIRE A UN ELECTRON

(71, 72) **WASSHUBER, Christoph** [AT/AT]; Favoritenstrasse 89/2/11, A-1100 Wien (AT).

(74) **SONN, Helmut** et al. / etc.; Riemergasse 14, 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 IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53505** (13) A2

(21) PCT/IB98/00631

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 97201541.6 (32) **23 May/mai 1997 (23.05.1997)** (33) EP

(34) NL et al. / etc.

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01L 29/78, 29/91**

(54) ● LATERAL MOS TRANSISTOR DEVICE

● DISPOSITIF DE TRANSISTOR MOS LATERAL

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

(71) **PHILIPS AB** [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **JOS, Hendrikus, Ferdinand, Franciscus**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **HOUBIERS, Ernest, E., M., G.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).

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

(11) **WO 98/53506** (13) A1

(21) PCT/JP98/02207

(22) **18 May/mai 1998 (18.05.1998)**

(25) ja (26) ja

(31) 9/133965 (32) **23 May/mai 1997 (23.05.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01L 29/788, 21/8247**

(54) ● FERROELECTRIC MEMORY ELEMENT AND METHOD OF PRODUCING THE SAME
● ELEMENT DE MEMOIRE FERROELECTRIQUE ET SON PROCEDE DE PRODUCTION

(71) **ROHM CO., LTD.** [JP/JP]; 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-0045 (JP).
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(72, 75) **NAKAMURA, Takashi** [JP/JP]; Rohm Co., Ltd., 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-0045 (JP). **FUJIMORI, Yoshikazu** [JP/JP]; Rohm Co., Ltd., 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-0045 (JP).

(74) **FURUTANI, Hideo** et al. / etc.; No. 2 Mizukawa-Building, 23-20, Esaka-cho 1-chome, Suita-City, Osaka 564-0063 (JP).

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

(11) **WO 98/53507** (13) A1

(21) PCT/US98/10266

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 08/858,994 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01L 33/00, B32B 17/06, H01J 1/62**

(54) ● SATURATED FULL COLOR STACKED ORGANIC LIGHT EMITTING DEVICES
● DEL ORGANIQUES EMPILEES PLEINE COULEUR SATUREES

(71) **THE TRUSTEES OF PRINCETON UNIVERSITY** [US/US]; P.O. Box 36, Princeton, NJ 08544 (US).

(72) **SHEN, Zilan**; 20212 Heather Drive, Lawrenceville, NJ 08648 (US). **FORREST, Stephen, R.**; 148 Hunt Drive, Princeton, NJ 08540 (US). **BURROWS, Paul**; 413 Clarksville Road, Princeton Junction, NJ 08550 (US).

- (74) **MEAGHER, Thomas, F.** et al. / etc.; Kenyon & Kenyon, One Broadway, 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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LV LU MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/53508** (13) A1
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(31) 60/046,938 (32) **19 May/mai 1997 (19.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **H01L 41/08**
- (54) ● FEEDBACK CONTROL SYSTEM FOR ULTRASOUND PROBE
● SYSTEME RETROACTIF DE COMMANDE D'UNE SONDE A ULTRASONS
- (71) **ANGIOSONICS, INC.** [US/US]; Suite 207, 2200 Gateway Centre Boulevard, Morrisville, NC 27560 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WENG, Lee** [US/US]; 4452 170th Avenue, S.E., Bellevue, WA 98006 (US). **POPOW, John** [US/US]; 100 Bebington Drive, Cary, NC 27513 (US). **BELL, Phil** [US/US]; 5004 Deer Hill Court, Raleigh, NC 27613 (US). **ROSENSCHEIN, Uri** [IL/IL]; 73125 Kfar Daniel (IL). **KLEIN, Richard, B.** [US/US]; 107 Marseille Place, Cary, NC 27562 (US).

- (74) **POKOTILOV, Steven, B.** et al. / etc.; Stroock & Stroock & Lavan LLP, 180 Maiden Lane, New York, NY 10038 (US).

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

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- (11) **WO 98/53509** (13) A1
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(25) en (26) en
(43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **H01L 41/09**
- (54) ● PIEZOELECTRIC MOTOR
● MOTEUR PIEZOELECTRIQUE
- (71) **NANOMOTION LTD.** [IL/IL]; P.O. Box 223, 20692 Yoqne'am Ilit (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RAFAELI, Izhak** [IL/IL]; Maayan Street 5, 34484 Haifa (IL).

- (74) **FENSTER, Paul** et al. / etc.; Fenster & Company, P.O. Box 2741, 49127 Petach Tikva (IL).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB 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 98/53510** (13) A1
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(31) 9710344.4 (32) **21 May/mai 1997 (21.05.1997)** (33) GB
(43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **H01L 51/20, 27/15**
- (54) ● PATTERNING ORGANIC LIGHT-EMITTING DEVICES
● SILHOUETTAGE DE DISPOSITIFS ELECTROLUMINESCENTS ORGANIQUES
- (71) **CAMBRIDGE DISPLAY TECHNOLOGY LTD.** [GB/GB]; 181A Huntingdon Road, Cambridge CB3 0DJ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PICHLER, Karl** [AT/GB]; 3 Victoria Park, Cambridge CB4 3EJ (GB). **BRIGHT, Christopher** [GB/GB]; 3 Van Gogh Place, St. Ives, Huntingdon, Cambs. PE17 6HE (GB).
- (74) **SLINGSBY, Philip, Roy** et al. / etc.; Page White & Farrer, 54 Doughty Street, London WC1N 2LS (GB).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/53511** (13) A1
(21) PCT/JP98/02127
(22) **13 May/mai 1998 (13.05.1998)**
(25) ja (26) ja
(31) 9/128353 (32) **19 May/mai 1997 (19.05.1997)** (33) JP
(43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **H01M 4/58, 4/02, 10/40**
- (54) ● CARBONACEOUS MATERIAL FOR THE ANODE OF LITHIUM ION SECONDARY CELL AND LITHIUM ION SECONDARY CELL MADE BY USING THE CARBONACEOUS MATERIAL
● MATERIAU CARBONE POUR CONSTITUER L'ANODE D'UNE PILE SECONDAIRE A IONS LITHIUM, ET PILE SECONDAIRE A IONS LITHIUM REALISE AU MOYEN DUDIT MATERIAU CARBONE
- (71) **TOYO TANSO CO., LTD.** [JP/JP]; 7-12, Takeshima 5-chome, Nishiyodogawa-ku, Osaka-shi, Osaka 555-0011 (JP).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **SAKAGOSHI, Haruo** [JP/JP]; Engineering & Development Center, Toyo Tanso Co., Ltd., 2181-2, Nakahime, Ohnohara-cho, Mitoyo-gun, Kagawa 769-1612 (JP). **SASAKI, Akihito** [JP/JP]; Engineering & Development Center, Toyo Tanso Co., Ltd., 2181-2, Nakahime, Ohnohara-cho, Mitoyo-gun, Kagawa 769-1612 (JP). **TANAKA,**

- Udai** [JP/JP]; Engineering & Development Center, Toyo Tanso Co., Ltd., 2181-2, Nakahime, Ohnohara-cho, Mitoyo-gun, Kagawa 769-1612 (JP). **ITO, Masayuki** [JP/JP]; Engineering & Development Center, Toyo Tanso Co., Ltd., 2181-2, Nakahime, Ohnohara-cho, Mitoyo-gun, Kagawa 769-1612 (JP). **TAKEUCHI, Tadashi** [JP/JP]; Engineering & Development Center, Toyo Tanso Co., Ltd., 2181-2, Nakahime, Ohnohara-cho, Mitoyo-gun, Kagawa 769-1612 (JP). **OKUBO, Hiroshi** [JP/JP]; Engineering & Development Center, Toyo Tanso Co., Ltd., 2181-2, Nakahime, Ohnohara-cho, Mitoyo-gun, Kagawa 769-1612 (JP).

- (74) **KAJI, Yoshiyuki**; Recruit Shin Osaka Building, 14-22, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).

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

- (11) **WO 98/53512** (13) A1
(21) PCT/JP98/02211
(22) **20 May/mai 1998 (20.05.1998)**
(25) ja (26) ja
(31) 9/144529 (32) **20 May/mai 1997 (20.05.1997)** (33) JP
(43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **H01M 4/80, 4/66, 10/00, C23F 1/00**

- (54) ● METHOD FOR MANUFACTURING PERFORATED STEEL SHEETS, CORES FOR ELECTRODE PLATES OF SECONDARY CELLS, AND SECONDARY CELL COMPRISING THE CORE
● PROCEDE DE FABRICATION DE TOLES EN ACIER PERFOREES, NOYAUX POUR PLAQUES ELECTRODES DE PILES SECONDAIRES, ET PILES SECONDAIRES COMPRENANT UN TEL NOYAU

- (71) **TOYO KOHAN CO., LTD.** [JP/JP]; 4-3, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8911 (JP).
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- (72, 75) **YAMANE, Keiji** [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi-ken 744-8611 (JP). **YAMAZAKI, Yuji** [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi-ken 744-8611 (JP). **KOIKE, Kazuyuki** [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi-ken 744-8611 (JP).

- (74) **OHTA, Akio**; Toyo Kohan Co., Ltd., 4-3, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8911 (JP).

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

- (11) **WO 98/53513** (13) A1
(21) PCT/EP98/02929
(22) **19 May/mai 1998 (19.05.1998)**
(25) de (26) de
(31) 197 21 546.7 (32) **23 May/mai 1997 (23.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01M 4/88, 4/86, 8/14**

(54) ● DOUBLE LAYER CATHODE FOR MOLTEN CARBONATE FUEL CELLS AND METHOD FOR PRODUCING THE SAME

● CATHODE A DOUBLE COUCHE POUR PILES A COMBUSTIBLE A CARBONATE FONDU ET SON PROCEDE DE FABRICATION

(71) **MTU MOTOREN- UND TURBINEN-UNION FRIEDRICHSHAFEN GMBH** [DE/DE]; D-88040 Friedrichshafen (DE).

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(72, 75) **PROHASKA, Armin** [DE/DE]; An der Laue 1, D-89584 Ehingen (DE). **ROHLAND, Bernd** [DE/DE]; Lehrerstrasse 3, D-89081 Ulm (DE). **BISCHOFF, Manfred** [DE/DE]; Westerhamer Strasse 6, D-83620 Feldkirchen (DE). **PLZAK, Vojtech** [DE/DE]; Hindenburgstrasse 71, D-73207 Plochingen (DE).

(74) **WINTER, Josef**; MTU Motoren- und Turbinen-Union Friedrichshafen GmbH, D-88040 Friedrichshafen (DE).

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

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(11) **WO 98/53514** (13) A1

(21) PCT/US98/06290

(22) **31 Mar/mar 1998 (31.03.1998)**

(25) en (26) en

(31) 08/859,234 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01M 8/02, 8/24**

(54) ● PROTON EXCHANGE MEMBRANE FUEL CELL BIPOLAR SEPARATOR PLATE

● PLAQUE SEPARATRICE BIPOLAIRE DE CELLULE ELECTROCHIMIQUE A MEMBRANE ECHANGEUSE DE PROTONS

(71) **INSTITUTE OF GAS TECHNOLOGY** [US/US]; 1700 South Mount Prospect Road, Des Plaines, IL 60018 (US).

(72) **KONCAR, Gerald, J.**; 1715 West Charnbrook Lane, McHenry, IL 60050 (US). **MARIANOWSKI, Leonard, G.**; 507 South Elmhurst Road, Mt. Prospect, IL 60056 (US).

(74) **FEJER, Mark, E.** et al. / etc.; Suite 365, 2800 West Higgins Road, Hoffman Estates, IL 60195 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/53515** (13) A1

(21) PCT/DE98/01302

(22) **8 May/mai 1998 (08.05.1998)**

(25) de (26) de

(31) 197 20 688.3 (32) **16 May/mai 1997 (16.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01M 8/10, C25B 9/00, H01M 4/88, C25D 5/56**

(54) ● PRODUCTION OF ELECTROLYTE UNITS BY ELECTROLYTIC DEPOSITION OF A CATALYST

● PRODUCTION D'ELECTRODE DE DIFFUSION GAZEUSE PAR DEPOSIT ELECTROLYTIQUE DU CATALYSEUR

(71) **FORSCHUNGSZENTRUM JÜLICH GMBH** [DE/DE]; Wilhelm-Johnen-Strasse, D-52425 Jülich (DE).

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(72, 75) **DIVISEK, Jiri** [DE/DE]; Gutenbergstrasse 34, D-52428 Jülich (DE). **OETJEN, Hans-Friedrich** [DE/DE]; Ch.-J.-Matzerath-Strasse 4, D-52441 Linnich (DE). **SCHMIDT, Volkmar, Manfred** [DE/DE]; Siegfriedstrasse 4a, D-68519 Viernheim (DE).

(74) **FORSCHUNGSZENTRUM JÜLICH GMBH**; Personal und Recht - Patente (PR-PT), D-52425 Jülich (DE).

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

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(11) **WO 98/53516** (13) A1

(21) PCT/JP98/02279

(22) **25 May/mai 1998 (25.05.1998)**

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(31) 9/133887 (32) **23 May/mai 1997 (23.05.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01M 10/46**

(54) ● BATTERY PACK, ELECTRONIC DEVICE SYSTEM, AND METHOD OF DETECTING ATTACHMENT OF BATTERY PACK

● BLOC-PILES, DISPOSITIF ELECTRONIQUE ET PROCEDE SERVANT A DETECTER LE COUPLAGE DU BLOC-PILES

(71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

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(72, 75) **EGUCHI, Yasuhito** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **YOSHIDA, Kazuhiko** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) **KOIKE, Akira** et al. / etc.; No. 11 Mori Building, 6-4, Toranomon 2-chome, Minato-ku, Tokyo 105-0001 (JP).

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

(11) **WO 98/53517** (13) A1

(21) PCT/US98/10126

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 08/858,582 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01M 12/06, 2/02**

(54) ● METHOD AND APPARATUS FOR JOINING METAL-AIR CELLS

● PROCEDE ET APPAREIL DE RACCORDEMENT D'ELEMENTS METAL-AIR

(71) **AER ENERGY RESOURCES, INC.** [US/US]; Suite 250, 1500 Wilson Way, Smyrna, GA 30082 (US).

(72) **WITZIGREUTER, John, D.**; 1520 Mill Drive, Dallas, GA 30132 (US). **PEDICINI, Christopher, S.**; 1040 Marvin Land Lane, Canton, GA 30115 (US).

(74) **LAFFERTY, William, B.** et al. / etc.; Jones & Askew, LLP, 37th floor, 191 Peachtree Street, N.E., Atlanta, GA 30303 (US).

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

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(11) **WO 98/53518** (13) A1

(21) PCT/FR98/00981

(22) **15 May/mai 1998 (15.05.1998)**

(25) fr (26) fr

(31) 97/06328 (32) **23 May/mai 1997 (23.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01P 1/04**

(54) ● METHOD AND DEVICE FOR CONNECTING TWO MILLIMETRIC ELEMENTS

● PROCEDE ET DISPOSITIF POUR CONNECTER DEUX ELEMENTS MILLIMETRIQUES

(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) **CACHIER, Gérard** [FR/FR]; Thomson-CSF Propriété Intellectuelle, Dépt. Protection et Conseil, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR). **DADEN, Jean-Yves** [FR/FR]; Thomson-CSF Propriété Intellectuelle, Dépt. Protection et Conseil, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR). **GRANCHER, Alain** [FR/FR]; Thomson-CSF Propriété Intellectuelle, Dépt. Protection et Conseil, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).

(74) **THOMSON-CSF PROPRIETE INTELLECTUELLE**; Dept. Protection et Conseil, 13, avenue du Président Salvador Allende, F-94117 Arcueil 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53519** (13) A1

(21) PCT/NZ98/00062

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 314841 (32) **19 May/mai 1997 (19.05.1997)** (33) NZ

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01P 1/387, 1/38**

(54) ● A CIRCULATOR CONDUCTOR ARRANGEMENT

● TOPOLOGIE DE CONDUCTEURS POUR UN CIRCULATEUR

(71) **DELTEC NEW ZEALAND LIMITED** [NZ/NZ]; 84 Main Road, Tawa (NZ).

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

(72, 75) **SCHUCHINKSY, Alexander Grigorievich** [RU/NZ]; 66/70 Nairn Street, Brooklyn, Wellington (NZ). **THERKLESON, Gerald, Leigh** [NZ/NZ]; 12 Orissa Crescent, Broadmeadows, Wellington (NZ).

(74) **HAWKINS, Michael, Howard** et al. / etc.; Baldwin Shelston Waters, NCR Building, 342 Lambton Quay, Wellington (NZ).

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

(11) **WO 98/53520** (13) A1

(21) PCT/DE98/01262

(22) **6 May/mai 1998 (06.05.1998)**

(25) de (26) de

(31) 197 21 087.2 (32) **20 May/mai 1997 (20.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01P 3/08**

(54) ● DEVICE FOR TRANSMITTING HIGH-FREQUENCY SIGNALS

● DISPOSITIF POUR TRANSMETTRE DES SIGNAUX HAUTE FREQUENCE

(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) **BRAND, Uwe** [DE/DE]; Stockerweg 17, D-81829 München (DE). **TSCHERNITZ, Maximilian** [DE/DE]; Ganzenmüllerstrasse 4, D-85354 Freising (DE). **STEINHAUSER, Karl-August** [DE/DE]; Kolbensteiner Strasse 32, D-81545 München (DE).

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

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(11) **WO 98/53521** (13) A1

(21) PCT/US98/06883

(22) **7 Apr/avr 1998 (07.04.1998)**

(25) en (26) en

(31) 08/861,614 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01Q 1/08**

(54) ● VARIABLE AZIMUTH MOUNTING ASSEMBLY FOR PANEL ANTENNAS

● PLAQUE DE FIXATION POUR ANTENNE PANNEAU A AZIMUT VARIABLE

(71) **ALLEN TELECOM INC.** [US/US]; 30500 Bruce Industrial Parkway, Solon, OH 44139-3996 (US).

(72) **CHAVEZ, Edward**; 412 Live Oak, Euless, TX 76040 (US).

(74) **SUTKER, Marshall, W.**; Laff, Whitesel, Conte & Saret, Ltd., Suite 1700, 401 N. Michigan Avenue, Chicago, IL 60611-4212 (US).

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

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(11) **WO 98/53522** (13) A1

(21) PCT/US98/10124

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 08/858,949 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01Q 1/12**

(54) ● SHELL AND SUPPORT STRUCTURE FOR ENCLOSING AN ANTENNA MOUNTED ON AN ELONGATED MEMBER

● GAINÉ ET STRUCTURE SUPPORT POUR ENVELOPPER UNE ANTENNE MONTEE SUR UN ELEMENT ALLONGÉ

(71) **STEALTH NETWORK TECHNOLOGIES, INC.** [US/US]; 3270A Associate Drive, North Charleston, SC 29418 (US).

(72) **HALDEMAN, James, G.**; 6 Studebaker, Charleston, SC 29414 (US). **SKOW, Kenneth, R.**; 2839 Waterpointe Circle, Mount Pleasant, SC 29464 (US).

(74) **HARDAWAY, John, B., III** et al. / etc.; Hardaway Law Firm, P.A., P.O. Box 10107, Federal Station, Greenville, SC 29603 (US).

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

(11) **WO 98/53523** (13) A1

(21) PCT/US98/10262

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 08/858,982 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01Q 1/24, H04B 1/38, H01Q 9/36, 11/08**

(54) ● RADIOTELEPHONES WITH SWITCHING ANTENNA MATCHING SYSTEM

● RADIOTELEPHONES ET SYSTEME DE COMMUTATION D'ADAPTATION D'ANTENNE

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, Research Triangle Park, NC 27709 (US).

(72) **HAYES, Gerard, J.**; 207 Abercrombie Road, Wake Forest, NC 27587 (US). **HOLSHOUSER, Howard, E.**; 3701 Carrington Lane, Efland, NC 27243 (US).

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

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

(11) **WO 98/53524** (13) A1

(21) PCT/US98/09425

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 819,248 (32) **17 May/mai 1997 (17.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01Q 5/00, 1/36, 9/27**

(54) ● HIGHLY ISOLATED MULTIPLE FREQUENCY BAND ANTENNA

● ANTENNE A BANDES DE FREQUENCES MULTIPLES, HAUTEMENT ISOLEE

(71) **RAYTHEON COMPANY** [US/US]; 2000 E. El Segundo Boulevard, P.O. Box 902, El Segundo, CA 90245-0902 (US).

(72) **YU, I-ping**; 7756 West Running Bear Drive, Tucson, AZ 85743 (US). **SALVAIL, Gary**; 1849 Ramona Drive, Camarillo, CA 93010 (US).

(74) **RAYTHEON COMPANY**; 2000 E. El Segundo Boulevard, El Segundo, CA 90245 (US) et al. / etc.

(81) AU CA IL JP KR NO NZ TR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/53525** (13) A1

(21) PCT/US98/09847

(22) **11 May/mai 1998 (11.05.1998)**

(25) en (26) en

(31) 08/862,823 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01Q 13/00, 13/02**

(54) ● REFLECTOR ANTENNA WITH IMPROVED RETURN LOSS

● ANTENNE A REFLECTEUR A PERTES PAR REFLEXION REDUITES

(63) US 08/862,823 (CIP)
22 May/mai 1997 (22.05.1997)

(71) **ENDGATE CORPORATION** [US/US]; 321 Soquel Way, Sunnyvale, CA 94086 (US).
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(72, 75) **SANFORD, John, R.** [US/US]; 674 Florales Drive, Palo Alto, CA 94306 (US). **COMISKY, William** [US/US]; Apartment 33, 415 Bellevue Avenue, Oakland, CA 94610 (US).

(74) **LEAL, Peter, R.**; Cooley Godward LLP, 3000 El Camino Real, Five Palo Alto Square, Palo Alto, CA 94306-2155 (US) et al. / etc.

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

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(11) **WO 98/53526** (13) A2

(21) PCT/US98/10409

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 60/047,228 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01R**

(54) ● FIELD-ASSEMBLED TWO-PIECE SNAP-FIT SELF-SEALED ELECTRICAL CONNECTOR

● CONNECTEUR ELECTRIQUE A DEUX PARTIES A ETANCHEITE INTEGREE, ADAPTE PAR ENCLIQUEMENT, MONTE SUR PLACE

(71, 72) **ALDEN, Peter, H.** [US/US]; 370 Center Street, Easton, MA 02375 (US).

(74) **MEEKER, Donald, W.**; 750 La Playa #512, San Francisco, CA 94121 (US).

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

(11) **WO 98/53527** (13) A1

(21) PCT/US97/17196

(22) **25 Sep/sep 1997 (25.09.1997)**

(25) en (26) en

(31) 08/861,137 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01R 4/22, 13/52**

(54) ● MOISTURE-RESISTANT SPRING CONNECTOR

● CONNECTEUR A RESSORT RESISTANT A L'HUMIDITE

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **SIMMONS, David, O.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **MCNUTT, Matthew, B.** et al. / etc.; 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 HU ID IL IS JP KE KG KP KR KZ 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).

(11) **WO 98/53528** (13) A1

(21) PCT/EP97/02603

(22) **21 May/mai 1997 (21.05.1997)**

(25) fr (26) fr

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01R 9/05**

(54) ● METHOD FOR CONNECTING COAXIAL CABLES AND CONNECTOR THEREFOR

● PROCEDE DE CONNEXION DE CABLES COAXIAUX ET CONNECTEUR A CET EFFET

(71) **SEE SPRL** [BE/BE]; Avenue de Commerce 18, B-1420 Braine-L'Alleud (BE).

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

(72, 75) **ANDREESCU, Paul** [BE/BE]; Chaussée d'Alseberg, 1033, Boîte postale 22, B-1180 Bruxelles (BE).

(74) **LEHERTE, Georges**; K.O.B. s.a., Kennedypark 31c, B-8500 Kortrijk (BE).

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

(11) **WO 98/53529** (13) A1

(21) PCT/US98/10194

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 08/861,547 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01R 9/24, 4/36, 4/64**

(54) ● GROUND BUS FOR JUNCTION BOX

● BUS DE MISE A LA TERRE POUR BOITIER DE CONNEXION

(71) **THE WHITAKER CORPORATION** [US/US]; Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US).

(72) **GLASS, Maris, A.**; 311 Kurtz Avenue, York, PA 17403 (US). **DENOVICH, Sam**; 5310A Manayunk Road, Harrisburg, PA 17109 (US). **HOWER, J., Shannon**; 525 Harvest Drive, Harrisburg, PA 17111 (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 GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/53530** (13) A2

(21) PCT/US98/08894

(22) **18 May/mai 1998 (18.05.1998)**

(25) en (26) en

(31) 08/859,054 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(31) 08/859,053 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01R 13/00**

(54) ● UNDERWATER CONNECTOR

● CONNECTEUR IMMERGE

(71) **BRANTNER & ASSOCIATES, INC.** [US/US]; 1240 Vernon Way, El Cajon, CA 92020 (US).

(72) **SEILHAN, Denton, S.**; 12535 Picrus Street, San Diego, CA 92129 (US). **PEPPER, Donald, F.**; 1735 Geranium Street, Carlsbad, CA 92009 (US).

(74) **SIMPSON, Andrew, H.**; Knobbe, Martens, Olson and Bear, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660-8016 (US).

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

(11) **WO 98/53531** (13) A1

(21) PCT/US98/10528

(22) **22 May/mai 1998 (22.05.1998)**

(25) en (26) en

(31) 60/047,567 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01R 13/50**

(54) ● CABLE SPLICE CLOSURE

● BOITIER POUR EPISSURES DE CABLE

(71) **THOMAS & BETTS INTERNATIONAL, INC.** [US/US]; 250 Lillard Drive, Sparks, NV 89431 (US).

(72) **DRANE, Mark, R.**; 6971 Bent Creek Drive, Germantown, TN 38138 (US). **JURADO, Camilo, H.**; 1120 Dove Hollow Circle West, Cordova, TN 38018 (US).

(74) **SCHROEDER, R., Glenn**; Hoffmann & Baron, LLP, 350 Jericho Turnpike, Jericho, NY 11753 (US).

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

(11) **WO 98/53532** (13) A1

(21) PCT/US98/10196

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 9/150005 (32) **23 May/mai 1997 (23.05.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01R 23/66, 9/07**

(54) ● ELECTRICAL CONNECTOR ASSEMBLY

● SYSTEME DE CONNECTEUR ELECTRIQUE

(71) **THE WHITAKER CORPORATION** [US/US]; Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WATANABE, Satoru** [JP/JP]; 4-37-3, Kitakoiwa, Edogawa-ku, Tokyo 133-0051 (JP). **MURAMATSU, Hidenori** [JP/JP]; 71-35, Setogayacho, Hodogaya-ku, Yokohama, Kanagawa 240-0024 (JP).

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

(11) **WO 98/53533** (13) A1

(21) PCT/SE98/00958

(22) **20 May/mai 1998 (20.05.1998)**

(25) sv (26) en

(31) 9701901-2 (32) **22 May/mai 1997 (22.05.1997)** (33) SE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01R 25/14, 13/447**

- (54) ● SAFETY DEVICE AT CONNECTORS TO ELECTRIC CURRENT RAILS, INSTALLATION CHANNELS AND THE LIKE
- DISPOSITIF DE SECURITE DE CONNEXEURS DESTINES A DES RAILS DE COURANT ELECTRIQUE, CANAUX D'INSTALLATION ET EQUIVALENT

(71, 72) **WIDELL, Harald** [SE/SE]; Kalendervägen 25, S-352 47 Växjö (SE). **WIDELL, Jan** [SE/SE]; Lilla Sandsbrovägen 8, S-352 49 Växjö (SE). **BERGMAN, Nils-Åke** [SE/SE]; Junivägen 24, S-352 47 Växjö (SE).

(74) **SIEBMANN, H.**; Gotapatent AB, P.O. Box 154, S-561 22 Huskvarna (SE).

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

(11) **WO 98/53534** (13) A1

(21) PCT/FR98/01005

(22) **20 May/mai 1998 (20.05.1998)**

(25) fr (26) fr

(31) 97/06306 (32) **23 May/mai 1997 (23.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01S 3/00**

- (54) ● DEVICE FOR PROTECTING AN OPTICAL SYSTEM AGAINST EXCESS LUMINOSITY
- DISPOSITIF DE PROTECTION D'UN SYSTEME OPTIQUE CONTRE DES SURINTENSITES LUMINEUSES

(71) **AEROSPATIALE SOCIETE NATIONALE INDUSTRIELLE** [FR/FR]; 37, boulevard de Montmorency, F-75016 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HUBERT-HABART, Christophe** [FR/FR]; 10, rue Georges Langrognet, F-92190 Meudon (FR). **FOURNIER, Gilles** [FR/FR]; 15, avenue Toulouse Lautrec, F-78390 Bois d'Arcy (FR).

(74) **BONNETAT, Christian**; Cabinet Bonnetat, 29, rue de Saint Pétersbourg, F-75008 Paris (FR).

(81) CA CN IL JP NO RU US.

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(11) **WO 98/53535** (13) A1

(21) PCT/US98/08433

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 08/859,559 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01S 3/08, 3/083**

- (54) ● SEMICONDUCTOR MICRO-RESONATOR DEVICE
- MICRORESONATEUR SEMI-CONDUCTEUR

(71) **NORTHWESTERN UNIVERSITY** [US/US]; 1801 Maple Avenue, Evanston, IL 60201-3135 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HO, Seng-Tiong** [SG/US]; 120 Picardy Lane, Wheeling, IL 60090 (US). **RAFIZADEH, Deana** [US/US]; 1121 20th Street, Hermosa Beach, CA 90254 (US).

(74) **KUELPER, Jean, Dudek et al.** / etc.; McAndrews, Held & Malloy, Ltd., 500 W. Madison Street, Chicago, IL 60661 (US).

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

(11) **WO 98/53536** (13) A1

(21) PCT/US98/05284

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 08/858,494 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01S 3/081, G02B 5/08, H01S 3/098**

- (54) ● ULTRASHORT PULSE LASER WITH MULTIPLY-FOLDED RESONANT CAVITY
- LASER A IMPULSIONS ULTRACOURTES A CAVITE RESONNANTE MULTICOUCHE PLIEE

(71) **COHERENT, INC.** [US/US]; 5100 Patrick Henry Drive, Santa Clara, CA 95054 (US).

(72) **REED, Murray, Keith**; 324 Gilbert Avenue, Menlo Park, CA 94025 (US). **LINCOLN, John, Roderick**; Apartment 42, 99 E. Middlefield Road, Mountain View, CA 94043 (US).

(74) **STALLMAN, Michael, A.** et al. / etc.; Limbach & Limbach L.L.P., 2001 Ferry Building, San Francisco, CA 94111 (US).

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

(11) **WO 98/53537** (13) A1

(21) PCT/GB98/01415

(22) **15 May/mai 1998 (15.05.1998)**

(25) en (26) en

(31) 9709949.3 (32) **17 May/mai 1997 (17.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01S 3/085**

- (54) ● LASER DEVICES
- DISPOSITIFS LASER

(71) **UNIVERSITY OF BRISTOL** [GB/GB]; Senate House, Tyndall Avenue, Bristol BS8 1TH (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DOWD, Philip** [GB/GB]; 89 Greenway Bush Lane, Southville, Bristol BS3 1SG (GB). **WHITE, Ian, Hugh** [GB/GB]; 57 Coombe Park, Weston, Bath BA1 3NH (GB). **PENTY, Richard, Vincent** [GB/GB]; 55 Redland Road, Bristol BS6 6AG (GB). **HEARD, Peter, John** [GB/GB]; 33 Cherington Road, Nailsea, Bristol BS19 2TW (GB). **ALLEN, Geoffrey, Charles** [GB/GB]; The Copse, 4 Red House Lane, Almondsbury, Bristol BS12 4BB (GB).

(74) **VIGARS, Christopher, Ian**; Haseltine Lake & Co., Imperial House, 15-19 Kingsway, London WC2B 6UD (GB).

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

(11) **WO 98/53538** (13) A1

(21) PCT/JP98/02015

(22) **6 May/mai 1998 (06.05.1998)**

(25) ja (26) ja

(31) 9/128892 (32) **19 May/mai 1997 (19.05.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01S 3/10**

- (54) ● OPTICAL AMPLIFIER EVALUATION METHOD AND OPTICAL AMPLIFIER EVALUATION DEVICE
- PROCEDE ET DISPOSITIF PERMETTANT D'EVALUER UN AMPLIFICATEUR OPTIQUE

(71) **ANRITSU CORPORATION** [JP/JP]; 10-27, Minamiazabu 5-chome, Minoto-ku, Tokyo 106-8570 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GOTO, Hiroshi** [JP/JP]; 661-1-401, Ishida, Isehara-shi, Kanagawa-ken 259-1116 (JP). **TSUDA, Yukio** [JP/JP]; Rebeeru-101, 3-8-5, Oosumidai, Isehara-shi, Kanagawa-ken 259-1105 (JP). **SONOBE, Youji** [JP/JP]; 5-22-6, Morino, Machida-shi, Tokyo 194-0022 (JP).

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

(81) JP US; EP (DE FR GB).

(11) **WO 98/53539** (13) A1

(21) PCT/US98/08241

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 08/858,723 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H01S 3/102, 3/042, 3/109**

- (54) ● LASER WITH TEMPERATURE CONTROLLER POSITIONED IN LASER HEAD
● LASER A TETE COMPORTANT UN REGULATEUR DE TEMPERATURE
- (71) SPECTRA-PHYSICS LASERS, INC. [US/US]; 1335 Terra Bella Avenue, Mountain View, CA 94043 (US).
- (72) HOLSINGER, Kevin; 190 East O'Keefe Street #9, Menlo Park, CA 94025 (US).
- (74) DAVIS, Paul; Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304-1050 (US).
- (81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) WO 98/53540 (13) A1
- (21) PCT/GB98/01434
- (22) 19 May/mai 1998 (19.05.1998)
- (25) en (26) en
- (31) 9710085.3 (32) 20 May/mai 1997 (20.05.1997) (33) GB
- (31) 9715035.3 (32) 17 Jul/juil 1997 (17.07.1997) (33) GB
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ H01T 13/32, 13/20
- (54) ● SPARK PLUG
● BOUGIE D'ALLUMAGE
- (71) DAWSON ROYALTIES LTD. [GB/GB]; New Springs, 90A Blackburn Road, Whittle Le Woods, Chorley PR6 8LG (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DAWSON, Joseph, Gibson [GB/GB]; New Springs, 90A Blackburn Road, Whittle Le Woods, Chorley PR6 8LG (GB).
- (74) GODDARD, David, John; Harrison Goddard Foote, 1 Stockport Road, Marple, Stockport SK6 6BD (GB) 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 GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) WO 98/53541 (13) A1
- (21) PCT/FR98/00811
- (22) 23 Apr/avr 1998 (23.04.1998)
- (25) fr (26) fr
- (31) 97/06260 (32) 22 May/mai 1997 (22.05.1997) (33) FR
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ H02G 3/12
- (54) ● ADJUSTABLE PLASTIC ASSEMBLY FOR MAINTAINING ELEMENTS SUCH AS ELECTRICAL INSTALLATION BOXES BETWEEN FORM PANELS
● ENSEMBLE REGLABLE EN PLASTIQUE DE MAINTIEN D'ELEMENTS TELS QUE DES BOITIERES D'APPAREILLAGE ELECTRIQUE ENTRE DES BANCHES

- (71) CAPRI-CODEC S.A. [FR/FR]; 36, rue des Fontenils, F-41600 Nouan-le-Fuzelier (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JEUVREY, André [FR/FR]; 18, sentier des Prés, F-45750 Saint-Pryvé-Saint-Mesmin (FR).
- (74) BERTRAND, Didier; S.A. Fédit-Loriot et autres Conseils en Propriété Industrielle, 38, avenue Hoche, F-75008 Paris (FR).
- (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 GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) WO 98/53542 (13) A1
- (21) PCT/GB98/01361
- (22) 13 May/mai 1998 (13.05.1998)
- (25) en (26) en
- (31) 9710789.0 (32) 23 May/mai 1997 (23.05.1997) (33) GB
- (31) 9714497.6 (32) 9 Jul/juil 1997 (09.07.1997) (33) GB
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ H02G 7/14
- (54) ● VIBRATION DAMPERS
● AMORTISSEUR DE VIBRATIONS
- (71) THE MORGAN CRUCIBLE COMPANY PLC [GB/GB]; Morgan House, Madeira Walk, Windsor, Berkshire SL4 1EP (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MURPHY, Maurice, William [CA/US]; 274 Burlington Road, Freehold, NJ 07728 (US).
- (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) WO 98/53543 (13) A1
- (21) PCT/FR98/01018
- (22) 20 May/mai 1998 (20.05.1998)
- (25) fr (26) fr
- (31) 97/06122 (32) 20 May/mai 1997 (20.05.1997) (33) FR
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ H02K 3/487, 15/00
- (54) ● METHOD FOR FASTENING WINDINGS WITH WEDGES AND SLOT CLOSING WEDGE
● PROCEDE DE CALAGE DE BOBINAGES ET CALE DE FERMETURE D'ENCOCHE
- (71) SARELEM [FR/FR]; 5, rue du Château de Bel Air, Boîte postale 203, F-44472 Nantes Carquefou (FR).

- (72) SALVI, Joël; "La Vente", F-44330 La Chapelle Heulin (FR).
- (74) CORRET, Hélène; Cabinet Weinstein, 20, avenue de Friedland, F-75008 PARIS (FR).
- (81) BA CA SI SK; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) WO 98/53544 (13) A1
- (21) PCT/FR98/00988
- (22) 18 May/mai 1998 (18.05.1998)
- (25) fr (26) fr
- (31) 97/06159 (32) 21 May/mai 1997 (21.05.1997) (33) FR
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ H02K 7/18, F03D 9/00, H02K 21/00, 3/28
- (54) ● ELECTRIC GENERATOR FOR WIND POWER ENGINE
● GENERATRICE ELECTRIQUE POUR EOLIENNE
- (71) COMPAGNIE INTERNATIONALE DE TURBINES ATMOSPHERIQUES- C. I. T. A. [FR/FR]; 104, rue Véron, F-94140 Alfortville (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LOUIS, Armel [FR/FR]; 9, rue des Gourneaux, F-60200 Compiègne (FR).
- (74) CABINET HERRBURGER; 115, boulevard Haussmann, 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 GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- (11) WO 98/53545 (13) A1
- (21) PCT/JP98/01996
- (22) 30 Apr/avr 1998 (30.04.1998)
- (25) en (26) en
- (31) 9/133331 (32) 23 May/mai 1997 (23.05.1997) (33) JP
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ H02K 15/09
- (54) ● ARMATURE COIL WINDER AND WINDING METHOD
● BOBINEUSE POUR BOBINE D'ARMATURE ET PROCEDE DE BOBINAGE
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YAMAZAKI, Akihiko [JP/JP]; 62-87, Nakashinjo-cho, Takefu-shi, Fukui 915-0001 (JP). OKAMOTO, Manabu [JP/JP]; Maison Sunrise 111, 135, Senpuku-cho, Takefu-shi, Fukui 915-0846 (JP). KIMURA, Kazuo [JP/JP]; 4-6-1, Kitanoshimo-cho, Fukui-shi, Fukui 910-0814 (JP).
- (74) MORIMOTO, Yoshihiro; All Nippon Airways (Nishi-Hommachi) Building, 4th floor, 10-10, Nishi-Hommachi 1-cho, Nishi-ku, Osaka-shi, Osaka 550-0005 (JP).

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

(11) **WO 98/53546** (13) A1

(21) PCT/JP98/02267

(22) **22 May/mai 1998 (22.05.1998)**

(25) ja (26) ja

(31) 9/133181 (32) **23 May/mai 1997 (23.05.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H02M 1/06, 1/08**

- (54) ● POWER CONVERTER WHEREIN MOS GATE SEMICONDUCTOR DEVICE IS USED
● CONVERTISSEUR DE PUISSANCE METTANT EN APPLICATION UN COMPOSANT A SEMI-CONDUCTEUR DE PORTE MOS

(71) **KABUSHIKI KAISHA TOSHIBA** [JP/JP]; 72, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa-ken 210-8572 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOSHI, Kimihiro** [JP/JP]; 5-18-20, Nukui-minamicho, Koganei-shi, Tokyo 184-0014 (JP).
IWANO, Yoshinori [JP/JP]; 131, 1-14-1, Tomiokanishi, Kanazawa-ku, Yokohama-shi, Kanagawa-ken 236-0052 (JP).
NAKAYAMA, Kazuya [JP/JP]; 398-12, Isobe, Sagami-hara-shi, Kanagawa-ken 228-0827 (JP).

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

(81) CN JP US; EP (DE SE).

(11) **WO 98/53547** (13) A1

(21) PCT/DE98/01119

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) de (26) de

(31) 197 20 948.3 (32) **17 May/mai 1997 (17.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H02M 3/28, H02J 1/10**

- (54) ● VOLTAGE TRANSFORMER
● DISPOSITIF DE TRANSFORMATION DE TENSION

(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) **SCHENK, Joachim** [DE/DE]; Keltersstrasse 10, D-71282 Hemmingen (DE).
SIEGER, Frank [DE/DE]; Burenstrasse 2, D-74172 Neckarsulm (DE).
BREUNIG, Volker [DE/DE]; Kirchbergstrasse 23, D-74078 Heilbronn-Neckargartach (DE).
AUPPERLE, Bernd [DE/DE]; Von-Plieningen-Strasse 30, D-71711 Steinheim (DE).

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

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(11) **WO 98/53548** (13) A1

(21) PCT/DE98/01261

(22) **6 May/mai 1998 (06.05.1998)**

(25) de (26) de

(31) 197 21 714.1 (32) **23 May/mai 1997 (23.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H02M 3/335**

- (54) ● METHOD AND CIRCUIT FOR DISCONNECTING A CONVERTER
● PROCEDE ET CIRCUIT POUR METTRE HORS CIRCUIT UN CONVERTISSEUR

(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) **BITENC, Bostjan** [DE/DE]; Heimgartensstrasse 20, D-82110 Germering (DE).
EISERT, Werner [DE/DE]; Zinnebergstrasse 9, D-81671 München (DE).
LOCHTER, Werner [DE/DE]; Dünzelbach 8, D-82272 Moorenweis (DE).
WOLFGART, Bernd [DE/DE]; Zugspitzstrasse 17, D-82515 Wolfratshausen (DE).

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

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(11) **WO 98/53549** (13) A1

(21) PCT/JP98/02221

(22) **20 May/mai 1998 (20.05.1998)**

(25) ja (26) ja

(31) 9/130076 (32) **20 May/mai 1997 (20.05.1997)** (33) JP

(31) 9/192834 (32) **17 Jul/juil 1997 (17.07.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H02M 7/06**

- (54) ● SINGLE-PHASE RECTIFIER
● REDRESSEUR MONOPHASE

(71) **DAIKIN INDUSTRIES, LTD.** [JP/JP]; Umeda Center Building, 4-12, Nakazaki-nichi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAKAKIBARA, Kenichi** [JP/JP]; Daikin Industries, Ltd., Aza Ootani, Okamoto-cho, 1000-2, Kusatsu-shi, Shiga 525-0044 (JP).

(74) **TSUGAWA, Tomoo**; Lions Mansion Noe No. 1201, 7-7, Chuo 2-chome, Joto-ku, Osaka-shi, Osaka 536-0005 (JP).

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

(11) **WO 98/53550** (13) A1

(21) PCT/DK98/00200

(22) **19 May/mai 1998 (19.05.1998)**

(25) da (26) en

(31) 0583/97 (32) **21 May/mai 1997 (21.05.1997)** (33) DK

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H02M 7/523**

- (54) ● A METHOD AND A CIRCUIT FOR RESONANCE INVERSION
● PROCEDE ET DISPOSITIF DESTINE A L'INVERSION DE RESONANCE

(71, 72) **MUNK-NIELSEN, Stig** [DK/DK]; Hellevangen 93 st., DK-9210 Aalborg Ø (DK).

(74) **HOFMAN-BANG & BOUTARD, LEHMANN & REE A/S**; Ryesgade 3, P.O. Box 367, DK-8100 Århus C. (DK).

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

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(11) **WO 98/53551** (13) A1

(21) PCT/DE98/01353

(22) **15 May/mai 1998 (15.05.1998)**

(25) de (26) de

(31) 197 20 697.2 (32) **16 May/mai 1997 (16.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H02P 7/628, 7/635, B60L 15/20**

- (54) ● METHOD FOR CONTROLLING AN ASYNCHRONOUS MACHINE
● PROCEDE DE REGULATION D'UNE MACHINE ASYNCHRONE

(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) **SCHENK, Robert** [DE/DE]; Hermann-Essig-Strasse 5, D-71701 Schwaibingen (DE).

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

(11) **WO 98/53552** (13) A1

(21) PCT/US97/08549

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

(25) en (26) en

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H03C 1/60, H03D 1/00**

- (54) ● SINGLE SIDE-BAND MODULATION SYSTEM FOR USE IN DIGITALLY IMPLEMENTED MULTICARRIER TRANSMISSION SYSTEMS
● SYSTEME DE MODULATION A BANDE LATERALE UNIQUE S'UTILISANT DANS DES SYSTEMES DE TRANSMISSION A PORTEUSES MULTIPLES A IMPLEMENTATION NUMERIQUE

(71) **AWARE, INC.** [US/US]; One Oak Park, Bedford, MA 01730-1413 (US).

(72) **SANDBERG, Stuart, D.**; 22 Pine Ridge Road, Arlington, MA 02174 (US).
TZANNES, Michael; 63 Kingswood Road, Newton, MA 02166 (US).

(74) **WARD, Calvin, B.**; 18 Crow Canyon Court #305, San Ramon, CA 94583 (US).

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

(11) **WO 98/53553** (13) A1

(21) PCT/US98/10509

(22) **21 May/mai 1998 (21.05.1998)**

(25) en (26) en

(31) 08/862,094 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H03H 11/22**(54) ● ACTIVE PHASE SPLITTER
● DEPHASEUR MULTIPLE ACTIF(71) **QUALCOMM INCORPORATED** [US/US]; 6455 Lusk Boulevard, San Diego, CA 92121 (US).(72) **APARIN, Vladimir**; Apartment 7319, 8889 Camino Plaza Centro, San Diego, CA 92122 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/53554** (13) A2

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(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 97201542.4 (32) **23 May/mai 1997 (23.05.1997)** (33) EP

(34) NL et al. / etc.

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H03L 7/099**(54) ● RECEIVER HAVING A PHASE-LOCKED LOOP
● RECEPTEUR A BOUCLE A PHASE ASSERVIE(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).(71) **PHILIPS AB** [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).
(only for / seulement pour SE)(72) **BREKELMANS, Johannes, Hubertus, Antonius**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **KÜHN, Hans-Jürgen**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VROMANS, Johannes, Sophia**; 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; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/53555** (13) A2

(21) PCT/IB98/00677

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 9710658.7 (32) **24 May/mai 1997 (24.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H03M 1/66**(54) ● DIGITAL TO ANALOGUE AND ANALOGUE TO DIGITAL CONVERTERS
● CONVERTISSEURS DE NUMERIQUE EN ANALOGIQUE ET D'ANALOGIQUE EN NUMERIQUE(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).(71) **PHILIPS AB** [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).
(only for / seulement pour SE)(72) **REDMAN-WHITE, William**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **BRACEY, Mark**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).(74) **ANDREWS, Arthur, S.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).

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

(11) **WO 98/53556** (13) A2

(21) PCT/US98/10164

(22) **18 May/mai 1998 (18.05.1998)**

(25) en (26) en

(31) 60/047,128 (32) **20 May/mai 1997 (20.05.1997)** (33) US(31) 60/051,922 (32) **8 Jul/juil 1997 (08.07.1997)** (33) US(31) 08/929,891 (32) **15 Sep/sep 1997 (15.09.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04B**(54) ● DIRECT SEQUENCE SPREAD SPECTRUM METHOD, COMPUTER-BASED PRODUCT, APPARATUS AND SYSTEM TOLERANT TO FREQUENCY REFERENCE OFFSET
● PROCEDE D'ETALEMENT DU SPECTRE EN SEQUENCE DIRECTE, PRODUIT INFORMATIQUE, APPAREIL ET SYSTEME TOLERANTS AUX DECALAGES DE FREQUENCE DE REFERENCE(71) **SANCONIX, INC. (LA CORP)** [US/US]; Suite 202, 101 W. Robert E. Lee, New Orleans, LA 70124 (US).(72) **SANDERFORD, Britton, H., Jr.**; 7331 General Haig Street, New Orleans, LA 70124 (US). **NADEN, Gary, A.**; 202 Spruce Street, Mandeville, LA 70471 (US). **ROUQUETTE, Robert, E.**; 633 Meursault Drive, Kenner, LA 70065 (US). **REISER, Dale, E.**; 7007 Kenison Street, New Orleans, LA 70124 (US). **HWANG, Charles, A.**; Apartment 110, 318 Lake Marina Drive, New Orleans, LA 70124 (US). **REED, Marc, L.**; 903 Beau Chene Drive, Mandeville, LA 70471 (US).(74) **REGARD, Joseph, T.**; Joseph T. Regard, Ltd. plc, P.O. Box 838, Madisonville, LA 70447-0838 (US).

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

(11) **WO 98/53557** (13) A2

(21) PCT/IB98/00396

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 97890090.0 (32) **16 May/mai 1997 (16.05.1997)** (33) EP

(34) AT et al. / etc.

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04B 1/59**(54) ● TRANSPONDER COMMUNICATION DEVICE
● TRANSPONDEUR DE COMMUNICATION(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).(71) **PHILIPS AB** [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).
(only for / seulement pour SE)(72) **BERGER, Dominik, Josef**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **STAUDINGER, Max**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).(74) **WEBER, Helmut**; 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).

(11) **WO 98/53558** (13) A2

(21) PCT/DE98/01332

(22) **12 May/mai 1998 (12.05.1998)**

(25) de (26) de

(31) 197 21 503.3 (32) **22 May/mai 1997 (22.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04B 7/005**(54) ● METHOD AND DEVICE FOR ADJUSTING TRANSMITTER POWER FOR LINKING A BASE STATION AND A MOBILE STATION IN A RADIO COMMUNICATION SYSTEM
● PROCEDE ET DISPOSITIF DE REGULATION DE LA PUISSANCE D'EMISSION POUR DES LIAISONS ENTRE UNE STATION DE BASE ET DES STATIONS MOBILES D'UN SYSTEME DE RADIOCOMMUNICATION(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) **SLANINA, Peter** [AT/AT]; Wehrgasse 13, A-3441 Judenau (AT).

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

(11) **WO 98/53559** (13) A2

(21) PCT/FI98/00416

(22) **15 May/mai 1998 (15.05.1998)**

(25) fi (26) en

(31) 972107 (32) **16 May/mai 1997 (16.05.1997)** (33) FI

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04B 7/005, H04Q 7/26**(54) ● POWER CONTROL IN MOBILE COMMUNICATIONS SYSTEM
● COMMANDE DE PUISSANCE DANS UN SYSTEME DE COMMUNICATION MOBILE(71) **NOKIA TELECOMMUNICATIONS OY** [FI/FI]; Keilalahdentie 4, DIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HÄKKINEN, Hannu** [FI/FI]; Taavinharju 18 A 2, FIN-02180 Espoo (FI). **HOLMA, Harri** [FI/FI]; Itätuulenkujia 1 B 32, FIN-02100 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53560** (13) A1

(21) PCT/SE98/00876

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 08/861,541 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04B 7/08, H04L 1/06**

(54) ● SELECTIVE DIVERSITY COMBINING
● COMBINAISON DE DIVERSITE SELECTIVE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).

(72) **BACKMAN, Johan**; Norrbackagatan 12, S-113 41 Stockholm (SE). **HÄKANSSON, Stefan**; Sandviksgatan 44 B, S-972 32 Luleå (SE). **LINDQVIST, Thomas**; Pilgränd 5, S-852 35 Sundsvall (SE).

(74) **ERICSSON RADIO SYSTEMS AB**; Common Patent Dept., S-164 80 Stockholm (SE).

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

(11) **WO 98/53561** (13) A2

(21) PCT/FI98/00415

(22) **15 May/mai 1998 (15.05.1998)**

(25) fi (26) en

(31) 972109 (32) **16 May/mai 1997 (16.05.1997)** (33) FI

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04B 7/10**

(54) ● METHOD OF DETERMINING TRANSMISSION DIRECTION, AND RADIO SYSTEM
● PROCEDE PERMETTANT DE DETERMINER LA DIRECTION D'EMISSION, ET SYSTEME RADIO

(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) **KIISKI, Matti** [FI/FI]; Mustalinnuntie 21, FIN-90460 Oulunsalo (FI). **KESKITALO, Ilkka**

[FI/FI]; Torpankatu 8, FIN-90230 Oulu (FI). **VIKAMAA, Sakari** [FI/FI]; Varpusentie 25, FIN-90540 Oulu (FI).

(74) **PATENTTITOIMISTO TEKNOPOOLS KOLSTER OY**; c/o 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 DE (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53562** (13) A1

(21) PCT/US98/10637

(22) **21 May/mai 1998 (21.05.1998)**

(25) en (26) en

(31) 08/862,281 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04B 7/14, 7/185, H04J 1/10, 3/08**

(54) ● METHOD OF AND SYSTEM FOR PROVIDING GEOGRAPHICALLY TARGETED BROADCAST SATELLITE SERVICE

● PROCEDE ET SYSTEME PERMETTANT DE FOURNIR UN SERVICE DE RADIODIFFUSION PAR SATELLITES GEOGRAPHIQUEMENT CIBLE

(71) **MCI COMMUNICATIONS CORPORATION** [US/US]; 1133 19th Street, N.W., Washington, DC 20036 (US).

(72) **SAMPSON, Charles, E.**; 9825 Bridleridge Court, Vienna, VA 22181 (US).

(74) **JOBE, Jonathan, E., Jr.**; Thompson & Knight, P.C., Suite 3300, 1700 Pacific Avenue, Dallas, TX 75201-4693 (US).

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

Published / Publiée : (c)

(11) **WO 98/53563** (13) A2

(21) PCT/US98/10000

(22) **15 May/mai 1998 (15.05.1998)**

(25) en (26) en

(31) 08/862,157 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04B 7/216**

(54) ● METHOD AND SYSTEM FOR COMMUNICATING DIGITAL DATA BY SIMULTANEOUSLY CODE DIVISION MULTIPLE ACCESSING A PLURALITY OF CHANNELS

● PROCEDE ET SYSTEME PERMETTANT DE TRANSMETTRE DES DONNEES NUMERIQUES GRACE A UN ACCES MULTIPLE PAR DIFFERENCE DE CODE SIMULTANE A UNE PLURALITE DE VOIES

(63) US 08/862,157 (CIP)
22 May/mai 1997 (22.05.1997)

(71) **SPECTRAPLEX, INC.** [US/US]; 285 University Drive, Menlo Park, CA 94025 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROBB, David, C.** [US/US]; 285 University Drive, Menlo Park, CA 94025 (US).

(74) **DAVIS, Paul**; 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53564** (13) A1

(21) PCT/GB98/01453

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 9710694.2 (32) **24 May/mai 1997 (24.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04B 10/17, H01S 3/06**

(54) ● COMMUNICATIONS APPARATUS COMPRISING OPTICAL AMPLIFIER

● APPAREIL DE TELECOMMUNICATION COMPORTANT UN AMPLIFICATEUR OPTIQUE

(71) **N.V. RAYCHEM S.A.** [BE/BE]; Diestsesteenweg 692, B-3010 Kessel-Lo (BE). (for all designated States except / pour tous les États désignés sauf MG US)

(71) **RAYCHEM LIMITED** [GB/GB]; Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB). (only for / seulement pour MG)

(72, 75) **JEAN, Fabrice** [FR/FR]; 7, rue de la Grenouillère, F-77250 Veneux les Sablons (FR). **MAURER, Gregory, Scott** [US/US]; 165 Bryce Canyon Court, San Ramon, CA 94583 (US). **CONWAY, Bruce** [US/US]; 15 Ventura, P.O. Box 731, La Honda, CA 94020 (US). **DELLINGES, Steven** [US/US]; 736 Moana Way, Pacifica, CA 94044 (US).

(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 CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/53565** (13) A1

(21) PCT/US98/09587

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 08/858,562 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(31) 08/974,920 (32) **20 Nov/nov 1997 (20.11.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04H 1/00**

(54) ● APPARATUS AND METHOD FOR EMBEDDING AND EXTRACTING INFORMATION IN ANALOG SIGNALS USING DISTRIBUTED SIGNAL FEATURES

- SYSTEME ET PROCEDE D'INTEGRATION OU D'EXTRACTION DE DONNEES DANS DES SIGNAUX ANALOGIQUES AU MOYEN DE CARACTERISTIQUES DE SIGNAL DISTRIBUEES
- (71) **ARIS TECHNOLOGIES, INC.** [US/US]; 1972 Massachusetts Avenue, Cambridge, MA 02140 (US).
- (72) **PETROVIC, Rade**; 2 Castle Drive, Wilmington, MA 01887 (US). **JEMILI, Kanaan**; 111 Locust Street, Th.16, Woburn, MA 01801 (US). **WINOGRAD, Joseph, M.**; Apartment 2, 32 Fairmont Avenue, Cambridge, MA 02139 (US). **METOIS, Eric**; 24 Simpson Avenue, Somerville, MA 02144 (US).
- (74) **DELUCA, Vincent, M.** et al. / etc.; Rothwell, Figg, Ernst & Kurz, Suite 701 East, Columbia Square, 555 13th Street N.W., Washington, DC 20004 (US).
- (81) CA JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/53566** (13) A1
 (21) PCT/US98/05846
 (22) **25 Mar/mar 1998 (25.03.1998)**
 (25) en (26) en
 (31) 08/859,882 (32) **21 May/mai 1997 (21.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **H04H 1/02, G07F 17/16, G06F 17/60**
 (54) ● MULTI-STATION VIDEO/AUDIO DISTRIBUTION APPARATUS
 ● APPAREIL DE DISTRIBUTION VIDEO/AUDIO MULTI-STATION
 (71) **ADVANCED COMMUNICATION DESIGN, INC.** [US/US]; 7901 12th Avenue South, Bloomington, MN 55425 (US).
 (72) **SCIBORA, Marco**; 767 Winslow Avenue, St. Paul, MN 55107 (US). **KAHLE, Warren**; 1160 Autumn Drive, Woodbury, MN 55125 (US).
 (74) **HELGET, Gerald, E.**; Mackall, Crounse & Moore, plc, 1400 AT & T Tower, 901 Marquette Avenue, Minneapolis, MN 55402 (US).
 (81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (a)

- (11) **WO 98/53567** (13) A1
 (21) PCT/IL98/00225
 (22) **19 May/mai 1998 (19.05.1998)**
 (25) en (26) en
 (31) 120856 (32) **19 May/mai 1997 (19.05.1997)** (33) IL
 (31) 09/062,547 (32) **17 Apr/avr 1998 (17.04.1998)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **H04H 5/00**
 (54) ● CONTROLLABLE TOY OPERATIVE WITH AUDIO PLAYER
 ● JOUET POUVANT ETRE COMMANDE FONCTIONNANT AVEC UN LECTEUR AUDIO
 (71) **CREATOR LTD.** [IL/IL]; Rehov Gush Etzion 13, 54030 Givat Shmuel (IL).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **GABAI, Oz** [IL/IL]; Klee Street 14, 62336 Tel Aviv (IL). **GABAI, Jacob** [IL/IL]; Klee Street 12, 62336 Tel Aviv (IL). **SANDLERMAN, Nimrod** [IL/IL]; Hamatmeed Street 11, 52493 Ramat Gan (IL).
 (74) **COLB, Sanford, T.** et al. / etc.; Sanford T. Colb & Co., P.O. Box 2273, 76122 Rehovot (IL).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/53568** (13) A1
 (21) PCT/IL98/00233
 (22) **21 May/mai 1998 (21.05.1998)**
 (25) en (26) en
 (31) 120898 (32) **22 May/mai 1997 (22.05.1997)** (33) IL
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **H04J 3/06**
 (54) ● BI-DIRECTIONAL CHANNEL ANALYSIS
 ● ANALYSE DE CANAL BIDIRECTIONNEL
 (71) **DSPC ISRAEL LTD.** [IL/IL]; Ben Gurion Street 11, 51905 Givat Shmuel (IL).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **BEN-ELI, David** [IL/IL]; Nahal Hayarkon Street 1, 71700 Modiin (IL).
 (74) **EITAN, PEARL, LATZER & COHEN-ZEDEK**; Lumir House, Maskit Street 22, 46733 Herzliya (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

- (11) **WO 98/53569** (13) A1
 (21) PCT/US98/04039
 (22) **2 Mar/mar 1998 (02.03.1998)**
 (25) en (26) en
 (31) 08/858,993 (32) **20 May/mai 1997 (20.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **H04J 3/12, 3/06, 3/14**
 (54) ● METHOD AND APPARATUS FOR FACILITATING AN INTERFACE TO A DIGITAL SIGNAL PROCESSOR
 ● TECHNIQUE VISANT A FACILITER UNE MISE EN INTERFACE AVEC UN PROCESSEUR DE SIGNAUX NUMERIQUES

- (71) **DSC TELECOM L.P.** [US/US]; 1000 Coit Road, Plano, TX 75075 (US).
 (72) **VIRDEE, Harbhajan, S.**; 1813 Linda Lane, Richardson, TX 75081 (US). **KAPLAN, Thomas, M.**; 1810 Snider Lane, Allen, TX 75002 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/53570** (13) A1

- (21) PCT/US98/10593
 (22) **21 May/mai 1998 (21.05.1998)**
 (25) en (26) en
 (31) 08/862,290 (32) **23 May/mai 1997 (23.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **H04J 3/14, H04L 12/24**
 (54) ● METHOD OF TELECOMMUNICATIONS DEMAND-ROUTE MULTIPLEXING (DEROM)
 ● PROCEDE DE MULTIPLEXAGE A LA DEMANDE DES VOIES D'ACHEMINEMENT DANS UN RESEAU DE TELECOMMUNICATIONS
 (71) **MCI COMMUNICATIONS CORPORATION** [US/US]; 1133 19th Street, N.W., Washington, DC 20036 (US).

- (72) **NATHAN, Sridhar, S.**; 716 Sunkist Lane, Plano, TX 75025 (US). **SOFMAN, Lev, B.**; 790 Pierre Lane, Plano, TX 75023 (US).
 (74) **JOBE, Jonathan, E., Jr.**; Thompson & Knight, P.C., Suite 3300, 1700 Pacific Avenue, Dallas, TX 75201-4693 (US).
 (81) AU CA JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/53571** (13) A2
 (21) PCT/US98/10455
 (22) **19 May/mai 1998 (19.05.1998)**
 (25) en (26) en
 (31) 08/862,844 (32) **23 May/mai 1997 (23.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **H04J 14/02**
 (54) ● DISTRIBUTED INTELLIGENCE WAVELENGTH DIVISION MULTIPLEXED NETWORK
 ● RESEAU MULTIPLEXE EN LONGUEUR D'ONDE A INTELLIGENCE REPARTIE
 (71) **CIENA CORPORATION** [US/US]; Legal Dept., 920 Elkridge Landing Road, Linthicum, MD 21090 (US).

(72) **CONDICT, Keith, A.**; 302 Otto Lane, Gambrills, MD 21054 (US). **HARMON, Stephen, R.**; 208 McCamish Court, Severn, MD 21144 (US). **JONES, Wesley, R.**; 310 Otto Lane, Gambrills, MD 21054 (US). **PETERS-RODBELL, Michael, B.**; 13821 Dayton Meadow Court, Dayton, MD 21036 (US).

(74) **DAISAK, Daniel, N.**; Ciena Corporation, Legal Dept., 920 Elkridge Landing Road, Linthicum, MD 21090 (US).

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

(11) **WO 98/53572** (13) A1

(21) PCT/US97/08209

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

(25) en (26) en

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04K 1/10, H04L 27/28**

(54) ● IMPROVED METHOD FOR PARTIALLY MODULATING AND DEMODULATING DATA IN A MULTI-CARRIER TRANSMISSION SYSTEM

● PROCEDE AMELIORE DE MODULATION ET DEMODULATION PARTIELLES DE DONNEES DANS UN SYSTEME DE TRANSMISSION A PORTEUSES MULTIPLES

(71) **AWARE, INC.** [US/US]; One Oak Park, Bedford, MA 01730-1413 (US).

(72) **SANDBERG, Stuart, D.**; 22 Pine Ridge Road, Arlington, MA 02174 (US). **HELLER, Peter, N.**; 24 Powderhouse Terrace, Somerville, MA 02144 (US). **TZANNES, Michael**; 63 Kingswood Road, Newton, MA 02166 (US).

(74) **WARD, Calvin, B.**; 18 Crow Canyon Court #305, San Ramon, CA 94583 (US).

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

(11) **WO 98/53573** (13) A2

(21) PCT/US98/10317

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 60/047,034 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(31) 60/047,140 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(31) 60/048,385 (32) **3 Jun/juin 1997 (03.06.1997)** (33) US

(31) 60/048,369 (32) **3 Jun/juin 1997 (03.06.1997)** (33) US

(31) 60/055,497 (32) **12 Aug/août 1997 (12.08.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04L**

(54) ● SYSTEM AND METHOD TO COMMUNICATE TIME STAMPED, 3-AXIS POSITION DATA WITHIN TELECOMMUNICATION NETWORKS

● SYSTEME ET PROCEDE UTILISANT DES RESEAUX DE TELECOMMUNICATIONS POUR TRANSMETTRE UNE POSITION GEOGRAPHIQUE EN TROIS D A MARQUAGE TEMPOREL

(71) **INTEGRATED DATA COMMUNICATIONS, INC.** [US/US]; 16713 S.E. 34th Way, Vancouver, WA 98683 (US).
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(72, 75) **PRESTON, Dan, A.** [US/US]; 16713 S.E. 34th Way, Vancouver, WA 98683 (US). **PRESTON, Joseph, D.** [US/US]; 606 N.E. 160th Avenue, Vancouver, WA 98684 (US). **VROMAN, James, A.** [US/US]; 13901 N.E. 7th Circle, Vancouver, WA 98684 (US).

(74) **STOLOWITZ, Micah, D.** et al. / etc.; Marger, Johnson, McCollom & Stolowitz, P.C., 1030 S.W. Morrison Street, Portland, OR 97205 (US).

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

(11) **WO 98/53574** (13) A1

(21) PCT/SE98/00915

(22) **15 May/mai 1998 (15.05.1998)**

(25) en (26) en

(31) 9701866-7 (32) **20 May/mai 1997 (20.05.1997)** (33) SE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04L 1/08, H03M 13/00, H04Q 7/20**

(54) ● BIT DETECTION METHOD IN A RADIO COMMUNICATIONS SYSTEM

● PROCEDE DE DETECTION DE BITS DANS UN SYSTEME DE RADIOCOMMUNICATION

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).

(72) **MÅRTENSSON, Jan**; Tranebergsvägen 54, S-167 44 Bromma (SE). **BACKMAN, Johan**; Norrbäckagatan 12, S-113 41 Stockholm (SE).

(74) **ERICSSON RADIO SYSTEMS AB**; Common Patent Dept., S-164 80 Stockholm (SE).

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

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(11) **WO 98/53575** (13) A1

(21) PCT/US98/10128

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 08/862,631 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04L 11/20, H04J 3/24**

(54) ● TRANSPARENT NON-DISRUPTABLE ATM NETWORK

● RESEAU EN MODE DE TRANSFERT ASYNCHRONE TRANSPARENT NON PERTURBABLE

(71) **TRUSTEES OF THE STEVENS INSTITUTE OF TECHNOLOGY** [US/US]; Castle Point on Hudson, Hoboken, NJ 07030 (US).

(72) **VAMAN, Dhadesugoor, R.**; 8399 Buckeye Court, Frederick, MD 21702 (US). **NOH, Tai**; 9 Alexandria Terrace, Manalapan, NJ 07726 (US). **BOSE, Jay, D.**; 12 Audubon Court, Short Hills, NY 07078 (US).

(74) **FRISCIA, Michael, R.**; Friscia & Nussbaum, One University Plaza, Hackensack, NJ 07601 (US).

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

Published / Publiée : (c)

(11) **WO 98/53576** (13) A2

(21) PCT/SE98/00913

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(25) en (26) en

(31) 972279 (32) **20 May/mai 1997 (20.05.1997)** (33) NO

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04L 12/56, H04Q 7/22**

(54) ● METHOD RELATED TO GPRS (GENERAL PACKET RADIO SERVICE) SYSTEM PROVIDING PACKET SWITCHED CONNECTIONS

● PROCEDE RELATIF AU SYSTEME GPRS (SERVICE DE RADIOCOMMUNICATION GENERALE PAR PAQUETS) FOURNISSANT DES CONNEXIONS A COMMUTATION PAR PAQUETS

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(72) **MONRAD, Atle**; Stemmen 15, N-4820 Froland (NO).

(74) **ERICSSON RADIO SYSTEMS AB**; Common Patent Dept., S-164 80 Stockholm (SE).

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

(11) **WO 98/53577** (13) A1

(21) PCT/US97/08688

(22) **22 May/mai 1997 (22.05.1997)**

(25) en (26) en

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04L 12/56**

(54) ● SYSTEM AND METHOD FOR EQUALIZING DELAY IN A DYNAMIC PACKET SWITCHING NETWORK

● SYSTEME ET PROCEDE POUR COMPENSER LE TEMPS DE PROPAGATION DANS UN RESEAU DYNAMIQUE DE COMMUTATION DE PAQUETS

(71) **BELL COMMUNICATIONS RESEARCH, INC.** [US/US]; 445 South Street, Morristown, NJ 07960-6438 (US).

(72) **CISNEROS, Arturo**; 36 Rosalie Avenue, Lincroft, NJ 07738 (US).

(74) **GIORDANO, Joseph** et al. / etc.; International Coordinator, Room 1G112R, 445 South Street, Morristown, NJ 07960-6438 (US).

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

(11) **WO 98/53578** (13) A1

(21) PCT/US97/09363

(22) **23 May/mai 1997 (23.05.1997)**

(25) en (26) en

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04L 12/66**

(54) ● METHOD AND SYSTEM FOR PROVIDING MULTIMEDIA SERVICE IN AN ATM COMMUNICATIONS NETWORK

● PROCEDE ET SYSTEME POUR FOURNIR DES SERVICES MULTIMEDIA DANS UN RESEAU DE COMMUNICATIONS ATM

(71) **THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK** [US/US]; Broadway and 116th Street, New York, NY 10027 (US).
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(72, 75) **LAZAR, Aurel, A.** [DE/US]; Columbia University, Dept. of Electrical Engineering, 530 West 120th Street, New York, NY 10027 (US). **LIM, Koon-Seng** [SG/US]; Columbia University, Dept. of Electrical Engineering, 530 West 120th Street, New York, NY 10027 (US). **CHAN, Mun Choon** [SG/US]; Columbia University, Dept. of Electrical Engineering, 530 West 120th Street, New York, NY 10027 (US). **HUARD, Jean-François** [CA/US]; Columbia University, Dept. of Electrical Engineering, 530 West 120th Street, New York, NY 10027 (US).

(74) **TANG, Henry** et al. / etc.; Brumbaugh, Graves, Donohue & Raymond, 30 Rockefeller Plaza, New York, NY 10112 (US).

(81) CA JP US.

(11) **WO 98/53579** (13) A1

(21) PCT/IB98/00637

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 97201555.6 (32) **23 May/mai 1997 (23.05.1997)** (33) EP

(34) NL et al. / etc.

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04L 27/38, H03G 3/20**

(54) ● RECEIVER WITH CONTROLLABLE AMPLIFIER MEANS

● RECEPTEUR DOTE D'UN DISPOSITIF D'AMPLIFICATION REGLABLE

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

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(72) **DILLING, Edwin, Robert**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **RUTTEN, Peter, Johannes, Henricus**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **KLAASSEN, Marcus, Gerardus, Johannes, Jacobus**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAN DER WAL, Robert, Harry**; 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) CN JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/53580** (13) A1

(21) PCT/US98/07696

(22) **17 Apr/avr 1998 (17.04.1998)**

(25) en (26) en

(31) 08/858,337 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04L 27/38, 27/22, 27/144**

(54) ● METHOD AND APPARATUS FOR DEMODULATING A SYMBOL

● DEMODULATEUR DE SYMBOLE ET PROCEDE CORRESPONDANT

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **CHEN, Weizhong**; 416 Pin Oak Trail, Keller, TX 76268 (US). **SOUISSI, Slim**; 5701 Sandshell Drive #2006, Fort Worth, TX 76137 (US).

(74) **BETHARDS, Charles, W.** et al. / etc.; Motorola Inc., 5401 North Beach Street, MS/E230, Fort Worth, TX 76137 (US).

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

(11) **WO 98/53581** (13) A1

(21) PCT/US98/09925

(22) **15 May/mai 1998 (15.05.1998)**

(25) en (26) en

(31) 60/047,065 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(31) 09/076,977 (32) **13 May/mai 1998 (13.05.1998)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04L 29/06, 12/28, G05B 19/042**

(54) ● SERVER SYSTEM AND METHOD FOR NETWORKING CONTROL NETWORKS AND DIRECT INPUT/OUTPUT DEVICES WITH THE WORLD WIDE WEB

● SYSTEME SERVEUR ET PROCEDE PERMETTANT DE CONNECTER DES RESEAUX DE COMMANDE ET DES DISPOSITIFS A ENTREE/SORTIE DIRECTES PAR L'INTERMEDIAIRE DU WORLD WIDE WEB

(71) **COACTIVE NETWORKS, INC.** [US/US]; Suite 303, 4000 Bridgeway, Sausalito, CA 94965 (US).

(72) **GAW, David**; 200A San Rafael Avenue, San Rafael, CA 94901 (US). **KOCH, Ed**; 218 Devon Drive, San Rafael, CA 94902 (US). **MARSH, Adam**; 40 Stewer, San Francisco, CA 94117 (US). **HENNAGE, Dan**; 915 Centro Way, Mill Valley, CA 94941 (US).

(74) **SAWYER, Joseph, A., Jr.** et al. / etc.; Sawyer & Associates, P.O. Box 51418, Palo Alto, CA 94303 (US).

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

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(11) **WO 98/53582** (13) A1

(21) PCT/US98/10227

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(31) 08/862,134 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(31) 08/925,370 (32) **8 Sep/sep 1997 (08.09.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04L 29/06, H04M 3/42**

(54) ● INTERNET-BASED SUBSCRIBER PROFILE MANAGEMENT OF A COMMUNICATIONS SYSTEM

● GESTION DE PROFIL D'ABONNE PAR INTERNET DANS UN SYSTEME DE COMMUNICATIONS

(71) **MCI COMMUNICATIONS CORPORATION** [US/US]; Technology Department, 1133 19th Street N.W., Washington, DC 20036 (US).

(72) **MILLER, James, Allen**; 105 Hames Street S.W., Cedar Rapids, IA 52404 (US). **VAIDYA, Ramchandra, S.**; Unit C, 2830 Towne House Drive N.E., Cedar Rapids, IA 52402-7082 (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) AU CA JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/53583** (13) A2

(21) PCT/DE98/01304

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(31) 197 20 494.5 (32) **16 May/mai 1997 (16.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04M 1/02**

(54) ● APPARATUS LEG

● PIED D'APPAREIL

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
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(72, 75) **OGORCZYK, Bernd** [DE/DE]; Ulmenweg 15, D-61184 Karben (DE). **BECK, Matthias** [DE/DE]; Boehlswasenweg 11/1, D-72555 Metzingen (DE).

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

(11) **WO 98/53584** (13) A1

(21) PCT/EP98/02739

(22) **11 May/mai 1998 (11.05.1998)**

(25) en (26) en

(31) T097A000427 (32) **20 May/mai 1997 (20.05.1997)** (33) IT

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04M 1/60**

(54) ● A CORDLESS HANDSFREE TELEPHONE SET

● APPAREIL TELEPHONIQUE MAINS LIBRES SANS FIL

- (71, 72) **RAIA, Salvatore** [IT/IT]; Corso Caio Plinio, 62, I-10127 Torino (IT). **BISCUOLA, Davide** [IT/IT]; Via Giacomo Dina, 38/8, I-10137 Torino (IT).
- (74) **ROBBA, Pierpaolo** et al. / etc.; Interpatent, Via Caboto, 35, I-10129 Torino (IT).
- (81) AL AU BA BB BG BR CA CN CU CZ EE GE GW 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 GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/53585** (13) A1
- (21) PCT/US98/10558
- (22) **21 May/mai 1998 (21.05.1998)**
- (25) en (26) en
- (31) 08/862,084 (32) **22 May/mai 1997 (22.05.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **H04M 1/60, H04R 1/10, H04B 1/38**
- (54) ● FULL DUPLEX CORDLESS COMMUNICATION SYSTEM
● SYSTEME DE TELEPHONIE EN DUPLEX SANS FIL
- (71) **PLANTRONICS, INC.** [US/US]; 337 Encinal Street, P.O. Box 1802, Santa Cruz, CA 95061-1802 (US).
- (72) **HENSOLT, Richard, A.**; 10250 Riverside Drive, Ben Lomond, CA 95005 (US).
- (74) **TOBIN, Christopher, M.** et al. / etc.; Fenwick & West LLP, 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/53586** (13) A1
- (21) PCT/IL98/00226
- (22) **19 May/mai 1998 (19.05.1998)**
- (25) en (26) en
- (31) 08/862,892 (32) **23 May/mai 1997 (23.05.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **H04M 1/64**
- (54) ● PHONEBOOK
● ANNUAIRE
- (71) **HOTAS HOLDINGS LTD.** [IL/IL]; Shmir Street 22, 60307 Or Yehuda (IL).
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- (72, 75) **GELFER, Yair** [IL/IL]; Pashosh Street 367, 71908 Maccabim (IL). **OTIKER, Yoseph** [IL/IL]; Alterman Street 16, 69415 Tel Aviv (IL). **ETING, Leon** [IL/IL]; Agur Street 352, Maccabim 71908 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/53587** (13) A1
- (21) PCT/US98/10284
- (22) **20 May/mai 1998 (20.05.1998)**
- (25) en (26) en
- (31) 08/862,288 (32) **23 May/mai 1997 (23.05.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **H04M 1/64, 15/00, 17/00**
- (54) ● METHOD AND SYSTEM FOR PROVIDING IMMEDIATE AUDIO OR DATA RESPONSE BILLING INFORMATION TO A USER
● PROCEDE ET SYSTEME FOURNISSANT A UN ABONNE EN REPONSE IMMEDIATE DES RENSEIGNEMENTS SUR LA TAXATION SOUS FORME AUDIO OU DE DONNEES
- (71) **MCI COMMUNICATIONS CORPORATION** [US/US]; 1133 19th Street, N.W., Washington, DC 20036 (US).
- (72) **HE, Jingsha**; 688 Brentwood Drive, San Jose, CA 95129 (US).
- (74) **CHERDAK, Erik, B.**; Erik B. Cherdak & Associates, LLC, 711 Chestertown Street, North Potomac, MD 20878 (US).
- (81) AU CA JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/53588** (13) A1
- (21) PCT/US98/09860
- (22) **14 May/mai 1998 (14.05.1998)**
- (25) en (26) en
- (31) 08/858,601 (32) **19 May/mai 1997 (19.05.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **H04M 3/00**
- (54) ● CALL OVERFLOW ADDRESS POINTER METHOD AND APPARATUS
● PROCEDE ET APPAREIL DE POINTEGE D'ADRESSES DE DEBORDEMENT D'APPELS
- (71) **ROCKWELL SEMICONDUCTOR SYSTEMS, INC.** [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660 (US).
- (72) **DEZONNO, Anthony, J.**; Apartment 1A, 5916 North Odell, Chicago, IL 60631 (US). **SUMNER, Roger, A.**; 1078 Shabbona Trail, Batavia, IL 60510 (US). **BRYLA, James, J.**; 409 Travelaire, Naperville, IL 60565 (US).

- (74) **SHEKLETON, Gerald, T.** et al. / etc.; Welsh & Katz, Ltd., 22nd floor, 120 S. Riverside Plaza, Chicago, IL 60606 (US).
- (81) AL AU BA BB BG BR CA CN CU CZ EE GE GW HU ID IL IS JP KP KR LC LK LR LT LV MK MN MX NO NZ PL RO SG SI SK SL TR TT UA UZ VN YU; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/53589** (13) A1
- (21) PCT/GB98/01305
- (22) **6 May/mai 1998 (06.05.1998)**
- (25) en (26) en
- (31) 97303375.6 (32) **16 May/mai 1997 (16.05.1997)** (33) EP
- (34) GB et al. / etc.
- (31) 9726125.9 (32) **10 Dec/déc 1997 (10.12.1997)** (33) GB
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **H04M 3/22**
- (54) ● TESTING TELECOMMUNICATIONS EQUIPMENT
● TEST D'EQUIPEMENT DE TELECOMMUNICATIONS
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- (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/53590** (13) A1
- (21) PCT/GB98/01306
- (22) **6 May/mai 1998 (06.05.1998)**
- (25) en (26) en
- (31) 97303375.6 (32) **16 May/mai 1997 (16.05.1997)** (33) EP
- (34) GB et al. / etc.
- (31) 9726125.9 (32) **10 Dec/déc 1997 (10.12.1997)** (33) GB
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **H04M 3/22**
- (54) ● MEASUREMENT OF SIGNAL QUALITY
● MESURE DE LA QUALITE DU SIGNAL

(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) **HOLLIER, Michael, Peter** [GB/GB]; 15 Herbert Road, Grange Farm, Kesgrave, Ipswich, Suffolk IP5 2XX (GB). **SHEPPARD, Philip, Julian** [GB/GB]; 72 Baucklesham Road, Ipswich, Suffolk, IP3 8TP (GB). **REYNOLDS, Richard, John** [GB/GB]; 103 Oaksread Close, Ipswich, Suffolk, IP4 4HW (GB). **RIX, Antony, William** [GB/GB]; Bottom Flat, 164 Huntingdon Road, Cambridge CB3 0LB (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53591** (13) A1

(21) PCT/US98/09926

(22) **14 May/mai 1998 (14.05.1998)**

(25) en (26) en

(31) 08/862,559 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04M 3/42, 3/38**

(54) ● METHOD AND APPARATUS FOR ENHANCED CALL WAITING IN A TELECOMMUNICATIONS NETWORK

● PROCEDE ET APPAREIL PERMETTANT DE PERFECTIONNER LE SERVICE D'APPELS EN INSTANCE DANS UN RESEAU DE TELECOMMUNICATIONS

(71) **MCI COMMUNICATIONS CORPORATION** [US/US]; Technology Dept., 1133 19th Street N.W., Washington, DC 20036 (US).

(72) **MUMFORD, Gregory, L.**; 3345 Jonquil Lane, Marion, IA 52302 (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) AU CA JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/53592** (13) A1

(21) PCT/DE98/01126

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) de (26) de

(31) 197 20 597.6 (32) **16 May/mai 1997 (16.05.1997)** (33) DE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04M 3/50**

(54) ● METHOD FOR OUTPUT HANDLING OF MESSAGES STORED IN THE MAILBOXES OF A MESSAGE STORAGE SYSTEM (SSS) OF A TELECOMMUNICATION FACILITY

● PROCEDE POUR LE TRAITEMENT DE SORTIE DE MESSAGES MIS EN MEMOIRE DANS DES BOITES POSTALES D'UN SYSTEME DE MEMORISATION DE MESSAGES (SSS) D'UNE INSTALLATION DE TELECOMMUNICATIONS

(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) **LARISCH, Erhard** [DE/DE]; Spitzelbergstrasse 17a, D-81476 München (DE).

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

Published / Publiée : (c)

(11) **WO 98/53593** (13) A1

(21) PCT/US98/10254

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 08/859,411 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04M 3/50**

(54) ● SYSTEM AND METHOD FOR PROVIDING CALL CENTER-BASED CUSTOMER SERVICES

● SYSTEME ET PROCEDE PERMETTANT D'OFFRIR DES SERVICES CLIENTS DEPUIS UN CENTRAL TELEPHONIQUE

(71) **MCI COMMUNICATIONS CORPORATION** [US/US]; Technology Dept., 1133 19th Street N.W., Washington, DC 20036 (US).

(72) **LA RUE, David, L.**; 1625 Seminole Avenue N.W. #5, Cedar Rapids, IA 52405 (US). **IVEY, Brian**; 745 Alpine Road, Marion, IA 52302 (US). **LEONARD, Timothy, M.**; 988 22nd Avenue, Coralville, IA 52241 (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) AU CA JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/53594** (13) A1

(21) PCT/US98/10279

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 08/859,421 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04M 3/50**

(54) ● GENERALIZED CUSTOMER PROFILE EDITOR FOR CALL CENTER SERVICES

● COMPILATEUR GENERALISE DE PROFILS CLIENTS POUR SERVICES DE CENTRE TELEPHONIQUE

(71) **MCI COMMUNICATIONS CORPORATION** [US/US]; Technology Dept., 1133 19th Street N.W., Washington, DC 20036 (US).

(72) **LA RUE, David, L.**; 1625 Seminole Avenue N.W. #5, Cedar Rapids, IA 52405 (US). **IVEY, Brian**; 745 Alpine Road, Marion, IA 52302 (US). **LEONARD, Timothy, M.**; 988 22nd Avenue, Coralville, IA 52241 (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) AU CA JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/53595** (13) A1

(21) PCT/FR98/01010

(22) **20 May/mai 1998 (20.05.1998)**

(25) fr (26) fr

(31) 97/06191 (32) **21 May/mai 1997 (21.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04M 9/08**

(54) ● METHOD AND DEVICE FOR REDUCING MULTI-CHANNEL ACOUSTIC ECHO AND ADAPTING SOUND TO SPACE CONDITIONS

● PROCEDE ET DISPOSITIF DE REDUCTION D'ECHO ACOUSTIQUE MULTIVOIES ET DE SPATIALISATION SONORE

(71) **FRANCE TELECOM** [FR/FR]; 6, place d'Alleray, F-75015 Paris (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **THOMAS, Jean-Philippe** [FR/FR]; 7, route de Kermaria, F-22350 Trezeny (FR). **SALIOU, Alain** [FR/FR]; Le Cosquer, Brélevenez, F-22300 Lannion (FR). **EMERIT, Marc** [FR/FR]; 18, rue Porzou, F-22200 Guingamp (FR). **MAHIEUX, Yannick** [FR/FR]; Roc'h Glas, Tonquédec, F-22140 Bégard (FR).

(74) **LOISEL, Bertrand** et al. / etc.; Cabinet Plasseraud, 84, rue d'Amsterdam, F-75440 Paris Cedex 09 (FR).

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

(11) **WO 98/53596** (13) A1

(21) PCT/EP98/02973

(22) **20 May/mai 1998 (20.05.1998)**

(25) de (26) de

(31) 97108323.3 (32) **22 May/mai 1997 (22.05.1997)** (33) EP

(34) DE et al. / etc.

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04M 15/00**

(54) ● METHOD FOR DISCOUNTING TELECOMMUNICATIONS SERVICES

● PROCEDE POUR L'OBTENTION DE RABAIS SUR DES SERVICES DE TELECOMMUNICATIONS

(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) **HUYGHE, Carlos** [BE/BE]; Serafien De Ryckelaan 14, B-9840 De Pinte (BE). **DE BOIS, Sonja** [BE/BE]; Heerweg Noord 126, B-9052 Zwijnaarde (BE). **HAMANN, Jan** [DE/DE]; Erlbachstrasse 9b, D-81249 München (DE).

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

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- (11) **WO 98/53597** (13) A1
 (21) PCT/US98/10283
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 (25) en (26) en
 (31) 08/862,282 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04M 15/00**

- (54) ● METHOD AND SYSTEM FOR TOLL CHARGE AND RATE INQUIRY SERVICE FOR PORTABLE NUMBERS
 ● PROCEDE ET SYSTEME D'INFORMATION SUR LA FACTURATION RELATIVE AUX NUMEROS DE PORTABLES

(71) **MCI COMMUNICATIONS CORPORATION** [US/US]; 1133 19th Street, N.W., Washington, DC 20036 (US).

(72) **HE, Jingsha**; 688 Brentwood Drive, San Jose, CA 95129 (US).

(74) **CHERDAK, Erik, B.**; Erik B. Cherdak & Associates, LLC, 711 Chestertown Street, North Potomac, MD 20878 (US).

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

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- (11) **WO 98/53598** (13) A1
 (21) PCT/US98/10294
 (22) **20 May/mai 1998 (20.05.1998)**
 (25) en (26) en
 (31) 08/862,283 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04M 15/00**

- (54) ● METHOD AND SYSTEM FOR DETERMINING OPTIMAL CALL PERIODS IN ACCORDANCE WITH CALLER AND CALLEE PARAMETERS
 ● PROCEDE ET SYSTEME DE DETERMINATION DES PERIODES OPTIMALES D'APPEL EN FONCTION DES PARAMETRES DE L'APPELANT ET DE L'APPELE

(71) **MCI COMMUNICATIONS CORPORATION** [US/US]; 1133 19th Street, N.W., Washington, DC 20036 (US).

(72) **JOHNSON, William, J.**; 1445 Sedalia Drive, Flower Mound, TX 75028 (US). **HE, Jingsha**; 688 Brentwood Drive, San Jose, CA 95129 (US).

(74) **CHERDAK, Erik, B.**; Erik B. Cherdak & Associates, LLC, 711 Chestertown Street, North Potomac, MD 20878 (US).

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

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- (11) **WO 98/53599** (13) A1
 (21) PCT/US98/10585
 (22) **21 May/mai 1998 (21.05.1998)**
 (25) en (26) en
 (31) 08/862,280 (32) **23 May/mai 1997 (23.05.1997)** (33) US
 (31) 08/862,289 (32) **23 May/mai 1997 (23.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04M 15/00, 3/42, 7/00, 3/00, 5/00**

- (54) ● OBJECT ORIENTED CALL PROCESSING AND SERVICE CREATION PLATFORM
 ● TRAITEMENT D'APPEL ORIENTE VERS L'OBJET ET PLATE-FORME DE CREATION DE SERVICES

(71) **MCI COMMUNICATIONS CORPORATION** [US/US]; 1133 19th Street, N.W., Washington, DC 20036 (US).

(72) **HIGGINS, Steven, P.**; 2530 Tamora Way, Colorado Springs, CO 80919 (US). **MOORE, Richard, D.**; 5153 Windgate Court, Colorado Springs, CO 80917 (US). **MYERS, Michael, M.**; 5221 Smokehouse Lane, Colorado Springs, CO 80917 (US). **SPINKS, Alastair, N.**; 5735 Tomah Drive, Colorado Springs, CO 80918 (US).

(74) **JOBE, Jonathan, E., Jr.**; Thompson & Knight, P.C., Suite 3300, 1700 Pacific Avenue, Dallas, TX 75201-4693 (US).

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

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- (11) **WO 98/53600** (13) A1
 (21) PCT/EP98/02316
 (22) **20 Apr/avr 1998 (20.04.1998)**
 (25) de (26) de
 (31) 97108324.1 (32) **22 May/mai 1997 (22.05.1997)** (33) EP

(34) DE et al. / etc.

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04M 15/28, 15/00**

- (54) ● METHOD FOR CHARGING CALLS IN A COMMUNICATIONS NETWORK
 ● PROCEDE POUR LA TAXATION DES COMMUNICATIONS DANS UN RESEAU DE COMMUNICATIONS

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
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(72, 75) **HUYGHE, Carlos** [BE/BE]; Serafien de Ryckelaan 14, B-9840 De Pinte (BE). **DE BOSSCHER, Dirk** [BE/DE]; Franz-Fendt-Weg 12, D-81739 München (DE). **RENIER, Dirk** [BE/BE]; Spechtenlaan 1, B-9060 Zelzate (BE). **HAMANN, Jan** [DE/DE]; Erlbachstrasse 9 B, D-81249 München (DE).

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

- (11) **WO 98/53601** (13) A1
 (21) PCT/EP98/03051
 (22) **22 May/mai 1998 (22.05.1998)**
 (25) de (26) de
 (31) 97108321.7 (32) **22 May/mai 1997 (22.05.1997)** (33) EP

(34) DE et al. / etc.

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04M 15/28, 15/00**

- (54) ● METHOD FOR CHARGING CONNECTIONS IN A COMMUNICATIONS NETWORK
 ● PROCEDE DE TAXATION DE COMMUNICATIONS DANS UN RESEAU DE TELECOMMUNICATIONS

(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) **HUYGHE, Carlos** [BE/BE]; Serafien de Ryckelaan 14, B-9840 De Pinte (BE). **DE BOSSCHER, Dirk** [BE/DE]; Franz-Fendt-Weg 12, D-81739 München (DE). **RENIER, Dirk** [BE/BE]; Spechtenlaan, B-9060 Zelzate (BE). **HAMANN, Jan** [DE/DE]; Erlbachstrasse 9 B, D-81249 München (DE).

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

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- (11) **WO 98/53602** (13) A1
 (21) PCT/GB98/00851
 (22) **25 Mar/mar 1998 (25.03.1998)**
 (25) en (26) en
 (31) 9710730.4 (32) **23 May/mai 1997 (23.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04M 17/00, 15/00**

- (54) ● BILLING CENTER FOR PREPAID TELEPHONE CALLS
 ● CENTRE DE FACTURATION POUR APPELS TELEPHONIQUE PREPAYES

(71) **ORANGE PERSONAL COMMUNICATIONS SERVICES LIMITED** [GB/GB]; St. James Court, Great Park Road, Almondsbury Park, Bradley Stoke, Bristol BS12 4QJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PLUSH, Christopher** [GB/GB]; 2 Craven Villas, Faringdon Road, Kingston Bagpuze, Oxfordshire OX3 5AG (GB). **GREEN, Shelaine** [GB/GB]; 19 Omega Maltings, Star Street, Ware, Hertfordshire SG7 AB (GB). **ROAT, David** [GB/GB]; 5 Sherbourne Court, 46 Beaconsfield Road, St. Albans AL13 3RB (GB). **FERGUSON, Michael** [GB/GB]; 14 Wellington Avenue, Montpellier, Bristol BS6 5HP (GB). **CARR, Brian** [GB/GB]; 19 Wilberforce Way, Solihull, West Midlands B92 0QA (GB).

(74) **MUSKER, David, C.** et al. / etc.; R.G.C. Jenkins & Co., 26 Caxton Street, London SW1H 0RJ (GB).

(81) AL AM AT AU (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR 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 98/53603** (13) A2
 (21) PCT/US98/10137
 (22) **15 May/mai 1998 (15.05.1998)**
 (25) en (26) en
 (31) 08/858,779 (32) **19 May/mai 1997 (19.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04N**

- (54) ● METHOD AND APPARATUS FOR ENABLING A FACSIMILE MACHINE TO BE AN E-MAIL CLIENT
● PROCEDE ET APPAREIL PERMETTANT A UN TELECOPIEUR D'ETRE UN CLIENT DE COURRIER ELECTRONIQUE

(71) **E-CENTRIC, INCORPORATED** [US/US]; Steuart Street Tower, Suite 1425, One Market Plaza, San Francisco, CA 94105 (US).

(72) **RACHELSON, Tevya, A.**; Steuart Street Tower, Suite 1425, One Market Plaza, San Francisco, CA 94105 (US).

(74) **COOK, Thomas, W.**; Suite 425, 3030 Bridgeway, P.O. Box 1989, Sausalito, CA 94965 (US).

(81) JP.

(11) **WO 98/53604** (13) A1

(21) PCT/BE98/00070

(22) **19 May/mai 1998 (19.05.1998)**

(25) en (26) en

(31) 97201537.4 (32) **23 May/mai 1997 (23.05.1997)** (33) EP

(34) BE et al. / etc.

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04N 1/00, 9/31**

(54) ● LCD-PROJECTOR

● PROJECTEUR A AFFICHEUR A CRISTAUX LIQUIDES

(71) **BARCO N.V.** [BE/BE]; Frankrijklaan 18, B-8970 Poperinge (BE).
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(72, 75) **VAN DEN BOSSCHE, Bart** [BE/BE]; Waterhoennest 21, B-8520 Kuurne (BE). **VERBIEST, Rik** [BE/BE]; Veldstraat 9, B-9900 Eeklo (BE).

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

(11) **WO 98/53605** (13) A2

(21) PCT/US98/10426

(22) **21 May/mai 1998 (21.05.1998)**

(25) en (26) en

(31) 60/047,278 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(31) 08/912,660 (32) **18 Aug/août 1997 (18.08.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04N 1/40**

(54) ● METHOD AND APPARATUS FOR PERFORMING IMAGE ENHANCEMENT

● PROCEDE ET APPAREIL PERMETTANT DE METTRE EN OEUVRE UNE AMELIORATION D'IMAGES

(71) **SARNOFF CORPORATION** [US/US]; 201 Washington Road, CN 5300, Princeton, NJ 08543-5300 (US).

(72) **MC CAFFREY, Nathaniel, Joseph**; 412 Lambertville Hopewell Road, Lambertville, NJ 08530 (US).

(74) **BURKE, William, J.** et al. / etc.; Sarnoff Corporation, 201 Washington Road, CN 5300, Princeton, NJ 08543-5300 (US).

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

(11) **WO 98/53606** (13) A1

(21) PCT/JP98/02246

(22) **22 May/mai 1998 (22.05.1998)**

(25) ja (26) ja

(31) 9/134037 (32) **23 May/mai 1997 (23.05.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04N 5/262**

(54) ● IMAGE GENERATING DEVICE AND IMAGE GENERATING METHOD

● IMAGEUR ET PRINCIPE CORRESPONDANT

(71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OHKI, Mitsuharu** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **NAGANO, Hidetoshi** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **TOTSUKA, Takashi** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) **YAMAGUCHI, Kunio** et al. / etc.; Hirayama Building 5F, 15-2, Uchikanda 1-chome, Chiyoda-ku, Tokyo 101-0047 (JP).

(81) IL US; EP (DE ES FR GB).

(11) **WO 98/53607** (13) A1

(21) PCT/US98/08982

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/858,984 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04N 5/445, 7/088**

(54) ● INTERACTIVE TELEVISION PROGRAM GUIDE WITH SELECTABLE NON-PROGRAM OPTIONS

● GUIDE INTERACTIF DE PROGRAMMES DE TELEVISION COMPORTANT DES OPTIONS HORS PROGRAMMES POUVANT ETRE SELECTIONNEES

(71) **PREVUE INTERNATIONAL, INC.** [US/US]; 7140 South Lewis Avenue, Tulsa, OK 74136 (US).

(72) **SATTERFIELD, Kevin, D.**; 102 Elk Ridge Drive, Mannford, OK 74044 (US).

(74) **TREYZ, G., Victor** et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

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

(11) **WO 98/53608** (13) A1

(21) PCT/BE98/00073

(22) **20 May/mai 1998 (20.05.1998)**

(25) en (26) en

(31) 97870070.6 (32) **20 May/mai 1997 (20.05.1997)** (33) EP

(34) BE et al. / etc.

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04N 5/74, G02F 1/1335**

(54) ● CONTRAST IMPROVEMENT IN LIQUID CRYSTAL LIGHT VALVE PROJECTORS

● AMELIORATION DU CONTRASTE DANS DES PROJECTEURS A MODULEUR A CRISTAUX LIQUIDES

(71) **BARCO N.V.** [BE/BE]; Frankrijklaan 18, B-8970 Poperinge (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAXIMUS, Bart** [BE/BE]; Heurnestraat 360, B-9700 Oudenaarde (BE). **CANDRY, Patrick** [BE/BE]; Bavikhoofsestraat 2, B-8530 Harelbeke (BE). **VAN DEN BOSSCHE, Bart** [BE/BE]; Waterhoennest 21, B-8520 Kuurne (BE).

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

(11) **WO 98/53609** (13) A1

(21) PCT/US98/10315

(22) **21 May/mai 1998 (21.05.1998)**

(25) en (26) en

(31) 08/861,741 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04N 7/088, 5/445**

(54) ● PERSONAL TELEVISION EDITING SYSTEM
● SYSTEME PERSONNEL DE COMPILATION DE PROGRAMMES DE TELEVISION

(71) **SOUNDVIEW TECHNOLOGIES INCORPORATED** [US/US]; Two Soundview Drive, Greenwich, CT 06830 (US).

(72) **BROWNE, H., Lee**; 129 Round Hill Road, Greenwich, CT 06831 (US). **ELAM, Carl, M.**; 9521 Horn Avenue, Perry Hall, MD 21236 (US). **SCHMIDT, David, H.**; 10 Juniper Road, Rowayton, CT 06853 (US).

(74) **GARRETT, Arthur, S.** et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).

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

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- (11) **WO 98/53610** (13) A1
 (21) PCT/US97/08694
 (22) **22 May/mai 1997 (22.05.1997)**
 (25) en (26) en
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **H04N 7/14, 7/22**
 (54) ● PHOTONIC HOME AREA NETWORK
 ● RESEAU LOCAL DOMESTIQUE PHOTO-
 NIQUE
 (71, 72) **TOMICH, John, Louis** [US/US]; 614
 Meadowview Lane, Coppell, TX 75019 (US). **TO-
 MICH, Matthew, Michael** [US/US]; Apartment
 258, 2831 N. Shiloh, Garland, TX 75044 (US).
 (74) **SMITH, Kevin, L.**; Winstead Sechrest & Minick
 P.C., Suite 5400, 1201 Elm Street, Dallas, TX
 75270 (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); EA (AM
 AZ BY KG KZ MD RU TJ TM); EP (AT BE CH
 DE DK ES FI FR 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 98/53611** (13) A1
 (21) PCT/IB98/00580
 (22) **20 Apr/avr 1998 (20.04.1998)**
 (25) en (26) en
 (31) 97201510.1 (32) **21 May/mai 1997 (21.05.1997)** (33) EP
 (34) NL et al. / etc.
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **H04N 7/173, 5/445**
 (54) ● TRANSMISSION AND RECEPTION OF TE-
 LEVISION PROGRAMS
 ● TRANSMISSION ET RECEPTION DE PRO-
 GRAMMES TELEVISES
 (71) **KONINKLIJKE PHILIPS ELECTRONICS**
 N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA
 Eindhoven (NL).
 (71) **PHILIPS AB** [SE/SE]; Kottbygatan 7, Kista,
 S-164 85 Stockholm (SE).
(only for / seulement pour SE)
 (72) **TEN KATE, Warner, Rudolph, Theophile**; Prof.
 Holstlaan 6, NL-5656 AA Eindhoven (NL). **MAT-
 THEWS, Peter, George**; Prof. Holstlaan 6,
 NL-5656 AA Eindhoven (NL). **SCHOENMA-
 KERS, Arnoldus, Fransiscus**; Prof. Holstlaan
 6, NL-5656 AA Eindhoven (NL). **CHARMAN,
 Helen, Louis**; Prof. Holstlaan 6, NL-5656 AA
 Eindhoven (NL). **DOBBELAAR, Astrid**; Prof.
 Holstlaan 6, NL-5656 AA Eindhoven (NL).
 (74) **SCHMITZ, Herman, J., R.**; Internationaal Oc-
 trooibureau B.V., P.O. Box 220, NL-5600 AE
 Eindhoven (NL).
 (81) CA CN JP KR; EP (AT BE CH CY DE DK ES FI
 FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/53612** (13) A1
 (21) PCT/US98/10447
 (22) **22 May/mai 1998 (22.05.1998)**
 (25) en (26) en

- (31) 08/862,451 (32) **23 May/mai 1997 (23.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **H04N 7/18, 7/14**
 (54) ● A METHOD AND APPARATUS FOR CON-
 TROLLING EQUIPMENT AND ADVISING
 PERSONNEL UTILIZING LONG DISTANCE
 COMMUNICATIONS
 ● PROCEDE ET APPAREIL PERMETTANT
 DE SURVEILLER DES EQUIPEMENTS ET
 D'EMPLOYER DES CONSEILLERS AU
 MOYEN DE COMMUNICATIONS LONGUE
 DISTANCE
 (71) **G.A. BRAUN, INC.** [US/US]; 461 East Brighton
 Avenue, Syracuse, NY 13205 (US).
 (72) **MEIER, Peter, J.**; 4633 E. Lake Road, Cazenovia,
 NY 13035 (US). **MEIER, Eric**; 463 Westbrook
 Hills Drive, Syracuse, NY 13215 (US).
 (74) **McGUIRE, George, R.** et al. / etc.; Hancock &
 Estabrook, LLP, 1500 Mony Tower 1, P.O. Box
 4976, Syracuse, NY 13221-4976 (US).
 (81) CA MX; EP (AT BE CH CY DE DK ES FI FR
 GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/53613** (13) A1
 (21) PCT/US98/08193
 (22) **21 Apr/avr 1998 (21.04.1998)**
 (25) en (26) en
 (31) 08/859,584 (32) **20 May/mai 1997 (20.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **H04N 7/32**
 (54) ● APPARATUS, METHOD AND COMPUTER
 READABLE MEDIUM FOR SCALABLE CO-
 DING OF VIDEO INFORMATION
 ● APPAREIL, PROCEDE ET SUPPORT INFOR-
 MATIQUE PERMETTANT LE CODAGE SCA-
 LAIRE D'INFORMATIONS VIDEO
 (71) **MOTOROLA INC.** [US/US]; 1303 East Algon-
 quin Road, Schaumburg, IL 60196 (US).
 (72) **ROBERS, Marshall, A.**; Apartment 204, 800
 Hinman Avenue, Evanston, IL 60202 (US).
BANHAM, Mark, R.; 1705 W. Portsmith Lane,
 Arlington Heights, IL 60004 (US). **KATSAG-
 GELOS, Aggelos, K.**; 714 W. Cornelia Avenue,
 Chicago, IL 60657 (US).
 (74) **STOCKLEY, Darleen, J.** et al. / etc.; Motorola
 Inc., Intellectual Property Dept., 1303 East Algon-
 quin Road, Schaumburg, IL 60196 (US).
 (81) CA; EP (AT BE CH CY DE DK ES FI FR GB GR
 IE IT LU MC NL PT SE).

- (11) **WO 98/53614** (13) A1
 (21) PCT/US98/09438
 (22) **11 May/mai 1998 (11.05.1998)**
 (25) en (26) en
 (31) 08/862,910 (32) **23 May/mai 1997 (23.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **H04N 7/58**
 (54) ● SYSTEM FOR DIGITAL DATA FORMAT
 CONVERSION AND BIT STREAM GENE-
 RATION

- SYSTEME POUR CONVERSION NUME-
 RIQUE DE FORMATS DE DONNEES ET
 PRODUCTION D'UN TRAIN BINAIRE
 (71) **THOMSON CONSUMER ELECTRONICS,
 INC.** [US/US]; 10330 North Meridian Street,
 Indianapolis, IN 46290-1024 (US).
 (72) **SETTLE, Timothy, Forrest**; 7618 Perrier Drive,
 Indianapolis, IN 46278 (US). **HORLANDER,
 Thomas, Edward**; 6234 Haverford Avenue, India-
 napolis, IN 46220 (US). **BRIDGEWATER, Ke-
 vin, Elliott**; 290 South Muessing Road, Indianapo-
 lis, IN 46229 (US). **LU, Ligang**; 9257 D College
 Drive, Indianapolis, IN 46240 (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 GM
 GW HU ID IL IS JP KE KG KP KR KZ LC LK
 LR LS LT LU LV MD MG MK MN MW MX NO
 NZ PL PT RO RU SD SE SG SI SK SL TJ TM
 TR TT UA UG UZ VN YU ZW; AP (GH GM KE
 LS MW SD SZ UG ZW); EA (AM AZ BY KG
 KZ MD RU TJ TM); EP (AT BE CH CY DE DK
 ES FI FR GB GR IE IT LU MC NL PT SE); OA
 (BF BJ CF CG CI CM GA GN ML MR NE SN
 TD TG).

- (11) **WO 98/53615** (13) A1
 (21) PCT/IB98/00401
 (22) **19 Mar/mar 1998 (19.03.1998)**
 (25) en (26) en
 (31) 97201534.1 (32) **22 May/mai 1997 (22.05.1997)** (33) EP
 (34) NL et al. / etc.
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **H04N 9/64, 9/73**
 (54) ● WHITE BALANCE CONTROL
 ● COMMANDE D'EQUILIBRAGE DES
 BLANCS
 (71) **KONINKLIJKE PHILIPS ELECTRONICS**
 N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA
 Eindhoven (NL).
 (71) **PHILIPS AB** [SE/SE]; Kottbygatan 7, Kista,
 S-164 85 Stockholm (SE).
(only for / seulement pour SE)
 (72) **VAN DER VOORT, Victor, Henricus, Julianus**;
 Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
 (74) **STEENBEEK, Leonardus, J.**; Internationaal Oc-
 trooibureau 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).

- (11) **WO 98/53616** (13) A1
 (21) PCT/EP98/02869
 (22) **15 May/mai 1998 (15.05.1998)**
 (25) de (26) de
 (31) 197 20 801.0 (32) **16 May/mai 1997 (16.05.1997)** (33) DE
 (31) 197 28 526.0 (32) **4 Jul/juillet 1997 (04.07.1997)** (33) DE
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **H04N 13/04**
 (54) ● AUTOSTEREO SCOPIC DISPLAY DEVICE

- SYSTEME D'AFFICHAGE AUTOSTEREO-SCOPIQUE
- (71, 72) **GROSSMANN, Christoph** [DE/DE]; Hochallee 70, D-20149 Hamburg (DE).
- (74) **WIEBUSCH, Manfred**; Artur-Ladebeck-Strasse 51, D-33617 Bielefeld (DE).
- (81) CA CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/53617** (13) A2
(21) PCT/US98/10592
(22) **20 May/mai 1998 (20.05.1998)**
(25) en (26) en
(31) 60/047,288 (32) **21 May/mai 1997 (21.05.1997)** (33) US
(31) 60/063,630 (32) **27 Oct/oct 1997 (27.10.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **H04Q**
(54) ● SYSTEM AND METHOD FOR IMPLEMENTING CALL WAITING FUNCTIONS OVER A NETWORK
● SYSTEME ET PROCEDE DE MISE EN OEUVRE DE FONCTION D'APPELS EN ATTENTE SUR UN RESEAU
- (71) **BELL COMMUNICATIONS RESEARCH, INC.** [US/US]; 445 South Street, Morristown, NJ 07960-6438 (US).

- (72) **BAJZATH, James, A., Jr.**; 15 McCay Drive, Roebling, NJ 08554 (US). **GHOGHARI, Nilay**; 19 Tory Court, Bedminster, NJ 07921 (US). **SMYK, Darek, A.**; 15 Zirkel Avenue, Piscataway, NJ 08854 (US).
- (74) **GIORDANO, Joseph et al.** / etc.; International Coordinator, Rm.1G112R, 445 South Street, Morristown, NJ 07960-6438 (US).
- (81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/53618** (13) A2
(21) PCT/CA98/00472
(22) **19 May/mai 1998 (19.05.1998)**
(25) en (26) en
(31) 08/859,197 (32) **20 May/mai 1997 (20.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **H04Q 7/00**
(54) ● ENHANCED CELLULAR LAYOUT FOR CDMA NETWORKS HAVING SIX-SECTORED CELLS
● COUCHE CELLULAIRE AMELIOREE POUR RESEAUX AMRC COMPRENANT DES CELLULES A SIX SECTEURS
- (71) **NORTHERN TELECOM LIMITED** [CA/CA]; World Trade Center of Montreal, 8th floor, 380 St. Antoine Street West, Montreal, Quebec H2Y 3Y4 (CA).

- (72) **CHHEDA, Ashvin**; 7650 McCallum Boulevard #314, Dallas, TX 75252 (US). **BASSIRAT, Farhad**; 6808 Dalmatian Circle, Plano, TX 75023 (US).
- (74) **O'NEILL, T., Gary et al.** / etc.; Gowling, Strathy & Henderson, Suite 2600, 160 Elgin Street, Ottawa, Ontario K1P 1C3 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/53619** (13) A2
(21) PCT/SE98/00917
(22) **15 May/mai 1998 (15.05.1998)**
(25) en (26) en
(31) 08/859,395 (32) **20 May/mai 1997 (20.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **H04Q 7/00, G06F**
(54) ● BACKGROUND SOFTWARE LOADING IN CELLULAR TELECOMMUNICATION SYSTEMS
● CHARGEMENT D'UN LOGICIEL D'ARRIERE-PLAN DANS DES SYSTEMES DE TELECOMMUNICATIONS CELLULAIRES
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).

- (72) **GENELL, Bror, Erik, Gunnar**; Folkungagatan 132B, S-116 30 Stockholm (SE).
- (74) **ERICSSON RADIO SYSTEMS AB**; Common Patent Dept., S-164 80 Stockholm (SE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/53620** (13) A1
(21) PCT/US98/09132
(22) **5 May/mai 1998 (05.05.1998)**
(25) en (26) en
(31) 08/858,593 (32) **19 May/mai 1997 (19.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **H04Q 7/00**
(54) ● BOUNDARY SECTOR HARD HANDOFF TRIGGER
● DECLENCHEUR DE TRANSFERT INTER-CELLULAIRE A SOLUTION DE CONTINUTE DANS LES SECTEURS LIMITEES
- (71) **NORTHERN TELECOM LIMITED** [CA/CA]; World Trade Center of Montreal, 8th floor, 380 St. Antoine Street West, Montreal, Quebec H2Y 3Y4 (CA).

- (71, 72) **BOETTGER, David** [US/US]; 2111 E. Belt Line Road #156A, Richardson, TX 75091 (US). **JALALI, Amhad** [CA/US]; 7424 Wildflower Drive, Plano, TX 75024 (US).

- (74) **McCOMBS, David, L.**; Haynes and Boone, L.L.P., 3100 NationsBank Plaza, 901 Main Street, Dallas, TX 75202-3789 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/53621** (13) A2
(21) PCT/US98/10180
(22) **19 May/mai 1998 (19.05.1998)**
(25) en (26) en
(31) 08/858,245 (32) **19 May/mai 1997 (19.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **H04Q 7/00**
(54) ● METHOD AND APPARATUS FOR OPTIMIZATION OF A CELLULAR NETWORK
● PROCEDE ET APPAREIL POUR L'OPTIMISATION D'UN RESEAU CELLULAIRE
- (71) **QUALCOMM INCORPORATED** [US/US]; 6455 Lusk Boulevard, San Diego, CA 92121 (US).

- (72) **PADOVANI, Roberto**; 13593 Penfield Point, San Diego, CA 92130 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/53622** (13) A1
(21) PCT/US98/10560
(22) **21 May/mai 1998 (21.05.1998)**
(25) en (26) en
(31) 08/861,458 (32) **22 May/mai 1997 (22.05.1997)** (33) US
(43) 26 Nov/nov 1998 (26.11.1998)
(51)⁶ **H04Q 7/08, 7/10**
(54) ● METHOD AND APPARATUS FOR ADAPTING OMNIDIRECTIONAL SYNCHRONOUS WIRELESS COMMUNICATION
● PROCEDE ET APPAREIL PERMETTANT D'ADAPTER UNE RADIOCOMMUNICATION SYNCHRONE OMNIDIRECTIONNELLE
- (63) US 08/861,458 (CON)
22 May/mai 1997 (22.05.1997)

- (71) **WIRELESS ONLINE, INC.** [US/US]; Suite 103, 4410 El Camino Real, Los Altos, CA 94022 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEISS, Anthony, J.** [IL/IL]; Barazani Street 12, 69121 Tel Aviv (IL). **KARMI, Yair** [IL/IL]; Ha'nachlieli Street 16, 75550 Rishon Lezion (IL). **ZORMAN, Ilan** [IL/US]; 970 Van Auken Circle, Palo Alto, CA 94303 (US). **HAREL, Haim** [IL/US]; 798 Barron Avenue, Palo Alto, CA 94306 (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) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/53623** (13) A1

(21) PCT/US98/10640

(22) **21 May/mai 1998 (21.05.1998)**

(25) en (26) en

(31) 08/861,455 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04Q 7/08**

(54) ● MULTI-CHANNEL MULTI-BEAM ENCODING SYSTEM
● SYSTEME DE CODAGE MULTIVOIES/MULTIFAISCEAUX

(63) US 08/861,455 (CON)
22 May/mai 1997 (22.05.1997)

(71) **WIRELESS ONLINE, INC.** [US/US]; Suite 103, 4410 El Camino Real, Los Altos, CA 94022 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEISS, Anthony, J.** [IL/IL]; Barazani Street 12, 69121 Tel Aviv (IL). **KARMI, Yair** [IL/IL]; Ha'nachlieli Street 16, 75550 Rishon Lezion (IL). **ZORMAN, Ilan** [IL/US]; 970 Van Auken Circle, Palo Alto, CA 94303 (US). **HAREL, Haim** [IL/US]; 798 Barron Avenue, Palo Alto, CA 94306 (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) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/53624** (13) A1

(21) PCT/US98/02349

(22) **5 Feb/fév 1998 (05.02.1998)**

(25) en (26) en

(31) 08/862,160 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04Q 7/14**

(54) ● ELECTRONIC MAIL NOTIFICATION AND ACCESS

● COURRIER ELECTRONIQUE, NOTIFICATION ET ACCES

(71) **SEIKO COMMUNICATIONS OF AMERICA, INC.** [US/US]; Suite 140, 1625 N.W. Amber Glen Court, Beaverton, OR 97006 (US).

(72) **PARK, Michael, C.**; 9665 S.W. Melnore Street, Portland, OR 97225 (US).

(74) **GALBI, Elmer**; Seiko Communications of America, Inc., Suite 140, 1625 N.W. Amber Glen Court, Beaverton, OR 97006 (US).

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

(11) **WO 98/53625** (13) A1

(21) PCT/EP98/02997

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 97830229.7 (32) **16 May/mai 1997 (16.05.1997)** (33) EP

(34) AT et al. / etc.

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04Q 7/22, 7/30**

(54) ● SOLELY DIGITAL BASE STATION AND DIGITAL BEAMFORMING FOR MOBILE RADIO SYSTEMS

● STATION DE BASE UNIQUEMENT NUMERIQUE ET MISE EN FORME DE FAISCEAUX NUMERIQUES POUR DES SYSTEMES DE RADIO MOBILE

(71) **ITALTEL S.P.A.** [IT/IT]; Piazzale Zavattari, 12, I-20149 Milan (IT). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COLAMONICO, Armando** [IT/IT]; Via Fannin, 2, I-20010 Arluno (IT). **DONATI, Marcello** [IT/IT]; Via Bazzini, 9, I-20131 Milano (IT).

(74) **GIUSTINI, Delio**; Italtel S.p.A., Cascina Castelletto, I-20019 Settimo Milanese (IT).

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

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(11) **WO 98/53626** (13) A1

(21) PCT/SE98/00914

(22) **15 May/mai 1998 (15.05.1998)**

(25) en (26) en

(31) 9701933-5 (32) **23 May/mai 1997 (23.05.1997)** (33) SE

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04Q 7/24**

(54) ● METHOD AND ARRANGEMENT FOR SUPPORTING OPERATOR SPECIFIC SERVICES TO A SUBSCRIBER IN A MOBILE TELECOMMUNICATIONS SYSTEM

● PROCEDE ET SYSTEME DE MISE EN OEUVRE DE SERVICES SPECIFIQUES OPERATEUR AU PROFIT D'UN ABONNE DANS UN SYSTEME DE TELECOMMUNICATIONS MOBILE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).

(72) **GRANBERG, Christer**; Drejargatan 4, 5tr, S-113 42 Stockholm (SE).

(74) **ERICSSON RADIO SYSTEMS AB**; Common Patent Dept., S-164 80 Stockholm (SE).

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

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(31) 9709978.2 (32) **17 May/mai 1997 (17.05.1997)** (33) GB

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04Q 7/30**

(54) ● A COMMUNICATIONS APPARATUS AND A METHOD THEREFOR
● APPAREIL ET PROCEDE DE COMMUNICATION

(71) **MOTOROLA LIMITED** [GB/GB]; Jays Close, Viabes Industrial Estate, Basingstoke, Hampshire RG22 4PD (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROBINSON, William** [GB/GB]; 15 Wentworth Close, Weybourne, Farnham, Surrey GU9 9HH (GB).

(74) **IBBOTSON, Harold** et al. / etc.; Motorola, European Intellectual Property Operations, Midpoint, Alencon Link, Basingstoke, Hampshire RG21 7PL (GB).

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

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(11) **WO 98/53628** (13) A1

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(25) fr (26) fr

(31) 97/06428 (32) **20 May/mai 1997 (20.05.1997)** (33) FR

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04Q 7/32**

(54) ● REMOTE CLEARING OF ACCESS TO TELECOMMUNICATION SERVICE
● DEBLOCAGE A DISTANCE D'ACCES A UN SERVICE DE TELECOMMUNICATION

(71) **GEMPLUS S.C.A** [FR/FR]; Parc d'activités de Gémenos, Avenue du Pic de Bertagne, F-13881 Gémenos Cedex (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CARRARA, Jean-Louis** [FR/US]; 10120 Desert Willow, Dallas, TX 75243 (US).

(74) **NONNENMACHER, Bernard**; Gemplus S.C.A., Zone Industrielle Athelia III, Voie Antiope, F-13705 La Ciotat Cedex (FR).

(81) AU BR CA CN JP KR MX RU SG US VN; EP
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(11) **WO 98/53629** (13) A1

(21) PCT/US98/08474

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/859,194 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04Q 7/32, 7/38**

(54) ● SECURE MULTINUMBER SIM CARD AND METHOD
● SECURISATION DE CARTE SIM A PLUSIEURS NUMEROS

(71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **TAYLOE, Daniel, Richard**; 14240 S. 7th Street, Phoenix, AZ 85048 (US).

(74) **INGRASSIA, Vincent, B.** et al. / etc.; Motorola, Inc., Intellectual Property Dept., P.O. Box 10219 M, Scottsdale, AZ 85271-0219 (US).

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

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(11) **WO 98/53630** (13) A1

(21) PCT/SE98/00916

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(25) en (26) en

(31) 08/861,563 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04Q 7/34**

(54) ● SPEECH QUALITY MEASUREMENT IN MOBILE TELECOMMUNICATION NETWORKS BASED ON RADIO LINK PARAMETERS
● MESURE DE LA QUALITE PHONIQUE DANS LES RESEAUX DE TELECOMMUNICATIONS MOBILES SUR LA BASE DE PARAMETRES DE LIAISON RADIO

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).

(72) **MINDE, Tor, Björn**; Gäddviksvägen 19, S-954 31 Gammelstad (SE). **UVLIDEN, Anders, Tomas**; Stormvägen 247, S-976 34 Luleå (SE). **KARLSSON, Per, Anders**; Budvägen 34, S-976 32 Luleå (SE). **HEIKKILÄ, Per, Gunnar**; Gäddviksvägen 31, S-954 31 Gammelstad (SE).

(74) **ERICSSON RADIO SYSTEMS AB**; Common Patent Dept., S-164 80 Stockholm (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK 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 (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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) 9/131015 (32) **21 May/mai 1997 (21.05.1997)** (33) JP

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04Q 7/36**

(54) ● CELLULAR RADIO SYSTEM ALLOWING MOBILE STATION TO COMMUNICATE THROUGH BASE STATION CONNECTED VIA CDMA RADIO CHANNEL, AND BASE STATION DEVICE AND MOBILE STATION DEVICE USED IN THE SAME

● SYSTEME RADIOCELLULAIRE PERMETTANT AUX STATIONS MOBILES DE COMMUNIQUER PAR L'INTERMEDIAIRE DES STATIONS DE BASE CONNECTEES VIA UN CANAL RADIO CDMA, ET STATION DE BASE ET STATION MOBILE UTILISEES DANS CE SYSTEME

(71) **KABUSHIKI KAISHA TOSHIBA** [JP/JP]; 72, Hori Kawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa-ken 210-8572 (JP).

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

(72, 75) **MIMURA, Masahiko** [JP/JP]; B-204, Toshiba-Dai-1-Wakabaso, 1-16-25, Shimmei, Hino-shi, Tokyo 191-0016 (JP).

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

(81) CN KR US; EP (DE FR GB).

(11) **WO 98/53632** (13) A2

(21) PCT/SE98/00852

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 08/861,270 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04Q 7/36**

(54) ● PROVIDING A NEIGHBORHOOD ZONE WITHIN A MOBILE TELECOMMUNICATIONS NETWORK

● FOURNITURE D'UNE ZONE DE VOISINAGE DANS UN RESEAU DE TELECOMMUNICATIONS MOBILE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).

(72) **WÅRD, Torbjörn**; 101 Maumee Court, Cary, NC 27513 (US). **SANDELL, Anders**; 554 Westminster Avenue, Dollard-Des-Ormeaux, Quebec H9G 1E7 (CA). **DUFOUR, Daniel**; 62, 43e Avenue Est, Blainville, Quebec J7C 3M7 (CA).

(74) **ERICSSON RADIO SYSTEMS AB**; Common Patent Dept., S-164 80 Stockholm (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK 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 (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/53633** (13) A1

(21) PCT/US98/09835

(22) **13 May/mai 1998 (13.05.1998)**

(25) en (26) en

(31) 08/862,095 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04Q 7/36**

(54) ● A WIRELESS COMMUNICATIONS CELLULAR ARCHITECTURE FOR IMPROVING COMMUNICATIONS RESOURCE ALLOCATION

● ARCHITECTURE CELLULAIRE DE COMMUNICATIONS SANS FIL PERMETTANT D'AMELIORER LA REPARTITION DE RESOURCES DE COMMUNICATION

(71) **AT & T CORP.** [US/US]; 32 Avenue of the Americas, New York, NY 10013-2412 (US).

(72) **WANG, Li-Chun**; 36 Victoria Drive, Eatontown, NJ 07724 (US).

(74) **DWORETSKY, Samuel, H.** et al. / etc.; AT & T Corp., P.O. Box 4110, Middletown, NJ 07748 (US).

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

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(21) PCT/US98/07282

(22) **9 Apr/avr 1998 (09.04.1998)**

(25) en (26) en

(31) 08/861,673 (32) **22 May/mai 1997 (22.05.1997)** (33) US

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04Q 11/00**

(54) ● MULTIPLE MODE xDSL INTERFACE

● INTERFACE DE LIGNE D'USAGER NUMERIQUE EN MODE MULTIPLE (xDSL)

(71) **EFFICIENT NETWORKS, INC.** [US/US]; 4201 Spring Valley Road, Dallas, TX 75244-3666 (US).

(72) **FOSMARK, Klaus, S.**; 3264 Green Court, Plano, TX 75023 (US). **DIBBLE, Kevin, S.**; 4207 Phoenix Drive, Carrollton, TX 75010 (US). **PERRY, William, A., Jr.**; 2906 Country Place Circle, Carrollton, TX 75006 (US).

(74) **MILLS, Jerry, W.**; 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK 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 (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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/EP98/02121

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- (31) 197 20 719.7 (32) **16 May/mai 1997** (33) DE (16.05.1997)
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **H04Q 11/04**
- (54) ● DEVICE FOR MONITORING A CONNECTION SETUP
- DISPOSITIF DE CONTROLE DE L'ETABLISSEMENT D'UNE CONNEXION
- (71) **DEUTSCHE TELEKOM AG** [DE/DE]; Friedrich-Ebert-Allee 140, D-53113 Bonn (DE).
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- (72, 75) **STOLZ, Helmut** [DE/DE]; Am Gensberge 12, D-57080 Siegen (DE).
- (81) CA CN JP KR TR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/53636** (13) A1

(21) PCT/SE98/00934

(22) **19 May/mai 1998** (19.05.1998)

(25) en (26) en

(31) 08/862,919 (32) **23 May/mai 1997** (33) US (23.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04Q 11/04**

(54) ● SYSTEM AND METHOD FOR MAINTAINING A TABLE IN CONTENT ADDRESSABLE MEMORY USING HOLE ALGORITHMS

● SYSTEME ET PROCEDE DE TENUE A JOUR D'UNE TABLE DE MEMOIRE ASSOCIATIVE AU MOYEN D'ALGORITHMES A TROUS

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** (publ) [SE/SE]; S-126 25 Stockholm (SE).

(72) **NOVEN, Geir, Åge**; Finstadsletta 1, N-1475 Finstadjordet (NO).

(74) **ERICSSON TELECOM AB**; IPR Management & Patent Department, 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(21) PCT/US98/10339

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(31) 08/859,904 (32) **21 May/mai 1997** (33) US (21.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04Q 15/00**

(54) ● SYSTEM, METHOD AND APPARATUS FOR "CALLER ONLY" INITIATED TWO-WAY WIRELESS COMMUNICATION WITH CALLER GENERATED BILLING

● SYSTEME, PROCEDE ET APPAREIL POUR COMMUNICATION SANS FIL, BIDIRECTIONNELLE, DECLENCHEE UNIQUEMENT PAR L'APPELANT ET FACTUREE A L'APPELANT

(71) **E.S.P. COMMUNICATIONS, INC.** [US/US]; 10506 Shoemaker Avenue, Santa Fe Springs, CA 90670 (US).
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(72, 75) **SCALISI, Joseph, F.** [US/US]; 2550 Herlinda Lane, Rowland Heights, CA 91748 (US).

(74) **ZEMAN, Laura, J.**; Snell & Wilmer L.L.P., One Arizona Center, 400 East Van Buren, Phoenix, AZ 85004-0001 (US).

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

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(31) 9709969.1 (32) **17 May/mai 1997** (33) GB (17.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04R 1/00**

(54) ● AN ACOUSTIC OBJECT

● OBJET ACOUSTIQUE

(71) **NEW TRANSDUCERS LIMITED** [GB/GB]; Stonehill, Huntingdon, Cambridgeshire PE18 6ED (GB).
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(72, 75) **AZIMA, Henry** [CA/GB]; 3 Southacre Close, Chaucer Road, Cambridge CB2 2TT (GB). **COLLOMS, Martin** [GB/GB]; 22 Burgess Hill, London NW2 2DA (GB). **BANK, Graham** [GB/GB]; 1 Boartree Way, Huntingdon, Cambridgeshire PE18 6GL (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/53639** (13) A1

(21) PCT/FR98/00944

(22) **12 May/mai 1998** (12.05.1998)

(25) fr (26) fr

(31) 97/06045 (32) **16 May/mai 1997** (33) FR (16.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04R 3/00**

(54) ● ELECTRIC OR ELECTRONIC CIRCUIT ELEMENT FREE FROM MICRODISCHARGE

● ELEMENT DE CIRCUIT ELECTRIQUE OU ELECTRONIQUE EXEMPT DE PHENOMENE DE MICRO-DECHARGES

(71) **ELECTRICITE DE FRANCE SERVICE NATIONAL** [FR/FR]; 2, rue Louis Murat, F-75008 Paris (FR).
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(72, 75) **JOHANNET, Pierre** [FR/FR]; 5, rue Leredde, F-75013 Paris (FR).

(74) **FRECHEDE, Michel**; Cabinet Plasseraud, 84, rue d'Amsterdam, F-75440 Paris Cedex 09 (FR).

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

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(25) en (26) en

(31) 9/147039 (32) **22 May/mai 1997** (33) JP (22.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04R 9/06, 7/16**

(54) ● LOUDSPEAKER SUSPENSION DEVICE AND FABRICATING METHOD THEREOF

● DISPOSITIF DE SUSPENSION POUR HAUT-PARLEUR ET SON PROCEDE DE FABRICATION

(71) **KABUSHIKI KAISHA KENWOOD** [JP/JP]; 14-6, Dougenzaka 1-chome, Shibuya-ku, Tokyo 150-0043 (JP). **MOGAMI DENKI KABUSHIKI KAISHA** [JP/JP]; 954-1, Aza Shiono, Oaza Aramachi, Mamurogawamachi, Mogami-gun, Yamagata 999-5312 (JP).
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(72, 75) **SAKAMOTO, Yoshio** [JP/JP]; 108-6-503, Yokokawa-moto, Hachiouji-shi, Tokyo 193-0823 (JP).

(74) **OKABE, Masao et al.** / etc.; No. 602, Fuji Building, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) CN SG US.

(11) **WO 98/53641** (13) A1

(21) PCT/US98/10412

(22) **21 May/mai 1998** (21.05.1998)

(25) en (26) en

(31) 08/861,102 (32) **21 May/mai 1997** (33) US (21.05.1997)

(43) 26 Nov/nov 1998 (26.11.1998)

(51)⁶ **H04R 25/00**

(54) ● MULTI-CHANNEL SPEAKER SYSTEMS INTEGRATED INTO STORAGE-TELEVISION STAND CABINET CONFIGURATION

● SYSTEMES DE HAUT-PARLEURS MULTICANAUX INTEGRES DANS UNE CONFIGURATION DE MEUBLE DE RANGEMENT DU TYPE SUPPORT POUR TELEVISION

(71, 72) **OPLINGER, Terry, R.** [US/US]; 44199 Manitou Drive, Clinton Township, MI 48038 (US).

- (74) **BENEFIEL, John, R.**; Suite 100B, 280 Daines Street, Birmingham, MI 48009-6244 (US).
- (81) CA JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/53642** (13) A1
- (21) PCT/FR98/00971
- (22) **15 May/mai 1998 (15.05.1998)**
- (25) fr (26) fr
- (31) 97/06279 (32) **16 May/mai 1997 (16.05.1997)** (33) FR
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **H05B 6/24**
- (54) ● INDUCTION OVEN FOR MELTING METALS
● FOUR A INDUCTION POUR LA FUSION DE METAUX
- (71) **INTERNOVA INTERNATIONAL INNOVATION COMPANY B.V.** [NL/NL]; Blaak 555, NL-3011 GB Rotterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FRANCI, François-Marie** [FR/FR]; 45, avenue de l'Hôtel-de-Ville, F-77340 Pontault-Combault (FR).
- (74) **NITHARDT, Roland**; Cabinet Nithardt et Associés S.A., Boîte postale 1445, F-68071 Mulhouse 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 GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/53643** (13) A1
- (21) PCT/CA98/00503
- (22) **22 May/mai 1998 (22.05.1998)**
- (25) en (26) en
- (31) 08/862,219 (32) **23 May/mai 1997 (23.05.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **H05B 7/12**
- (54) ● ELECTRODE SEAL AND HOLDER THEREFOR
● GARNITURE D'ETANCHEITE POUR ELECTRODES ET SUPPORT ASSOCIE
- (63) US 08/862,219 (CON)
23 May/mai 1997 (23.05.1997)
- (71) **HATCH ASSOCIATES LTD.** [CA/CA]; 2800 Speakman Drive, Sheridan Science and Technology Park, Mississauga, Ontario L5K 2R7 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **McCAFFREY, Felim, P.** [CA/CA]; Apartment 212, 701 King Street West, Toronto, Ontario M5V 2W7 (CA).
- (74) **PARSONS, Richard, A., R.**; 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 GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/53644** (13) A1
- (21) PCT/IB98/00402
- (22) **19 Mar/mar 1998 (19.03.1998)**
- (25) en (26) en
- (31) 97201535.8 (32) **22 May/mai 1997 (22.05.1997)** (33) EP
- (34) NL et al. / etc.
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **H05B 33/02**
- (54) ● ORGANIC ELECTROLUMINESCENT DEVICE
● DISPOSITIF ELECTROLUMINESCENT ORGANIQUE
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (71) **PHILIPS AB** [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).
(only for / seulement pour SE)
- (72) **VLEGGAR, Jeroen, Johannes, Marinus**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **LIEDENBAUM, Coen, Theodorus, Hubertus, Franciscus**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **HOEBERECHTS, Arthur, Marie, Eugène**; 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).

- (11) **WO 98/53645** (13) A1
- (21) PCT/US98/06119
- (22) **27 Mar/mar 1998 (27.03.1998)**
- (25) en (26) en
- (31) 9/128626 (32) **19 May/mai 1997 (19.05.1997)** (33) JP
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **H05B 33/14, 33/10, 33/20, 33/22**
- (54) ● ELECTROLUMINESCENT DEVICE AND METHOD FOR PRODUCING THE SAME
● DISPOSITIF ELECTROLUMINESCENT ET PROCEDURE DE PRODUCTION
- (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) **ABE, Hidetoshi** [JP/JP]; 1 chome 11-32, Ekinishi, Tendo-City, Yamagata 994-0047 (JP). **ARAKI, Yoshinori** [JP/JP]; 3-9-19, Motomachi, Sagae-City, Yamagata 991-0053 (JP).
- (74) **HORNICKEL, John, H.** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/53646** (13) A1
- (21) PCT/US98/10531
- (22) **22 May/mai 1998 (22.05.1998)**
- (25) en (26) en
- (31) 60/047,445 (32) **22 May/mai 1997 (22.05.1997)** (33) US
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **H05B 37/02**
- (54) ● AN ILLUMINATION DEVICE USING PULSE WIDTH MODULATION OF A LED
● DISPOSITIF D'ECLAIRAGE UTILISANT LA MODULATION D'IMPULSIONS EN LARGUEUR D'UNE DIODE DEL
- (71, 72) **SCHMIDT, Gregory, W.** [US/US]; 2724 El Camino del Norte, Olivenhain, CA 92024 (US).
- (74) **LAND, John**; Fish & Richardson P.C., Suite 1400, 4225 Executive Square, La Jolla, CA 92037 (US).
- (81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (11) **WO 98/53647** (13) A1
- (21) PCT/DE98/01272
- (22) **8 May/mai 1998 (08.05.1998)**
- (25) de (26) de
- (31) 197 21 149.6 (32) **21 May/mai 1997 (21.05.1997)** (33) DE
- (31) 198 03 139.4 (32) **28 Jan/jan 1998 (28.01.1998)** (33) DE
- (43) 26 Nov/nov 1998 (26.11.1998)
- (51)⁶ **H05B 41/04**
- (54) ● IGNITION DEVICE FOR A DISCHARGE LAMP AND METHOD FOR IGNITING A DISCHARGE LAMP
● DISPOSITIF D'ALLUMAGE POUR UNE LAMPE A DECHARGE ET PROCEDURE POUR ALLUMER UNE LAMPE A DECHARGE
- (71) **PATENT-TREUHAND-GESELLSCHAFT FÜR ELEKTRISCHE GLÜHLAMPEN MBH** [DE/DE]; Hellabrunner Strasse 1, D-81543 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HIRSCHMANN, Günther** [AT/DE]; Etwiesenstrasse 34, D-81735 München (DE). **BECKER, Jürgen** [DE/DE]; Ketziner Weg 3, D-13589 Berlin (DE). **BEHR, Gerhard** [DE/DE]; Bergstrasse 27, D-89174 Altheim (DE). **WITTIG, Christian** [DE/DE]; Otterstrasse 7, D-81547 München (DE). **HELBIG, Peter** [DE/DE]; Römerstrasse 20, D-89567 Sontheim (DE).
- (74) **PATENT-TREUHAND-GESELLSCHAFT FÜR ELEKTRISCHE GLÜHLAMPEN MBH**; Postfach 22 16 34, D-80506 München (DE).
- (81) CA CN HU JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/53648** (13) A1
 (21) PCT/EP98/03016
 (22) **18 May/mai 1998 (18.05.1998)**
 (25) en (26) en
 (31) MI97A001185 (32) **21 May/mai 1997 (21.05.1997)** (33) IT
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **H05B 41/10**
 (54) ● CENTRALIZED POWER REDUCING DEVICE, PARTICULARLY FOR LIGHTING INSTALLATIONS
 ● DISPOSITIF DE REDUCTION DE COURANT CENTRALISE, EN PARTICULIER, POUR DES SYSTEMES D'ECLAIRAGE
 (71, 72) **REVERBERI, Giorgio** [IT/IT]; Via Pavoni, 5, I-42035 Castelnovo Ne' Monti (IT).

- (74) **RICCARDI, Sergio**; Riccardi & Co., Via M. Melloni, 32, I-20129 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/53649** (13) A2
 (21) PCT/IB98/00760
 (22) **18 May/mai 1998 (18.05.1998)**
 (25) en (26) en
 (31) 60/046,955 (32) **19 May/mai 1997 (19.05.1997)** (33) US
 (31) 08/966,724 (32) **10 Nov/nov 1997 (10.11.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **H05B 41/36**
 (54) ● BALLAST
 ● BALLAST
 (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
 (71) **PHILIPS AB** [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).
(only for / seulement pour SE)
 (72) **GRADZKI, Pawel, M.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **WACYK, Ihor, T.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
 (74) **EVERS, Johannes, H., M.**; Internationaal Octrooi-bureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).
 (81) CA CN JP KR MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/53650** (13) A1
 (21) PCT/US98/10241
 (22) **19 May/mai 1998 (19.05.1998)**
 (25) en (26) en
 (31) 08/859,491 (32) **20 May/mai 1997 (20.05.1997)** (33) US

- (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **H05G 1/64**
 (54) ● DIGITAL SCAN MAMMOGRAPHY APPARATUS UTILIZING VELOCITY ADAPTIVE FEEDBACK AND METHOD
 ● APPAREIL DE MAMMOGRAPHIE A BALAYAGE NUMERIQUE FAISANT APPEL A UNE RETROACTION S'ADAPTANT A LA VITESSE ET PROCEDE S'Y RAPPORTANT
 (71) **FISCHER IMAGING CORPORATION** [US/US]; 12300 North Grant Street, Denver, CO 80241 (US).
 (72) **JEFFERY, Gregory, R.**; 300 Colard Lane, Lyons, CO 80540 (US).
 (74) **MARSH, Thomas, R.** et al. / etc.; Holme Roberts & Owen LLP, Suite 4100, 1700 Lincoln Street, Denver, CO 80203-4541 (US).

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

- (11) **WO 98/53651** (13) A1
 (21) PCT/US98/10525
 (22) **22 May/mai 1998 (22.05.1998)**
 (25) en (26) en
 (31) 60/047,531 (32) **23 May/mai 1997 (23.05.1997)** (33) US
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **H05K 1/11, 1/14, 1/18**
 (54) ● A SYSTEM AND METHOD FOR PACKAGING INTEGRATED CIRCUITS
 ● SYSTEME ET PROCEDE D'ENCAPSULATION DE CIRCUITS INTEGRES
 (63) US 60/047,531 (CIP)
 23 May/mai 1997 (23.05.1997)

- (71) **ALPINE MICROSYSTEMS, INC.** [US/US]; 200 East Hacienda Avenue, Campbell, CA 95008 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **BROWN, Sammy, K.** [US/US]; 111 Loma Vista Court, Los Gatos, CA 95032-2419 (US). **AVERY, George, E.** [US/US]; 20151 Seagull Way, Saratoga, CA 95070 (US). **WIGGIN, Andrew, K.** [US/US]; 2063 Birch Avenue, San Carlos, CA 94070 (US). **TODD, Tom, L.** [US/US]; 1500 Camino Monde, San Jose, CA 95125 (US). **BEAL, Samuel, W.** [US/US]; 181 Ortega Avenue, Mountain View, CA 94040 (US).
 (74) **BROOKS, Kenneth, C.** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/53652** (13) A1
 (21) PCT/FR98/01009
 (22) **20 May/mai 1998 (20.05.1998)**
 (25) fr (26) fr
 (31) 97/06311 (32) **23 May/mai 1997 (23.05.1997)** (33) FR
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **H05K 1/18, 5/00, H01R 23/68**
 (54) ● ELECTRONIC PLATE FOLDED AT 45°
 ● PLAQUE ELECTRONIQUE PLIEE A 45°
 (71) **MAGNETI MARELLI FRANCE** [FR/FR]; 19, rue Lavoisier, F-92000 Nanterre (FR).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **DUFOUR, Jacques** [FR/FR]; La Fouinière, F-86100 Saint-Sauveur (FR).
 (74) **BEROGIN, Francis** et al. / etc.; Cabinet Plasseraud, 84, rue d'Amsterdam, F-75440 Paris Cedex 09 (FR).
 (81) BR CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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 (21) PCT/EP98/02560
 (22) **30 Apr/avr 1998 (30.04.1998)**
 (25) en (26) en
 (31) MI97U000355 (32) **20 May/mai 1997 (20.05.1997)** (33) IT
 (43) 26 Nov/nov 1998 (26.11.1998)
 (51)⁶ **H05K 7/00**
 (54) ● MOUNTING BRACKET PARTICULARLY FOR ELECTRICAL DEVICES
 ● SUPPORT DE FIXATION PARTICULIEREMENT CONÇU POUR DES DISPOSITIFS ELECTRIQUES
 (71) **GEWISS S.P.A.** [IT/IT]; Via A. Volta, 1, I-24069 Cenate Sotto (IT).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **BOSATELLI, Domenico** [IT/IT]; Via degli Alpini, 13, I-24069 Cenate Sotto (IT). **CONTARDI, Augusto** [IT/IT]; Via Rovani, 7, I-21100 Varese (IT). **PIANEZZOLA, Sergio** [IT/IT]; Via della Fratellanza, 21, I-21100 Calcinatè del Pesce (IT).
 (74) **FORATTINI, Amelia**; Internazionale Brevetti Ingeg. Zini, Maranesi & C. S.R.L., Piazza Castello, 1, 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- (11) **WO 98/53654** (13) A1
 (21) PCT/US98/10195
 (22) **19 May/mai 1998 (19.05.1998)**
 (25) en (26) en
 (31) 60/047,853 (32) **22 May/mai 1997 (22.05.1997)** (33) US

- (31) 09/062,535 (32) **17 Apr/avr 1998 (17.04.1998)** (33) US (11) **WO 98/53655** (13) A1 (43) 26 Nov/nov 1998 (26.11.1998)
- (31) 09/063,127 (32) **20 Apr/avr 1998 (20.04.1998)** (33) US (21) PCT/JP98/02132 (51)⁶ **H05K 9/00**
- (43) 26 Nov/nov 1998 (26.11.1998) (22) **14 May/mai 1998 (14.05.1998)** (54) ● IMPROVED INTERFERENCE SUPPRESSING CABLE BOOT ASSEMBLY
- (51)⁶ **H05K 7/14** (25) ja (26) ja ● ENSEMBLE GAINÉ DE CÂBLE AMÉLIORÉ SUPPRIMANT LES INTERFÉRENCES
- (54) ● BOARD-MOUNTABLE MODULE GUIDE (31) 9/130801 (32) **21 May/mai 1997 (21.05.1997)** (33) JP (71, 72) **SCRIMPSHIRE, James, Michael** [US/US]; 3229 Rosemary Avenue, Jackson, MS 39212 (US). **SULLIVAN, Rudolph, D., Jr.** [US/US]; 475 Pine Lane, Brandon, MS 39042 (US).
- GUIDE POUR MODULE POUVANT ÊTRE MONTE SUR UNE PLAQUE (43) 26 Nov/nov 1998 (26.11.1998) (74) **SMITH, Gregory, C.**; Pravel, Hewitt, Kimball & Krieger, 10th floor, 1177 West Loop South, Houston, TX 77027 (US).
- (71) **THE WHITAKER CORPORATION** [US/US]; Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US). (51)⁶ **H05K 9/00**
- (72) **SCHOLZ, James, P.**; 40 Argali Lane, Mechanicsburg, PA 17055 (US). **MOSSER, Benjamin, H., III**; 1827 Blacklatch Lane, Middletown, PA 17057 (US). **ULERY, Kirk, D.**; 1062 Pennsylvania Avenue, Harrisburg, PA 17111 (US). **DAVIS, Wayne, S.**; 4108 North Sixth Street, Harrisburg, PA 17110 (US). (54) ● SHIELDED CASE
- (74) **NESS, Anton, P.** et al. / etc.; The Whitaker Corporation, Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US). ● **BOITIER BLINDE**
- (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 CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG). (71) **ADVANTEST CORPORATION** [JP/JP]; 32-1, Asahi-cho 1-chome, Nerima-ku, Tokyo 179-0071 (JP). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FUKAI, Akihiko** [JP/JP]; Advantest Corporation, 16-1, Fujimi-cho 1-chome, Gyoda-shi, Saitama 361-0021 (JP). (81) DE US.
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- (11) **WO 98/53656** (13) A1 (21) PCT/US97/08302 (22) **19 May/mai 1997 (19.05.1997)** (25) en (26) en