

SECTION I

PUBLISHED INTERNATIONAL APPLICATIONS

DEMANDES INTERNATIONALES PUBLIÉES

- (11) **WO 98/51139** (13) A2
(21) PCT/CA98/00461
(22) **11 May/mai 1998 (11.05.1998)**
(25) en (26) en
(31) 2,204,926 (32) **9 May/mai 1997 (09.05.1997)** (33) CA
(43) 19 Nov/nov 1998 (19.11.1998)
- (51) **Not classified / non classée**
(54) ● METHOD FOR REDUCING MOISTURE CONTENT
● PROCEDE DE REDUCTION DE LA TENEUR EN HUMIDITE
(71) **SOLUTIONS MABAREX INC.** [CA/CA]; 2021 rue Halpern, Saint-Laurent, Québec H4S 1S3 (CA).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **BARRÉ, Louis** [CA/CA]; 1000 Crawford Bridge, Verdun, Québec H4H 2N2 (CA). **BILODEAU, Marcel** [CA/CA]; 300 Mi-Vallon, Moisie, Québec G0G 2B0 (CA).
(74) **MITCHELL, Robert** 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 98/51140** (13) A2
(21) PCT/US98/10145
(22) **18 May/mai 1998 (18.05.1998)**
(25) en (26) en
(31) 08/858,079 (32) **16 May/mai 1997 (16.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A01B**
(54) ● FLEX HEAD TURF CUTTING UNIT
● UNITE DE COUPE DE GAZON A TETE FLEXIBLE
(71, 72) **DAVIES, Douglas, N.** [US/US]; 1410 Cardinal Lane, Lantana, FL 33462 (US).
(74) **STEELE, J., Rodman, Jr.** et al. / etc.; Quarles & Brady, 4th floor, 222 Lakeview Avenue, P.O. Box 3188, West Palm Beach, FL 33402-3188 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/51142** (13) A1
(21) PCT/IL98/00220
(22) **14 May/mai 1998 (14.05.1998)**
(25) en (26) en
(31) 120835 (32) **15 May/mai 1997 (15.05.1997)** (33) IL
(43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A01H 1/04**
(54) ● METHODS FOR PRODUCTION OF HYBRID WHEAT
● PROCEDES DE PRODUCTION DE BLE HYBRIDE
(71) **MASCHIO, Antonio** [IT/IT]; Via Marcello, 71, I-35011 Campodarsego (IT).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **BARATO, Paolo** [IT/IT]; Via Zante, 10, Isola di Torre, I-35100 Padova (IT).
(74) **BENETTIN, Maurizio**; Via Sorio, 116, I-35141 Padova (IT).
(81) AU CA CZ HU JP MX NO NZ RO SI SK TR 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 98/51144** (13) A1
(21) PCT/SE98/00837
(22) **6 May/mai 1998 (06.05.1998)**
(25) sv (26) en
(31) 9701735-4 (32) **9 May/mai 1997 (09.05.1997)** (33) SE
- (71) **YEDA RESEARCH AND DEVELOPMENT CO. LTD.** [IL/IL]; Weizmann Institute of Science, P.O. Box 95, 76100 Rehovot (IL).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **FELDMAN, Moshe** [IL/IL]; Hateena Street 48, 99797 Karmeit Yosef (IL). **MILLET, Eitan** [IL/IL]; Beit Elazari 170, 76803 Rehovot Post (IL).
(74) **BEN-AMI, Paulina**; Yeda Research and Development Co. Ltd., Weizmann Institute of Science, P.O. Box 95, 76100 Rehovot (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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- Published / Publiée : (c), (m)
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- (11) **WO 98/51143** (13) A1
(21) PCT/GB98/01378
(22) **14 May/mai 1998 (14.05.1998)**
(25) en (26) en
(31) 9709740.6 (32) **14 May/mai 1997 (14.05.1997)** (33) GB
(43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A01J 5/017, A01K 11/00**
(54) ● VOLUNTARY MILKING
● SYSTEME DE TRAITE AUTOMATIQUE
(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) **STIRLING, Hugh, Gerald** [GB/GB]; 67D Shooters Hill Road, Blackheath, London SE3 7HU (GB). **BISCOE, Paul, Victor** [GB/GB]; Tamworth Cottage, Silbury Court, Silsoe, Bedford MK45 4RU (GB).
(74) **NEVILLE, Peter, Warwick**; BTG International Limited, Patents Dept., 10 Fleet Place, London EC4M 7SB (GB).
(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 98/51144** (13) A1
(21) PCT/SE98/00837
(22) **6 May/mai 1998 (06.05.1998)**
(25) sv (26) en
(31) 9701735-4 (32) **9 May/mai 1997 (09.05.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A01J 7/00 // 5/017**

(54) ● A MILKING EQUIPMENT AND A RELIEF DEVICE
● EQUIPEMENT DE TRAITE ET DISPOSITIF DE TRANSFERT

(71) **ALFA LAVAL AGRI AB** [SE/SE]; Farm Center, P.O. Box 39, S-147 21 Tumba (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANDERSSON, Gösta** [SE/SE]; Byvägen 76, S-151 52 Södertälje (SE).

(74) **BJERKÉNS PATENTBYRÅ KB**; Östermalmsgatan 58, S-114 50 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 98/51145** (13) A1

(21) PCT/NZ98/00059

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

(25) en (26) en

(31) 314788 (32) **12 May/mai 1997 (12.05.1997)** (33) NZ

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A01K 9/00, 5/00, 7/00**

(54) ● AN ANIMAL FEEDING DEVICE
● DISPOSITIF SERVANT A NOURRIR LES ANIMAUX

(71, 72) **MCINTYRE, Robert, Dymock** [NZ/NZ]; McIntyre's Lane, R.D. 5, Hunterville 5455 (NZ).

(72, 75) **WHITFIELD, Robin** [NZ/NZ]; Hendersons Line, R.D. 10, Palmerston North 5321 (NZ).

(74) **HOPKINS, Donald, Leslie**; Don Hopkins & Associates, Unit 2, Northcote Office Park, 145 Queen Street, Palmerston North 5301 (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 98/51146** (13) A2

(21) PCT/EP98/02841

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

(25) en (26) en

(31) 9709907.1 (32) **15 May/mai 1997 (15.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A01N**

(54) ● FUNGICIDAL COMBINATIONS COMPRISING A 4-PHENOXYQUINOLINE

● COMBINAISONS FONGICIDES COMPRENANT UN 4-PHENOXYQUINOLINE

(71) **NOVARTIS AG** [CH/CH]; Schwarzwaldallee 215, CH-4058 Basel (CH).
(for all designated States except / pour tous les États désignés sauf AT US)

(71) **NOVARTIS-ERFINDUNGEN VERWALTUNGSGESELLSCHAFT M.B.H** [AT/AT]; Brunner Strasse 59, A-1235 Vienna (AT).
(only for / seulement pour AT)

(72, 75) **KNAUF-BEITER, Gertrude** [DE/DE]; Fritz-Fischerstrasse 12, D-79379 Müllheim (DE).
SPEICH, Jürg [CH/CH]; Unterer Rheinweg 46, CH-4057 Basel (CH).

(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 98/51147** (13) A1

(21) PCT/US98/10132

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

(25) en (26) en

(31) 08/857,474 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A01N 1/02, A61M 37/00**

(54) ● PROLONGED COLD STORAGE OF RED BLOOD CELLS BY OXYGEN REMOVAL AND ADDITIVE USAGE
● STOCKAGE PROLONGE A FROID DE GLOBULES ROUGES PAR ELIMINATION D'OXYGENE ET UTILISATION D'ADDITIF

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; Business and Patent Law, Mail Stop D412, Los Alamos, NM 87545 (US).

(71, 72) **BITENSKY, Mark, W.** [US/US]; 113 Bay State Road, Boston, MA 02215 (US).
YOSHIDA, Tatsuro [JP/JP]; 1736 Commonwealth Avenue, Newton, MA 02165 (US).

(74) **FREUND, Samuel, M.**; Los Alamos National Laboratory, Mail Stop D412, Los Alamos, NM 87545 (US).

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

(11) **WO 98/51148** (13) A1

(21) PCT/US98/09731

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

(25) en (26) en

(31) 06/046,775 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A01N 31/02, 25/30**

(54) ● CHEMICAL PINCHING METHOD AND COMPOSITION
● PROCEDE ET COMPOSITION DE PINCEMENT CHIMIQUE

(71) **UNIROYAL CHEMICAL COMPANY, INC.** [US/US]; World Headquarters, Middlebury, CT 06749 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILEY, Robert, P.** [GB/GB]; 20 Ongrils Close, Pershore, Worcestershire WR10 1QE (GB).
MCKELVIE, Maria, J. [GB/GB]; 33 St. Paul's Close, Four Pools, Evesham, Worcestershire WR11 6EY (GB).
FOLCHL, Bruno [IT/IT]; Via Polusca, 25, I-04100 Latina (IT).

(74) **THOMPSON, Raymond, D.**; Uniroyal Chemical Company, Inc., World Headquarters, Middlebury, CT 06749 (US).

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

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(11) **WO 98/51149** (13) A1

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

(25) en (26) en

(31) 08/856,874 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A01N 33/18**

(54) ● STABILIZED SOLUTIONS OF BROMONITROMETHANE AND THEIR USE AS BIOCIDES

● SOLUTIONS STABILISEES DE BROMONITROMETHANE ET LEURS UTILISATIONS COMME BIOCIDES

(71) **GREAT LAKES CHEMICAL CORPORATION** [US/US]; Highway 52 N.W., P.O. Box 2200, West Lafayette, IN 47996-2200 (US).

(72) **DALLMIER, Anthony, W.**; 1683 Kautz Road, Aurora, IL 60504 (US).
TERMINE, Enrico, J.; 715 High Plains Avenue, Baton Rouge, LA 70810 (US).
YEOMAN, Alan, M.; 3230 Oak Hampton Way, Duluth, GA 30136 (US).

(74) **THOMAS, Timothy, N.** et al. / etc.; Woodard, Emhardt, Naughton, Moriarty & McNett, Bank One Center/Tower, Suite 3700, 111 Monument Circle, Indianapolis, IN 46204 (US).

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

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(11) **WO 98/51150** (13) A1

(21) PCT/GB98/01258

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

(25) en (26) en

(31) 9709853.7 (32) **15 May/mai 1997 (15.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A01N 35/02, 25/00 // (A01N 35/02, 37:44, 35:06)**

- (54) ● MOLLUSCICIDES
● MOLLUSCICIDES

(71) **DE SANGOSSE UK S.A.** [FR/GB]; Market Weighton, P.O. Box 135, York YO4 3YY (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOWEN, Ivor** [GB/GB]; 23 Maes Cadwgan, Creigiau, Cardiff CF4 8TQ (GB).

(74) **BROWNE, Robin, Forsythe;** 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).

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(21) PCT/JP98/02138

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

(25) ja (26) ja

(31) 9/125798 (32) **15 May/mai 1997 (15.05.1997)** (33) JP(31) 9/125799 (32) **15 May/mai 1997 (15.05.1997)** (33) JP(31) 9/134937 (32) **26 May/mai 1997 (26.05.1997)** (33) JP(31) 9/134938 (32) **26 May/mai 1997 (26.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A01N 43/40, 55/02 // C07D 213/89**

- (54) ● AQUEOUS ANTIMICROBIAL DISPERSION
● DISPERSION AQUEUSE ANTIMICROBIENNE

(71) **YOSHITOMI FINE CHEMICALS, LTD.** [JP/JP]; 6-9, Hiranomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0046 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMAMOTO, Masataka** [JP/JP]; Yoshitomi Fine Chemicals, Ltd., Research Laboratory, 955, Oaza-Koiwai, Yoshitomimachi, Chikujo-gun, Fukuoka 871-8550 (JP). **YOSHIMARU, Masaaki** [JP/JP]; Yoshitomi Fine Chemicals, Ltd., Research Laboratory, 955, Oaza-Koiwai, Yoshitomimachi, Chikujo-gun, Fukuoka 871-8550 (JP). **IKE, Tetsuji** [JP/JP]; Yoshitomi Fine Chemicals, Ltd., Manufacturing Division, 955, Oaza-Koiwai, Yoshitomimachi, Chikujo-gun, Fukuoka 871-8550 (JP).

(74) **TAKASHIMA, Hajime;** Yuki Building, 3-9, Hiranomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0046 (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 98/51152** (13) A1

(21) PCT/JP98/02123

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

(25) ja (26) ja

(31) 9/125294 (32) **15 May/mai 1997 (15.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A01N 43/54, C07D 239/47**

- (54) ● INSECTICIDAL/ACARICIDAL AGENTS
● INSECTICIDES/ACARICIDES

(71) **SAGAMI CHEMICAL RESEARCH CENTER** [JP/JP]; 4-1, Nishi-Ohnuma 4-chome, Sagami-hara-shi, Kanagawa 229-0012 (JP). **MITSUBISHI CHEMICAL CORPORATION** [JP/JP]; 5-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HIRAI, Kenji** [JP/JP]; 1-15-1, Sagami-dai, Sagami-hara-shi, Kanagawa 228-0821 (JP). **YOSHIZAWA, Takeshi** [JP/JP]; 4-4-1, Nishi-Ohnuma, Sagami-hara-shi, Kanagawa 229-0012 (JP). **ITO, Sachiko** [JP/JP]; 2-21-8, Nakamachi, Machida-shi, Tokyo 194-0021 (JP). **OKANO, Natsuko** [JP/JP]; 2-19-15, Chuou-inkan, Yamato-shi, Kanagawa 242-0007 (JP). **NAGATA, Yuriko** [JP/JP]; 1-14-14, Shibokuhoncho, Miyama-ku, Kawasaki-shi, Kanagawa 216-0031 (JP). **OTA, Chikako** [JP/JP]; Mitsubishi Chemical Corporation, Yokohama Research Center, 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-8502 (JP). **FUKUCHI, Toshiki** [JP/JP]; Mitsubishi Chemical Corporation, Yokohama Research Center, 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-8502 (JP). **YOSHIIYA, Keiko** [JP/JP]; Mitsubishi Chemical Corporation, Yokohama Research Center, 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-8502 (JP).

(81) AU BR CA CN IL JP KR MX NZ 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 98/51153** (13) A1

(21) PCT/EP98/03159

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

(25) en (26) en

(31) 9709831.3 (32) **15 May/mai 1997 (15.05.1997)** (33) GB(31) 9709829.7 (32) **15 May/mai 1997 (15.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A01N 43/80, 41/10, 37/34, C07D 261/18, 261/10, C07C 317/46, 317/22, 315/04**

- (54) ● HERBICIDAL METHODS AND DERIVATIVES
● PROCEDES ET DERIVES HERBICIDES

(71) **RHONE-POULENC AGRICULTURE LTD.** [GB/GB]; Fyfield Road, Ongar, Essex CM5 0HW (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CRAMP, Susan, Mary** [GB/GB]; Rhone-Poulenc Agriculture Ltd., Fyfield Road, Ongar, Essex CM5 0HW (GB). **OUTCALT, Russell, J.** [US/US]; 107 Coatbridge Circle, Cary, NC 27511 (US). **SLATER, Ashley** [GB/GB]; Rhone-Poulenc Agriculture Ltd., Fyfield Road, Ongar, Essex CM5 0HW (GB).

(74) **BRACHOTTE, Charles, Yves;** Rhône-Poulenc Agro - DPL, Boite postale 9163, F-69263 Lyon 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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(22) **4 May/mai 1998 (04.05.1998)**

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(31) 197 30 342.6 (32) **15 May/mai 1997 (15.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A01N 47/36, 47/30, 43/707, C09D 5/14, 5/16**

- (54) ● ALGICIDES
● ALGICIDES

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

(72, 75) **HEUER, Lutz** [DE/DE]; Am Krausberg 31, D-41542 Dormagen (DE). **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). **PAULUS, Wilfried** [DE/DE]; Deswatinestrasse 90, D-47800 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).

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(21) PCT/JP97/01559

(22) **9 May/mai 1997 (09.05.1997)**

(25) ja (26) ja

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A01N 63/02 // (A01N 63/02, 37:44)**

- (54) ● METHOD OF PREVENTING PLANT DISEASES AND COMPOSITION THEREFOR
● PROCEDE POUR PREVENIR LES MALADIES DES VEGETAUX ET COMPOSITION A CET EFFET

(71, 72) **KAWAI, Hiroshi** [JP/JP]; 25-3-305, Nakata-higashi 2-chome, Izumi-ku, Yokohama-shi, Kanagawa 245 (JP).

(74) **AKIMOTO, Teruo;** 1-1, Minami-aoyama 1-chome, Minato-ku, Tokyo 107 (JP).

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

- (11) **WO 98/51156** (13) A1
 (21) PCT/AT98/00121
 (22) **11 May/mai 1998 (11.05.1998)**
 (25) de (26) de
 (31) A 789/97 (32) **9 May/mai 1997 (09.05.1997)** (33) AT
 (43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A21B 5/02**

- (54) ● BAKERS' OVEN FOR PRODUCING THIN-WALLED SHAPED PRODUCTS WITH BAKING FORMS EACH CONSISTING OF TWO FORM HALVES WHICH OPEN AND CLOSE
 ● FOUR POUR LA PRODUCTION DE CORPES MOULES A PAROI MINCE AVEC DES MOULES DE CUISSON OUVRANTS ET FERMANTS CONSTITUES DE DEUX DEMI-MOULES

(71) **FRANZ HAAS WAFFELMASCHINEN – INDUSTRIE AKTIENGESELLSCHAFT** [AT/AT]; Pragerstrasse 124, A–1210 Wien (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAAS, Franz, sen.** [AT/AT]; Gerstlgasse 25, A–1210 Wien (AT). **HAAS, Johann** [AT/AT]; Seitweg 5, A–3400 Klosterneuburg (AT). **SACHSENHOFER, Johann** [AT/AT]; Arnikaweg 124/30, A–1220 Wien (AT).

(74) **BERGER, Erhard**; Siebensterngasse 39, 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).

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- (11) **WO 98/51157** (13) A1
 (21) PCT/AT98/00122
 (22) **11 May/mai 1998 (11.05.1998)**
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 (31) A 789/97 (32) **9 May/mai 1997 (09.05.1997)** (33) AT
 (43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A21B 5/02**

- (54) ● BAKING OVEN FOR PRODUCING THIN-WALLED SHAPED PRODUCTS WITH BAKING MOULDS EACH CONSISTING OF TWO HALF MOULDS WHICH OPEN AND CLOSE
 ● FOUR POUR LA PRODUCTION DE CORPES MOULES A PAROI MINCE AVEC DES MOULES DE CUISSON OUVRANTS ET FERMANTS CONSTITUES DE DEUX DEMI-MOULES

(71) **FRANZ HAAS WAFFELMASCHINEN-INDUSTRIE AKTIENGESELLSCHAFT** [AT/AT]; Pragerstrasse 124, A–1210 Wien (AT).
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(72, 75) **HAAS, Franz, sen** [AT/AT]; Gerstlgasse 25, A–1210 Wien (AT). **HAAS, Johann** [AT/AT]; Seitweg 5, A–3400 Klosterneuburg (AT). **SACHSENHOFER, Johann** [AT/AT]; Arnikaweg 124/30, A–1220 Wien (AT).

(74) **BERGER, Erhard**; Siebensterngasse 39, 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).

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- (11) **WO 98/51158** (13) A1
 (21) PCT/US98/09620
 (22) **12 May/mai 1998 (12.05.1998)**
 (25) en (26) en
 (31) 08/857,770 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A21D 2/00**

- (54) ● MILLED CEREAL BY-PRODUCT WHICH IS AN ADDITIVE FOR FLOUR AND DOUGH
 ● SOUS-PRODUIT CEREALIER BROYE CONSTITUANT UN ADDITIF POUR LA FARINE ET LA PATE

(71) **CARGILL, INCORPORATED** [US/US]; P.O. Box 9300, Minneapolis, MN 55440–5624 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DELRUE, Rita, M.** [BE/US]; Unit 201, 11460 Fairfield Road, Minnetonka, MN 55305 (US). **BURIANEK, Mark, D.** [US/US]; 3955 Brockton Manor N., Greenwood, IN 46143 (US). **XENIDES, Carol, J.** [US/US]; 7348 #E, St. Croix Lane, Indianapolis, IN 46214 (US). **SHEEHAN, Steven, T.** [US/US]; 7690 Colonial Court, Fishers, IN 46038 (US). **VALLE, Sergio** [US/US]; 7738 Island Club Drive #K, Indianapolis, IN 46214 (US).

(74) **SAMPLES, Kenneth, H.** et al. / etc.; Fitch, Even, Tabin & Flannery, Room 900, 135 South LaSalle, Chicago, IL 60603 (US).

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

(11) **WO 98/51159** (13) A2

- (21) PCT/US98/09155
 (22) **8 May/mai 1998 (08.05.1998)**
 (25) en (26) en
 (31) 08/856,985 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A21D 10/02, 6/00**

- (54) ● LOW PRESSURE REFRIGERATED DOUGH PRODUCT
 ● PRODUIT DE PATE REFRIGEREE A BASSE PRESSION

(71) **THE PILLSBURY COMPANY** [US/US]; Pillsbury Center, 200 South Sixth Street, Minneapolis, MN 55402 (US).

(72) **HANKERSON, Stephanie, C., K.**; 1725 Englewood Avenue, St. Paul, MN 55104 (US). **ATWELL, William, A.**; 3700 153rd Lane, Andover, MN 55304 (US).

(74) **RAHMAN, Aleya** et al. / etc.; The Pillsbury Company, 200 South Sixth Street, Mail Station 37J1, 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 98/51160** (13) A1

(21) PCT/SE98/00885

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

(25) en (26) en

(31) 9701828–7 (32) **16 May/mai 1997 (16.05.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A22C 13/00, C09B 67/42**

- (54) ● PIGMENT/DYESTUFF COMPOSITION
 ● COMPOSITION DE PIGMENTS/COLORANTS

(71) **AB TRIPASIN** [SE/SE]; P.O. Box 16026, S–200 25 Malmö (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RYDENFORS, Göran** [SE/SE]; Slussgatan 12 H, S–211 30 Malmö (SE).

(74) **AWAPATENT AB**; P.O. Box 5117, S–200 71 Malmö (SE).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ 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 98/51161** (13) A1

(21) PCT/IS98/00003

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

(25) en (26) en

(31) 4482 (32) **16 May/mai 1997 (16.05.1997)** (33) IS

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A22C 25/08, A23B 4/06**

- (54) ● USE OF PLATE FOR TRANSPORTING OF FISH FILLET THROUGH PROCESSING
 ● PLAQUE ASSURANT LE TRANSPORT DE FILETS DE POISSON DURANT LEUR PROCESSUS DE TRAITEMENT

(71, 72) **JÓHANNSSON, Björn** [IS/IS]; Brekkuseli 23, IS–109 Reykjavík (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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/51162** (13) A1

(21) PCT/US98/09184

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

(25) en (26) en

(31) 08/854,344 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A23G 3/10, D01D 5/18**

(54) ● APPARATUS FOR MELT SPINNING FEED-STOCK MATERIAL HAVING A FLOW RESTRICTING RING

● DISPOSITIF SERVANT A EFFECTUER LE FILAGE EN FUSION D'UNE CHARGE ET POSSEDANT UNE BAGUE DE LIMITATION DE DEBIT

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

(72) **ABDI, Mesfin**; Apartment 101, 4515 31st Street, S., Arlington, VA 22206 (US). **BAYARD, Claude, A.**; 2301 S. Jefferson Davis Highway, Arlington, VA 22202 (US). **PERKINS, James**; 805 Lakeview Drive, Cross Junction, VA 22625 (US).

(74) **LEVIS, John, F.** et al. / etc.; Fuisz Technologies Ltd., 14555 Avion at Lakeside, Chantilly, VA 20151 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN 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).

(11) **WO 98/51163** (13) A2

(21) PCT/US98/09998

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

(25) en (26) en

(31) 08/857,886 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(31) 60/062,893 (32) **20 Oct/oct 1997 (20.10.1997)** (33) US

(31) 60/069,719 (32) **16 Dec/déc 1997 (16.12.1997)** (33) US

(31) 1465/97 (32) **16 Dec/déc 1997 (16.12.1997)** (33) DK

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A23J 3/34, C12N 9/48, A23L 1/305, A23K 1/16**

(54) ● METHODS OF PRODUCING PROTEIN HYDROLYSATES

● PROCEDES DE PRODUCTION D'HYDROLYSATS PROTEIQUES

(71) **NOVO NORDISK BIOTECH, INC.** [US/US]; 1445 Drew Avenue, Davis, CA 95616-4880 (US). **NOVO NORDISK A/S** [DK/DK]; Novo Alle, DK-2880 Bagsvaerd (DK). **ASAHI CHEMICAL INDUSTRY CO., LTD.** [JP/JP]; 2-1, Samejima, Fuji-City, Shizuoka, Tokyo 416 (JP).

(72) **BLINKOVSKY, Alexander**; 955 Cranbrook Court #306, Davis, CA 95616 (US). **BROWN, Kimberly**; 8322 Windswept Court, Elk Grove, CA 95758 (US). **GOLIGHTLY, Elizabeth**; Apartment 171, 1880 Cowell Boulevard, Davis, CA 95616 (US). **BYUN, Tony**; Apartment A, 841 Adams Terrace, Davis, CA 95616 (US). **MATHIANSEN, Thomas, E.**; Nordborggade 3, DK-2100 Copenhagen Ø (DK). **KOFOD, Lene, V.**; Brorfeldvej 8, DK-4350 Uggeløse (DK). **FUJII, Mikio**; 466-5, Miyashita, Fuji-shi, Shizuoka 416 (JP). **MARUMOTA, Chigusa**; 576-1, Kona, Izunagaoka-cho, Shizuoka 410-22 (JP).

(74) **ZELSON, Steve, T.** et al. / etc.; Novo Nordisk of North America, Inc., Suite 6400, 405 Lexington Avenue, New York, NY 10174 (US).

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

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(11) **WO 98/51164** (13) A1

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(25) ja (26) ja

(31) 9/123985 (32) **14 May/mai 1997 (14.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A23K 1/16, 1/165, 1/18**

(54) ● FEED COMPOSITION FOR BROILERS AND METHOD FOR BREEDING BROILERS

● COMPOSITION ALIMENTAIRE POUR POULETS ET PROCEDE D'ALIMENTATION ASSOCIE

(71) **IDEMITSU MATERIALS CO., LTD.** [JP/JP]; 6-1, Shiba 5-chome, Minato-ku, Tokyo 108-0014 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AOYAMA, Tomoya** [JP/JP]; Idemitsu Materials Co., Ltd., 6-1, Shiba 5-chome, Minato-ku, Tokyo 108-0014 (JP). **SUGIMOTO, Yasuaki** [JP/JP]; Idemitsu Materials Co., Ltd., 6-1, Shiba 5-chome, Minato-ku, Tokyo 108-0014 (JP).

(74) **TOHEI, Masamichi**; Idemitsu Kosan Co., Ltd., 24-4, Anesakikaigan, Ichihara-shi, Chiba 299-0107 (JP).

(81) BR CA CN JP MX 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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(11) **WO 98/51165** (13) A1

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(25) en (26) en

(31) 08/857,770 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A23L 1/10**

(54) ● MILLED CEREAL BY-PRODUCT WHICH IS AN ADDITIVE FOR INCREASING TOTAL DIETARY FIBER

● SOUS-PRODUIT CEREALIER MOULU CONSTITUANT UN ADDITIF PERMETTANT D'ACCROITRE LA QUANTITE TOTALE DE FIBRES ALIMENTAIRES

(71) **CARGILL, INCORPORATED** [US/US]; P.O. Box 9300, Minneapolis, MN 55440 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DEL RUE, Rita, M.** [BE/US]; 4460 Fairfield Road #202, Minnetonka, MN 55343 (US). **BURIANEK, Mark, D.** [US/US]; 3955 Brockton Manor N., Greenwood, IN 46143 (US). **XENIDES, Carol, J.** [US/US]; 7348 #E St. Croix Lane, Indianapolis, IN 46214 (US). **SHEEHAN, Steve, T.** [US/US]; 7690 Colonial Court, Fishers, IN 46038 (US). **VALLE, Sergio** [US/US]; 7738 IslandClub Drive #K, Indianapolis, IN 46214 (US).

(74) **SAMPLES, Kenneth, H.**; Fitch, Even, Tabin & Flannery, Suite 900, 135 South LaSalle Street, Chicago, IL 60603-4277 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51166** (13) A1

(21) PCT/JP98/01040

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) ja (26) ja

(31) 9/139396 (32) **14 May/mai 1997 (14.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A23L 1/214, A21D 13/08, A23G 3/00**

(54) ● FORMED CHIPS AND METHOD OF PRODUCTION THEREOF

● CHIPS FAÇONNEES ET LEUR PROCEDE DE PRODUCTION

(71) **MORINAGA & CO., LTD.** [JP/JP]; 33-1, Shiba 5-chome, Minato-ku, Tokyo 108-0014 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MORIKI, Koichi** [JP/JP]; Research Institute of Morinaga & Co., Ltd., 1-1, Shimosueyoshi 2-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0012 (JP). **TANAKA, Kumiko** [JP/JP]; Research Institute of Morinaga & Co., Ltd., 1-1, Shimosueyoshi 2-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0012 (JP). **MORIYA, Shoichi** [JP/JP]; Research Institute of Morinaga & Co., Ltd., 1-1, Shimosueyoshi 2-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0012 (JP).

(74) **MATSUI, Shigeru**; Ginza Todoroki Building, 7th floor, 16-5, Ginza 8-chome, Chuo-ku, Tokyo 104-0061 (JP).

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

(11) **WO 98/51167** (13) A1

(21) PCT/US98/09300

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

(25) en (26) en

(31) 08/855,668 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(31) 09/038,045 (32) **11 Mar/mar 1998 (11.03.1998)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A23L 1/216**

- (54) ● WATER DISPERSIBLE COATING COMPOSITION FOR FAT-FRIED FOODS
● COMPOSITION DE REVETEMENT POUVANT ETRE DISPERSEE DANS DE L'EAU POUR PRODUITS ALIMENTAIRES FRITS
- (71) **KERRY INGREDIENTS, INC.** [US/US]; 352 East Grand Avenue, Beloit, WI 53511 (US).

- (72) **HIGGINS, Camille**; Apartment 4, 365 Bienterra Trail, Rockford, IL 61107 (US). **QIAN, Jun**; 4572 Moorlands Drive, Loves Park, IL 61111 (US). **WILLIAMS, Kevin**; 1223 Ninth Street, Beloit, WI 53511 (US).
- (74) **WHISENHUNT, Fred, S.**; Griffin, Butler, Whisenhunt & Szipl, LLP, Suite PH-1, 2300 Ninth Street, South, Arlington, VA 22204 (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 98/51168** (13) A1

(21) PCT/US98/02532

(22) **6 Feb/fév 1998 (06.02.1998)**

(25) en (26) en

(31) 08/856,448 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A23L 3/3436**

- (54) ● OXYGEN SCAVENGER ACCELERATOR
● ACCELERATEUR D'ABSORPTION D'OXYGENE

- (71) **TENNECO PACKAGING INC.** [US/US]; 1900 West Field Court, Lake Forest, IL 60045 (US).

- (72) **DELDUCA, Gary**; 82 Howell Street, Canandai-gua, NY 14424 (US). **DEYO, Alan, E.**; 66 South Main Street, Rushville, NY 14544 (US). **LUTHRA, Vindod, K.**; 21 Barrington Hills, Pittsford, NY 14534 (US). **WU, Wen, P.**; 4 Silver Pines Drive, Pittsford, NY 14534 (US).

- (74) **BOLDINGH, Mary Jo**; Arnold, White & Durkee, P.O. Box 4433, Houston, TX 77210 (US).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH 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 98/51169** (13) A1

(21) PCT/EP98/02780

(22) **12 May/mai 1998 (12.05.1998)**

(25) de (26) de

(31) 197 19 859.7 (32) **12 May/mai 1997 (12.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A24B 15/16**

- (54) ● STIMULATING SNUFF SUBSTANCE
● SUBSTANCE A PRISER STIMULANTE

- (71, 72) **BACHMAIER, Hugo** [DE/DE]; Lerchenauer Strasse 327, D-80995 München (DE). **PICKL, Alexander** [DE/DE]; Ismaninger Strasse 75, D-81675 München (DE).

- (74) **VON SAMSON-HIMMELSTJERNA, F., R.** et al. / etc.; Widenmayerstrasse 5, D-80538 München (DE).

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

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(11) **WO 98/51170** (13) A1

(21) PCT/IT97/00287

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

(25) en (26) en

(31) MI97U000349 (32) **16 May/mai 1997 (16.05.1997)** (33) IT

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A41D 13/00**

- (54) ● PROTECTIVE DEVICE FOR MOTORCYCLISTS
● DISPOSITIF DE PROTECTION POUR MOTOCYCLISTES

- (71) **FUTURA S.P.A.** [IT/IT]; Corso di Porta Nuova, 34, I-20121 Milan (IT).

- (72) **LONGHINI, Fabrizio**; Via Simone d'Orsenigo, 22, I-20135 Milan (IT).

- (74) **PELLEGATTA, Ottorino**; Calvani, Salvi & Veronelli S.r.l., Piazza Duca d'Aosta, 4, I-20124 Milan (IT).

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

(11) **WO 98/51171** (13) A1

(21) PCT/GB98/01409

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

(25) en (26) en

(31) 9709856.0 (32) **15 May/mai 1997 (15.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A41D 19/00, 13/10**

- (54) ● SPORTS GLOVE
● GANT DE SPORT

- (71) **UMBRO EUROPE LIMITED** [GB/GB]; Dallimore Road, Roundthorne Industrial Estate, Wythenshawe, P.O. Box 33, Manchester M23 9GJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **KERSHAW, Mark** [GB/GB]; Umbro Europe Limited, Dallimore Road, Roundthorne Industrial Estate, Wythenshawe, P.O. Box 33, Manchester M23 9GJ (GB).

- (74) **ORR, William, McLean**; 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).

Published / Publiée : (c)

(11) **WO 98/51172** (13) A1

(21) PCT/AT97/00094

(22) **13 May/mai 1997 (13.05.1997)**

(25) de (26) de

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A41D 31/00, D03D 15/00, D02G 3/02**

- (54) ● FLEXIBLE, TWO-DIMENSIONAL SCREENING MATERIAL, ESPECIALLY FOR PROTECTING HUMAN SKIN OR AREAS OF SKIN AGAINST UNDESIRABLE RADIATION

- MATERIAU DE RECOUVREMENT SOUPLE EN NAPPE, EN PARTICULIER POUR LA PROTECTION DE LA PEAU OU DE ZONES CUTANÉES HUMAINES CONTRE DES RAYONNEMENTS INDESIRABLES

- (71, 72) **ALTH, Gerhart** [AT/AT]; Donaustadtstrasse 1, A-1220 Wien (AT). **NAGYPAL, Tibor** [AT/AT]; Schulzgasse 15, A-1210 Wien (AT).

- (74) **CASATI, Wilhelm** et al. / etc.; Amerlingstrasse 8, A-1061 Wien (AT).

- (81) AU CA CN CZ IL JP KR LT LV NZ SI US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/51173** (13) A1

(21) PCT/JP98/02115

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

(25) ja (26) ja

(31) 9/137963 (32) **14 May/mai 1997 (14.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A41G 3/00**

- (54) ● WIG FASTENING MEMBER, METHOD OF FIXING WIG FASTENING MEMBER TO WIG BASE, AND WIG FASTENING METHOD

- ELEMENT DE FIXATION DE PERRUQUE, SON PROCEDE DE FIXATION A LA BASE DE LA PERRUQUE ET PROCEDE DE FIXATION DE LA PERRUQUE

- (71) **ADERANS CO., LTD.** [JP/JP]; 6-3, Shinjuku 1-chome, Shinjuku-ku, Tokyo 160-0022 (JP).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **MAEKAWA, Noriyuki** [JP/JP]; Product Development Dept., Aderans Co., Ltd., 1-1, Hiranedai, Nakajo-machi, Kitakanbara-gun, Niigata-ken 959-2702 (JP).

- (74) **ODA, Haruchika**; Fujimori Building, 7-9, Toranomom 1-chome, Minato-ku, Tokyo 105-0001 (JP).

- (81) AU CA CN 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 98/51174** (13) A1

(21) PCT/SE98/00880

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

(25) sv (26) en

(31) 9701757-8 (32) **13 May/mai 1997 (13.05.1997)** (33) SE

(31) 9702814-6 (32) **29 Jul/juil 1997 (29.07.1997)** (33) SE

(31) 9703708-9 (32) **10 Oct/oct 1997 (10.10.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A41H 37/10, 37/00**

(54) ● METHOD FOR FASTENING BUTTONS BY WELDING AND A DEVICE FOR MAKING SAID METHOD

● PROCEDE DE FIXATION DE BOUTONS PAR ASSEMBLAGE A CHAUD ET DISPOSITIF DE MISE EN OEUVRE DE CE PROCEDE

(71) **PETERSSON, Elisabeth** [SE/SE]; Stutaliden 33, S-434 94 Vallda (SE).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **PETERSSON, Bengt** [SE/SE]; Stutaliden 33, S-434 94 Uddevalla (SE).(74) **CEGUMARK AB**; P.O. Box 53047, S-400 14 Göteborg (SE).

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

(11) **WO 98/51175** (13) A1

(21) PCT/FR98/00957

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

(25) fr (26) fr

(31) 97/05901 (32) **14 May/mai 1997 (14.05.1997)** (33) FR

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A42B 3/04, A41D 13/00**

(54) ● SAFETY CLOTHING FOR PROTECTING THE HUMAN BODY

● VETEMENT DE SECURITE DESTINE A LA PROTECTION DU CORPS HUMAIN

(71) **D T M** [FR/FR]; 16, rue Kléber, F-92442 Issy Les Moulineaux (FR).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **GUILLEMOT, Gérard** [FR/FR]; Route de Tyrosse, F-40150 Tyrosse (FR).(74) **CABINET MOUTARD**; 35, avenue Victor Hugo, F-78960 Voisins-le-Bretonneux (FR).

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

Published / Publiée : (c)

(11) **WO 98/51176** (13) A1

(21) PCT/CH98/00198

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

(25) de (26) de

(31) 1128/97 (32) **14 May/mai 1997 (14.05.1997)** (33) CH(31) 1773/97 (32) **21 Jul/juil 1997 (21.07.1997)** (33) CH(31) 2274/97 (32) **29 Sep/sep 1997 (29.09.1997)** (33) CH

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A42B 3/14, 3/08**

(54) ● HELMET WITH ADJUSTABLE SAFETY STRAP

● CASQUE A BANDE DE RETENUE AJUSTABLE

(71, 72) **EGOLE, Heinz** [CH/CH]; Alpenblickstrasse 73, CH-8340 Hinwil (CH).(72, 75) **TRESS, Werner** [DE/DE]; Schauenlandstrasse 12, D-78224 Singen (DE). **WIDMER, Dieter** [CH/CH]; Eichenweg 3, CH-8180 Bülach (CH).(74) **FELBER & PARTNER AG**; Dufourstrasse 116, CH-8034 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN 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).

Published / Publiée : (a)

(11) **WO 98/51177** (13) A2

(21) PCT/EP98/02537

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) PD97A000102 (32) **9 May/mai 1997 (09.05.1997)** (33) IT

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A43B 7/12, 7/32**

(54) ● IMPROVED VAPOR-PERMEABLE SHOE

● CHAUSSURE AVEC AMELIORATION DE LA PERMEABILITE A LA VAPEUR

(71) **NOTTINGTON HOLDING B.V.** [NL/NL]; 7th floor, Strawinskylaan 3105, NL-1077 Amsterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **POLEGATO, Mario** [IT/IT]; Via Antonini, 7, I-31035 Crocetta del Montello (IT).(74) **MODIANO, Guido**; Modiano & Associati, Via Meravigli, 16, I-20123 Milano (IT).

(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); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/51178** (13) A1

(21) PCT/EP98/02706

(22) **8 May/mai 1998 (08.05.1998)**

(25) de (26) de

(31) 197 20 142.3 (32) **14 May/mai 1997 (14.05.1997)** (33) DE(31) 197 32 786.9 (32) **30 Jul/juil 1997 (30.07.1997)** (33) DE(31) 198 01 301.9 (32) **16 Jan/jan 1998 (16.01.1998)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A43B 17/14, 7/22**

(54) ● CIRCUIT FOR THE PROTECTION OF ELECTRICAL DEVICES

● SEMELLE INTERIEURE DE CHAUSSURE

(71, 72) **SEITER, Hans** [DE/DE]; Wilhelmsplatz 11, D-70182 Stuttgart (DE).(74) **FUHLENDORF, Jörn**; Dreiss, Fuhendorf, Steimle & Becker, Gerokstrasse 6, D-70188 Stuttgart (DE).

(81) AU BR CA CN CZ EE HU ID IL IS JP KR LT LV MX NO NZ PL 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).

Published / Publiée : (c)

(11) **WO 98/51179** (13) A1

(21) PCT/US98/09446

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 08/856,102 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A43D 69/00**

(54) ● APPLICATOR AND METHOD FOR DEPLOYING A SURGICAL FASTENER IN TISSUE

● APPLICATEUR ET PROCEDE PERMETTANT DE POSER DES AGRAFES CHIRURGICALES SUR DES TISSUS

(71) **ETHICON, INC.** [US/US]; U.S. Route 22W, Somerville, NJ 08876 (US).(72) **KAMMERER, Gene, W.**; 14 Stephens Drive, East Brunswick, NJ 08816 (US). **PEDLICK, Jack, S.**; 68 Outlook Street, Butler, NJ 07405 (US). **SERITELLA, Keith, A.**; 9 Savage Road, Kendall Park, NJ 08824 (US).(74) **PANDISCIO, Mark, J.**; Pandiscio & Pandiscio, 470 Totten Pond Road, Waltham, MA 02154 (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 98/51180** (13) A1

(21) PCT/FI98/00393

(22) **8 May/mai 1998 (08.05.1998)**

(25) fi (26) en

(31) 971987 (32) **9 May/mai 1997 (09.05.1997)** (33) FI

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A44C 21/00**

(54) ● COIN AND A SET OF COINS FORMED BY VARIOUS COINS PERFORATED WITH AN OPENING/OPENINGS REPRESENTING A VALUE

● PIECE ET ENSEMBLE DE PIECES FORME PAR PLUSIEURS PIECES PERFOREES QUI POSSEDENT UNE OU DES OUVERTURES REPRESENTANT UNE VALEUR

(71) **JASTA ORIGINAL OY** [FI/FI]; Mustalahdentie 4, FIN-00960 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **SALMIVALLI, Teuvo** [FI/FI]; Gumbostrand, FIN-01150 Söderkulla (FI).(74) **BERGGREN OY AB**; P.O. Box 16, FIN-00101 Helsinki (FI).

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

(11) **WO 98/51181** (13) A1

(21) PCT/NO98/00140

(22) **6 May/mai 1998 (06.05.1998)**

(25) no (26) en

(31) 972138 (32) **9 May/mai 1997 (09.05.1997)** (33) NO

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A45C 11/18**

- (54) ● MEDIA CLIP
- SUPPORT POUR JOURNAUX

(71) **RAPTOR MEDIA AS** [NO/NO]; Frysjavaeien 40, N-0884 Oslo (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ERIKSEN, Ronald** [NO/NO]; Møllerstuveien 10, N-1415 Oppegård (NO).

(74) **BALLE, Morten**; 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).

Published / Publiée : (c)

(11) **WO 98/51182** (13) A1

(21) PCT/GR98/00013

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

(25) en (26) en

(31) 970100184 (32) **14 May/mai 1997 (14.05.1997)** (33) GR

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A45D 24/00**

- (54) ● HYPEREMIA COMB
- PEIGNE INDUISANT UNE HYPEREMIE

(71, 72) **LAINAKIS, Artemis** [GR/GR]; 2 Koraka Street, GR-731 35 Chania (GR).

(81) AL AM AT AU BB BG BR BY CA CH CN DE DK ES FI GB HU IL IS JP KP KR LU MX NO NZ PL PT RO RU SE SG TR US.

(11) **WO 98/51183** (13) A1

(21) PCT/IL98/00197

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 120821 (32) **11 May/mai 1997 (11.05.1997)** (33) IL

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A45D 24/22**

- (54) ● HAIR DYE DISPENSER
- DISTRIBUTEUR DE COLORANT CAPILLAIRE

(71, 72) **SOFER, Menachem** [IL/IL]; Yavne Street 13/1, 72219 Ramla (IL). **SCHNEIDER, Roni** [IL/IL]; Pri Megadim Street 15, 67447 Tel Aviv (IL).

(74) **FRIEDMAN, Mark M.**; Samueloff Building., 7 Haomanim Street, 67897 Tel Aviv (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).

Published / Publiée : (a)

(11) **WO 98/51184** (13) A1

(21) PCT/CH98/00179

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

(25) fr (26) fr

(31) 1081/97 (32) **9 May/mai 1997 (09.05.1997)** (33) CH

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A45D 24/36**

- (54) ● HAIRCUTTING GUIDE
- GUIDE COUPE CHEVEUX

(71, 72) **GUARNACCIA, Alexandre** [CH/CH]; En Plancudrey, CH-1844 Villeneuve (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 98/51185** (13) A1

(21) PCT/US98/09656

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

(25) en (26) en

(31) 08/855,547 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(31) 09/054,091 (32) **2 Apr/avr 1998 (02.04.1998)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A45D 40/04**

- (54) ● PACKAGED ANTIPERSPIRANT CREAM COMPOSITION
- COMPOSITION DE CREME ANTISUDORIFIQUE CONDITIONNEE

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

(72) **BUSH, Stephan, Gary**; 7404 Constitution Drive, Cincinnati, OH 45241 (US). **DORNBUSCH, Arthur, Harold**; 4313 Marcrest Drive, Cincinnati, OH 45040 (US). **MOTLEY, Curtis, Bobby**; 8032 St. Matthew Drive, West Chester, OH 45069 (US). **KLUMB, William, Herb**; 6926 Miami Bluff Drive, Mariemont, OH 45227 (US).

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

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

(11) **WO 98/51186** (13) A1

(21) PCT/HU98/00052

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

(25) en (26) en

(31) U 97 00137 (32) **15 May/mai 1997 (15.05.1997)** (33) HU

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A45F 3/20**

- (54) ● COLLAPSIBLE DRINKING CUP
- GOBELET TELESCOPIQUE

(71, 72) **SÓLYOM, László** [HU/HU]; Gönyű, Kossuth u. 3, H-9071 Hungary (HU).

(74) **S.B.G. & K. PATENT AND LAW OFFICES**; Andrassy út 113, H-1062 Budapest (HU).

(81) AU BR CA MK NO RO SI SK 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).

(11) **WO 98/51187** (13) A1

(21) PCT/SE98/00814

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

(25) sv (26) en

(31) 9701743-8 (32) **9 May/mai 1997 (09.05.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A45F 5/02, A44B 13/00, G09F 3/08**

- (54) ● HOOK-SHAPED ARRANGEMENT
- DISPOSITIF A CROCHET

(71, 72) **OHLSON, Kurt, Lennart** [SE/SE]; Ekvägen 8, S-186 70 Brottbj (SE).

(74) **LINDBLOM, Erik, J.**; Flotthamn, S-150 23 Enhörna (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 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 98/51188** (13) A1
 (21) PCT/US98/08083
 (22) **11 May/mai 1998 (11.05.1998)**
 (25) en (26) en
 (31) 08/855,464 (32) **13 May/mai 1997 (13.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A46B 13/04**
 (54) ● AN APPARATUS FOR CLEANING VINYL BILLBOARDS AND FLEX FACES
 ● APPAREIL DE NETTOYAGE DE PANNEAUX D'AFFICHAGE ET DE SURFACES SOUPLES EN VINYLE
 (71, 72) **SCHNEIDER, David, Price** [US/US]; 4195 Davis Cup Drive, Huntington Beach, CA 92649 (US). **McCLEARY, David, Wayne** [US/US]; 8292 Kingsdale Drive, Huntington Beach, CA 92646 (US).
 (74) **BRANDE, Lewis, Mark**; 7057 Valinda Avenue, Alta Loma, CA 91701-5324 (US).
 (81) 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 98/51189** (13) A1
 (21) PCT/US98/09328
 (22) **7 May/mai 1998 (07.05.1998)**
 (25) en (26) en
 (31) 08/855,019 (32) **12 May/mai 1997 (12.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A46D 3/00, A46B 9/04**
 (54) ● ANTIMICROBIAL BRUSH
 ● Brosse antimicrobienne
 (71) **MICROBAN PRODUCTS COMPANY** [US/US]; Suite 110, 11515 Vanstony Drive, Huntersville, NC 28078 (US).
 (72) **CUEMAN, Glenn, F.**; 18818 Hamrock Lane, Davidson, NC 28036 (US). **HANRAHAN, William, D.**; 9138 Whittel Place, Charlotte, NC 28216 (US).
 (74) **DOUGHERTY, Ralph, H.**; Dougherty & Dre-mann, Suite 820, 1515 Mockingbird Lane, Charlotte, NC 28209 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/51190** (13) A1
 (21) PCT/US98/09384
 (22) **8 May/mai 1998 (08.05.1998)**
 (25) en (26) en

- (31) 08/857,703 (32) **16 May/mai 1997 (16.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A47B 17/00**
 (54) ● FREESTANDING FURNITURE DEFINING OFFICE WITH ADJUSTABLE FOOTPRINT
 ● MOBILIER SUR PIED DEFINISSANT UN BUREAU AVEC SURFACE D'ENCOMBREMENT AJUSTABLE
 (71) **STEELCASE INC.** [US/US]; 901 - 44th Street, S.E., Grand Rapids, MI 49508 (US).
 (72) **RHEAULT, Alan, E.**; 321 Ball Park Boulevard, N.W., Grand Rapids, MI 49504 (US). **CHAMBERLIN, Mark, W.**; 5330 Lindsey Road, Delton, MI 49046 (US). **ELLISON, Samuel, J.**; 6776 Highmeadow Drive, S.W., Wyoming, MI 49509 (US). **SIMONS, George, J.**; 2912 Pioneer Club Drive, S.E., Grand Rapids, MI 49506 (US).
 (74) **CARRIER, Robert, J.**; Price, Heneveld, Cooper, DeWitt & Litton, 695 Kenmoor, S.E., P.O. Box 2567, Grand Rapids, MI 49501 (US).
 (81) AL AU BA BB BG BR CA CN CU CZ EE GE GH GM 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 ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/51191** (13) A1
 (21) PCT/SE98/00928
 (22) **18 May/mai 1998 (18.05.1998)**
 (25) sv (26) en
 (31) 9701837-8 (32) **16 May/mai 1997 (16.05.1997)** (33) SE
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A47B 19/00**
 (54) ● A DEVICE FOR MUSIC-STAND
 ● DISPOSITIF DESTINE A UN LUTRIN
 (71, 72) **TJERNELL, Staffan** [SE/SE]; Konvojevägen 10, S-865 33 Alnö (SE).
 (74) **ONN, Thorsten** et al. / etc.; AB Stockholms Patentbyrå, Zacco & Bruhn, P.O. Box 23101, S-104 35 Stockholm (SE).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/51192** (13) A1
 (21) PCT/EP98/02729
 (22) **11 May/mai 1998 (11.05.1998)**
 (25) de (26) de
 (31) 197 19 666.7 (32) **9 May/mai 1997 (09.05.1997)** (33) DE
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A47B 73/88 // 87/02**

- (54) ● DEVICE AND SYSTEM FOR STORING BOTTLES, SPECIALLY WINE BOTTLES
 ● DISPOSITIF ET SYSTEME DE STOCKAGE POUR BOUTEILLES, EN PARTICULIER POUR BOUTEILLES DE VIN
 (71) **OBKIRCHER TECHNISCHES BÜRO GESELLSCHAFT MBH** [AT/AT]; Reitberg 46, A-5301 Eugendorf (AT).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **OBKIRCHER, Wolfgang** [AT/AT]; Reitberg 46, A-5301 Eugendorf (AT).
 (74) **GRAPE, Knut**; Grape & Schwarzensteiner, Sebastianplatz 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 98/51193** (13) A1
 (21) PCT/GB98/01349
 (22) **12 May/mai 1998 (12.05.1998)**
 (25) en (26) en
 (31) 9709934.5 (32) **15 May/mai 1997 (15.05.1997)** (33) GB
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A47B 87/00, 87/02**
 (54) ● BOX FRAME SYSTEM
 ● SYSTEME D'ASSEMBLAGE DE BOITES
 (71, 72) **BILLINGHAM, Paul, Richmond** [GB/GB]; 22 Heathfield Terrace, Chiswick, London W4 4JE (GB).
 (74) **SHINDLER, Nigel**; Batchellor, Kirk & Co., 2 Pear Tree Court, London EC1R 0DS (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 98/51194** (13) A1
 (21) PCT/US98/09147
 (22) **8 May/mai 1998 (08.05.1998)**
 (25) en (26) en
 (31) 08/856,994 (32) **15 May/mai 1997 (15.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A47B 88/00**
 (54) ● KNOCK-DOWN HANG-ON STORAGE UNIT FOR PORTABLE PARTITION SYSTEMS
 ● ENSEMBLE DE RANGEMENT PRET A ASSEMBLER ET A SUSPENDRE POUR SYSTEMES DE CLOISONS PORTABLES
 (71) **STEELCASE INC.** [US/US]; 901-44th Street, S.E., Grand Rapids, MI 49508 (US).

- (72) **MACDONALD, Douglas, B.**; 2219 Spyglass, Caledonia, MI 49316 (US). **STICKLAND, James, L.**; 4624-56th Street, Grandville, MI 49418 (US).
- (74) **CARRIER, Robert, J.**; Price, Heneveld, Cooper, DeWitt & Litton, 695 Kennmoor, S.E., P.O. Box 2567, Grand Rapids, MI 49501 (US).
- (81) AL AU BA BB BG BR CA CN CU CZ EE GE GH GM 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 ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/51195** (13) A1

(21) PCT/US98/09723

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 08/855,031 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(31) 09/062,634 (32) **17 Apr/avr 1998 (17.04.1998)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A47C 1/02**

- (54) ● **LINKAGE MECHANISM FOR RECLINING CHAIR**
● **MECANISME DE LIAISON POUR SIEGE INCLINABLE**

(71) **LA-Z-BOY INCORPORATED** [US/US]; 1284 N. Telegraph Road, Monroe, MI 48162 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LAPOINTE, Larry, P.** [US/US]; 1066 Substation Road, Temperance, MI 48182 (US). **MARSHALL, Richard, E.** [US/US]; 604 Parkwood, Monroe, MI 48161 (US). **SAUL, Jonathan, R.** [US/US]; 1635 East Erie, Erie, MI 48133 (US). **KOMOROWSKI, Karl, J.** [US/US]; 15696 Lulu Road, Petersburg, MI 49270 (US). **WRIGHT, Dennis, W.** [US/US]; 6481 North Custer Road, Monroe, MI 48162 (US). **FINZEL, Ken, K.** [US/US]; 1601 LaSalle Road, Monroe, MI 48162 (US).

(74) **KELLER, Paul, A.** 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 98/51196** (13) A1

(21) PCT/US98/09565

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

(25) en (26) en

(31) 08/854,492 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A47F 7/28**

- (54) ● **PORTABLE WELDING EQUIPMENT STORAGE RACK**

- **RATELIER DE RANGEMENT PORTABLE POUR MATERIEL DE SOUDAGE**

(71, 72) **ARGRAVES, Robert, L.** [US/US]; 27 Brunswick Avenue, Fort Fairfield, ME 04742 (US).

(74) **FASSE, Walter, F.** et al. / etc.; Fasse Patent Attorneys, P.A., Indian Pond Lane, P.O. Box K, St. Albans, ME 04971 (US).

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

(11) **WO 98/51197** (13) A1

(21) PCT/DK98/00181

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

(25) en (26) en

(31) 0550/97 (32) **13 May/mai 1997 (13.05.1997)** (33) DK

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A47F 10/04, G07F 7/06**

- (54) ● **SYSTEM FOR PROMOTING THE RETURNING OF SERVICE CARTS, E.G. SHOPPING CARTS, INTENDED FOR TRANSPORTING COMMODITIES IN AN ACTIVITY CENTRE, E.G. SHOPPING CENTRES**

- **SYSTEME FAVORISANT LE RETOUR DES CHARIOTS DE SERVICE, CHARIOTS DE SUPERMARCHÉ PAR EXEMPLE, DESTINES A TRANSPORTER DES ARTICLES DANS UN CENTRE D'ACTIVITES, CENTRE COMMERCIAL PAR EXEMPLE**

(71) **CATENA-SYSTEMS APS** [DK/DK]; Savsvinget 5, DK-2970 Horsholm (DK). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LENANDER, Aage** [DK/DK]; Engvej 13, DK-2960 Rungsted Kyst (DK).

(74) **BUDDE, SCHOU & CO. A/S**; Vestergade 31, DK-1456 København K (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 98/51198** (13) A1

(21) PCT/ES98/00137

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

(25) es (26) es

(31) U 9701321 (32) **13 May/mai 1997 (13.05.1997)** (33) ES

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A47G 1/16**

- (54) ● **METAL FITTING FOR LEVEL HANGING OF FRAMES OR SMALL OBJECTS**
● **FERRURE POUR SUSPENDRE DES TABLEAUX OU PETITS OBJETS A NIVEAU**

(71, 72) **FRUCTUOSO SAURA, Francisco** [ES/ES]; Calle Cánovas del Castillo, 7, 4ªA, E-30003 Murcia (ES).

(81) AT CA CH CN DE DK FI GB IL JP LU MX PT 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 98/51199** (13) A1

(21) PCT/NZ98/00054

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

(25) en (26) en

(31) 314779 (32) **9 May/mai 1997 (09.05.1997)** (33) NZ

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A47G 9/08, A41D 15/04, A45F 4/12**

- (54) ● **AN IMPROVED SLEEPING BAG**
● **SAC DE COUCHAGE AMELIORE**

(71) **HILLIAM, David, Norman** [NZ/NZ]; 3 Bucklands Beach Road, Bucklands Beach, Auckland 1704 (NZ). *(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **HOPE, Stephen, Ross** [NZ/NZ]; 62 Hutchinson Road, Howick, Auckland 1705 (NZ).

(74) **WELLS, Ceri, P., K.** et al. / etc.; 29 Clarence Street, P.O. Box 759, Hamilton 2001 (NZ).

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

(11) **WO 98/51200** (13) A1

(21) PCT/US98/10117

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

(25) en (26) en

(31) 08/856,837 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A47G 19/22**

- (54) ● **BEVERAGE CONTAINER WITH SELF-CONTAINED DRINKING STRAW**
● **RECIPIENT A BOISSON AVEC PAILLE AUTONOME**

(71) **THE POPSTRAW COMPANY, LLC** [US/US]; Suite 100, 18285 East Ten Mile Road, Roseville, MI 48066-3651 (US).

(72) **MURPHY, Peter, F.**; 543 St. Clair, Grosse Pointe, MI 48230 (US). **KURTZ, James, H., Jr.**; 30 Harbor Hill, Grosse Pointe Farms, MI 48236 (US). **WHITEHEAD, Ross**; 1828 Wawaset Street, Wilmington, DE 19806 (US). **SZASZ, David, A.**; 1400-C Stapler Place, Wilmington, DE 19806 (US).

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

(11) **WO 98/51201** (13) A1

(21) PCT/IT98/00121

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

(25) en (26) en

(31) NA97A000023 (32) **16 May/mai 1997 (16.05.1997)** (33) IT

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A47J 47/14, A47G 23/06**

(54) ● STACK OF TRAYS WHICH CAN BE SUPERIMPOSED ON SUPPORT MEMBERS AND CONNECTED BY A CROSSCUTTING HANDLE
● PILE DE PLATEAUX SUPERPOSES SUR DES ELEMENTS SUPPORT ET RACCORDES PAR UNE POIGNEE A FENTE

(71, 72) **MAMONE, Luigi** [IT/IT]; Via A. de Pretis, 75, I-80132 Napoli (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 98/51202** (13) A1

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(31) 08/855,869 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A47K 3/22**

(54) ● PRE-FABRICATED SHOWER MODULE AND METHOD OF SHOWER CONSTRUCTION
● MODULE DE DOUCHE PREFABRIQUE ET PROCEDE DE CONSTRUCTION DE DOUCHE

(71) **TILE REDI, LTD.** [US/US]; 9814 Northwest 1st Mannor, Coral Springs, FL 33071 (US).

(72) **GERBER, Lloyd, A.**; 2570 North Powerline Road #504, Pompano Beach, FL 33069 (US).

(74) **CROSBY, Kevin, P.** et al. / etc.; Malin, Haley, DiMaggio & Crosby, P.A., Suite 1609, One East Broward Boulevard, Fort Lauderdale, FL 33301 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51203** (13) A1

(21) PCT/US98/10107

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

(25) en (26) en

(31) 08/859,836 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A47L 13/11, B08B 1/00**

(54) ● METHOD AND APPARATUS FOR REMOVING STANDING WATER FROM FLAT AND CONTOURED SURFACES
● PROCEDE ET APPAREIL PERMETTANT D'ELIMINER L'EAU STAGNANTE DE SURFACES PLATES OU ARRONDIES

(71) **GOLDTIME PRODUCTS** [US/US]; Suite 1, 1725 San Filipe Road, Hollister, CA 95023 (US).

(72) **VARNER, Donald, Dean**; 21 Joe's Lane, Hollister, CA 95023 (US).

(74) **BOYS, Donald, R.**; P.O. Box 187, Aromas, CA 95004 (US).

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

(11) **WO 98/51204** (13) A1

(21) PCT/SE98/00396

(22) **5 Mar/mar 1998 (05.03.1998)**

(25) sv (26) en

(31) 9701843-6 (32) **16 May/mai 1997 (16.05.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A47L 13/20**

(54) ● MOP YARN DEVICE

● DISPOSITIF A FRANGES POUR BALAI

(71) **CARPETING I STOCKHOLM AB** [SE/SE]; P.O. Box 1005, S-121 14 Enskededalen (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANEHORN, Lars, G** [SE/SE]; Lyckostigen 9C, S-195 31 Märsta (SE).

(74) **AWAPATENT AB**; P.O. Box 45086, S-104 30 Stockholm (SE).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ 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 98/51205** (13) A2

(21) PCT/DE98/01371

(22) **16 May/mai 1998 (16.05.1998)**

(25) de (26) de

(31) 197 20 820.7 (32) **16 May/mai 1997 (16.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A47L 15/44**

(54) ● METHOD AND METERING DEVICE FOR OPERATING A HOUSEHOLD DISHWASHER
● PROCEDE ET DISPOSITIF DE DOSAGE POUR LE FONCTIONNEMENT D'UN LAVE-VAISSELLE DOMESTIQUE

(71) **AWECO KUNSTSTOFFTECHNIK GERÄTEBAU GMBH & CO. KG** [DE/DE]; Schulstrasse 27, D-88099 Neukirch (DE).
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(72, 75) **SCHROTT, Harald** [DE/DE]; Oeschländerweg 1, D-88131 Lindau (DE).

(74) **ROTH, Klaus**; Eisele, Otten, Roth & Dobler, Seestrass 42, D-88214 Ravensburg (DE).

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

(11) **WO 98/51206** (13) A1

(21) PCT/EP98/02742

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

(25) de (26) de

(31) 197 19 694.2 (32) **9 May/mai 1997 (09.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61B 3/103**

(54) ● DEVICE FOR DETECTING AND INDICATING DEFECTIVE VISION IN HUMAN BEINGS
● DISPOSITIF POUR DETECTER ET AFFICHER LE DEFAUT DE VISION D'UNE PERSONNE

(71) **EBERHARD-KARLS-UNIVERSITÄT TÜBINGEN UNIVERSITÄTSKLINIKUM** [DE/DE]; Geissweg 3, D-72076 Tübingen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHAEFFEL, Frank** [DE/DE]; Forchenweg 10, D-72076 Tübingen (DE). **WEISS, Stefan** [DE/DE]; Jahnstrasse 15, D-72070 Tübingen (DE). **ZRENNER, Eberhart** [DE/DE]; Jasminweg 23, D-72076 Tübingen (DE).

(74) **WITTE, Alexander** et al. / etc.; Rotebühlstrasse 121, D-70178 Stuttgart (DE).

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

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(11) **WO 98/51207** (13) A1

(21) PCT/IB98/00859

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

(25) en (26) en

(31) 08/853,427 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61B 3/12**

(54) ● EXAMINING RETINAL VESSELS BEFORE AND AFTER OPHTHALMIC INTERVENTION
● EXAMEN DES VAISSEAUX DE LA RETINE AVANT ET APRES UNE INTERVENTION OPHTHALMIQUE

(71, 72) **QUIGLEY, Michael, G.** [CA/CA]; 388 Roslyn, Westmount, Quebec H3Z 2L6 (CA). **ROSEN, Howard, B.** [CA/CA]; 1 Lyncroft Road, Montreal, Quebec H3X 3E3 (CA).

(81) AU BR CA CN IL JP KR 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 98/51208** (13) A1
 (21) PCT/BR98/00005
 (22) **13 Feb/fév 1998 (13.02.1998)**
 (25) en (26) en
 (31) PI 9703132-1 (32) **13 May/mai 1997 (13.05.1997)** (33) BR
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61B 5/00, G10L 7/08**
 (54) ● MEDICINAL TEMPORIZER
 ● TEMPORISATEUR MEDICINAL
 (63) US Not furnished / non communiqué (CIP)
 Not furnished / non communiquée
 (71) **ALL WARE REPRESENTAÇÃO COMERCIAL LTDA.** [BR/BR]; Rua Marquês de Sabará, 30 - CJ. 121, CEP-05684-020 São Paulo, SP (BR).
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 (74) **TINOCO SOARES, Jose, Carlos, Jr.**; Av. Indianópolis, 995, CEP-04063-001 São Paulo, SP (BR).
 (81) AU (Petty patent) CA CN JP KR MX SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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 (31) 97201404.7 (32) **9 May/mai 1997 (09.05.1997)** (33) EP
 (34) NL et al. / etc.
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61B 5/00, G02B 6/00**
 (54) ● DEVICE FOR LOCALIZING AN OBJECT IN A TURBID MEDIUM
 ● DISPOSITIF POUR LOCALISER UN OBJET DANS UN MILIEU TROUBLE
 (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 MARK, Martinus, Bernardus**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAN ASTEN, Nicolaas, Antonius, Allegondus, Johannes**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **WALRAVEN, Wilhelmus, Martinus**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
 (74) **SCHOUTEN, Marcus, M.**; Internationaal Octrooi-bureau 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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 (25) en (26) en
 (31) 08/856,904 (32) **15 May/mai 1997 (15.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61B 5/00**
 (54) ● EXTERNAL BLOOD PRESSURE SENSOR APPARATUS AND METHOD
 ● APPAREIL EXTERIEUR DE MESURE DE LA PRESSION SANGUINE ET PROCEDE ASSO-CIE
 (71) **L.VAD TEHCNOLOGY, INC.** [US/US]; 300 River Place, Detroit, MI 48207 (US).
 (72) **FREED, Paul, S.**; 1556 Lone Pine, Bloomfield Hills, MI 48302 (US). **KANTROWITZ, Adrian**; 70 Gallogly Road, Auburn Hills, MI 48326 (US).
 (74) **BASILE, Andrew, R.**; Young & Basile, P.C., Suite 624, 3001 West Big Beaver Road, Troy, MI 48084-3107 (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 DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/51211** (13) A1

- (21) PCT/FI98/00409
 (22) **13 May/mai 1998 (13.05.1998)**
 (25) en (26) en
 (31) 972067 (32) **14 May/mai 1997 (14.05.1997)** (33) FI
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61B 5/0205 // 5/08**
 (54) ● APPARATUSES AND METHODS FOR A NONINVASIVE MEASUREMENT OF PHYSIOLOGICAL PARAMETERS
 ● APPAREILS ET PROCEDES POUR UNE ME-SURE NON INVASIVE DE PARAMETRES PHYSIOLOGIQUES
 (71) **SILEM, Heiki** [EE/EE]; Kivimurru 11-4, Tallin (EE).
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 (71, 72) **KÖÖBI, Tiit** [EE/FI]; Halmeenkatu 6 F, FIN-33700 Tampere (FI). **AHER, Ants** [EE/EE]; Graniidi 29-16, Tallin (EE). **LAMP, Jürgen** [EE/EE]; Tiiru poik 35-4, Saku vald, Harju maakond, EE-3400 Saku (EE).
 (74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).
 (81) CA NO 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 98/51212** (13) A1

- (21) PCT/AU98/00356
 (22) **13 May/mai 1998 (13.05.1998)**
 (25) en (26) en
 (31) PO 6763 (32) **13 May/mai 1997 (13.05.1997)** (33) AU
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61B 5/026**
 (54) ● METHOD AND APPARATUS FOR MONITORING HAEMODYNAMIC FUNCTION
 ● PROCEDE ET APPAREIL DE CONTROLE DE LA FONCTION HEMODYNAMIQUE
 (71, 72) **DUNLOP, Colin** [AU/AU]; 6 Ganora Street, Gladsville, NSW 2111 (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 98/51213** (13) A1

- (21) PCT/JP98/02075
 (22) **11 May/mai 1998 (11.05.1998)**
 (25) ja (26) ja
 (31) 9/119749 (32) **9 May/mai 1997 (09.05.1997)** (33) JP
 (31) 9/224661 (32) **21 Aug/août 1997 (21.08.1997)** (33) JP
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61B 5/0275, 5/029, 5/028, 5/0285**
 (54) ● DILUTION CURVE MEASURING INSTRUMENT AND METHOD
 ● INSTRUMENT ET METHODE DE MESURE DE COURBE DE DILUTION
 (71, 72) **ASAHINA, Tadashi** [JP/JP]; 99-11, Oaza Kasahata, Kawagoe-shi, Saitama 350-1175 (JP).
 (72, 75) **TANAKA, Shigeo** [JP/JP]; 1-6, Fujimi 2-chome, Sayama-shi, Saitama 350-1306 (JP).
 (74) **KIUCHI, Mitsuharu**; Room 404, Hosokawa Building, 1-17, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (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 98/51214** (13) A1

- (21) PCT/US97/08322
 (22) **13 May/mai 1997 (13.05.1997)**
 (25) en (26) en
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61B 5/03, A61M 1/00**
 (54) ● EXPANDABLE PARENCHYMAL BOLT WITH LEVER ACTIVATION
 ● BOULON TELESCOPIQUE POUR TISSUS PARENCHYMATEUX ACTIVE PAR LEVIERS

(71) **CAMINO NEUROCARE, INC.** [US/US]; 5955 Pacific Center Boulevard, San Diego, CA 92121 (US).
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(72, 75) **LOTTI, Richard, A.** [US/US]; 13983 Arbolitos Drive, Poway, CA 92064 (US). **ALTIERI, Greig, E.** [US/US]; 11239 Carmel Creek Road, San Diego, CA 92130 (US).

(74) **RUNK, Thomas, A.** et al. / etc.; Fulwider Patton Lee & Utecht, LLP, 10th floor, 10877 Wilshire Boulevard, Los Angeles, CA 90024 (US).

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

(11) **WO 98/51215** (13) A1

(21) PCT/AU98/00340

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) PO 6739 (32) **9 May/mai 1997 (09.05.1997)** (33) AU

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61B 5/0488, 5/22**

(54) ● MUSCLE FUNCTION ASSESSMENT APPARATUS AND METHOD

● APPAREIL ET PROCÉDE D'ÉVALUATION DE LA FONCTION MUSCULAIRE

(71) **THE UNIVERSITY OF QUEENSLAND** [AU/AU]; St. Lucia, QLD 4072 (AU).
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(72, 75) **RICHARDSON, Carolyn, Anne** [AU/AU]; 4/124 MacQuarie Street, St. Lucia, QLD 4072 (AU). **JULL, Gwendolen, Anne** [AU/AU]; 51 Barkala Street, The Gap, QLD 4061 (AU). **HODGES, Paul** [AU/AU]; Unit 2, 3 Stanley Street, Randwick, NSW 2031 (AU). **HIDES, Julie** [AU/AU]; 169 Bourbong Street, Chapel Hill, QLD 4069 (AU).

(74) **HORSBURGH, Mark**; Fisher Adams Kelly, AMP Place, Level 13, 10 Eagle 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 98/51216** (13) A1

(21) PCT/US98/09712

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

(25) en (26) en

(31) 08/857,390 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61B 5/05**

(54) ● METHOD OF PREDICTING BODY COMPOSITION IN PREPUBERTAL CHILDREN INFECTED WITH HUMAN IMMUNODEFICIENCY VIRUS

● PROCÉDE PERMETTANT D'ESTIMER LA CONSTITUTION CORPORELLE D'ENFANTS PREPUBERES PORTEURS DU VIRUS DE L'IMMUNODEFICIENCE HUMAINE

(71) **ST. LUKE'S-ROOSEVELT HOSPITAL** [US/US]; 1111 Amsterdam Avenue, New York, NY 10025 (US).

(72) **ARPADI, Stephen, M.**; 156 West 86th Street, New York, NY 10024 (US). **HORLIK, Mary**; 100 West 92nd Street, New York, NY 10025 (US). **KOTLER, Donald, P.**; 110 Broadfield Road, New Rochelle, NY 10804 (US). **PIERSON, Richard, N.**; 60 Lincoln Street, Englewood, NJ 07631 (US). **THORNTON, John**; 134 Lake Drive, Mahopac, NY 10541 (US). **WANG, Jack**; 717 Undercliff Avenue, Edgewater, NJ 07020 (US).

(74) **SEIDE, Rochelle, K.**; Baker & Botts, LLP, 30 Rockefeller Plaza, New York, NY 10112-0228 (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 98/51217** (13) A1

(21) PCT/US98/09988

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

(25) en (26) en

(31) 60/046,680 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61B 5/055, A61K 39/02, 39/40, 39/108, 39/112, 51/00, C07K 16/00**

(54) ● VACCINE AGAINST LIPOPOLYSACCHARIDE CORE
● VACCIN DIRIGE CONTRE LES NOYAUX DE LIPOPOLYSACCHARIDES

(71) **MEDICAL DEFENSE TECHNOLOGIES, LLC** [US/US]; 175 East 96th Street #4C, New York, NY 10128 (US).
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(72, 75) **BENNETT-GUERRERO, Elliott** [US/US]; 175 East 96th Street #4C, New York, NY 10128 (US). **BARCLAY, George, Robin** [GB/GB]; 30 Bonnyrigg Road, Eskbank, Dalkeith, Midlothian EH22 3EZ (GB). **POXTON, Ian, Raymond** [GB/GB]; University of Edinburgh Medical School, Department of Medical Microbiology, Teviot Place, Edinburgh EH8 9AG (GB). **MCINTOSH, Thomas, James** [US/US]; Duke University Medical Center, Department of Cell Biology, Sands Building, Room 443, Durham, NC 27710 (US). **SNYDER, David, Scott** [US/US]; Duke University Medical Center, Department of Cell Biology, Sands Building, Room 443, Durham, NC 27710 (US).

(74) **FREEMAN, John, W.**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

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

(11) **WO 98/51218** (13) A1

(21) PCT/US98/10009

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

(25) en (26) en

(31) 60/046,622 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(31) 09/079,207 (32) **14 May/mai 1998 (14.05.1998)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61B 5/103**

(54) ● SYSTEMS AND METHODS FOR MODIFYING BEHAVIORAL DISORDERS
● SYSTEMES ET PROCÉDES PERMETTANT DE MODIFIER DES TROUBLES DU COMPORTEMENT

(71) **MORRIS RESEARCH, INC.** [US/US]; 44 Marguerita Road, Kensington, CA 94707 (US).

(72) **MORRIS, Don**; 44 Marguerita Road, Kensington, CA 94707 (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).

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(31) 9/135806 (32) **12 May/mai 1997 (12.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61B 5/117**

(54) ● FINGERPRINT DEVELOPING AGENT AND METHOD FOR DEVELOPING FINGERPRINTS
● AGENT REVELATEUR D'EMPREINTES DIGITALES ET PROCÉDE REVELATEUR D'EMPREINTES DIGITALES

(71) **TAIHO INDUSTRIES CO., LTD.** [JP/JP]; 21-44, Takanawa 2-chome, Minato-ku, Tokyo 108-0074 (JP).
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(72, 75) **TAKAMURA, Yasuo** [JP/JP]; 634-13, Migawa-cho 4-chome, Mito-shi, Ibaraki 310-0913 (JP). **SHIMIZU, Masaharu** [JP/JP]; 7-5, Matsudo-cho 3-chome, Hitachinaka-shi, Ibaraki 312-0016 (JP). **FUKUCHI, Takashi** [JP/JP]; #304, Taiki-shukusha No. 3, 147-3, Senba-cho, Mito-shi, Ibaraki 310-0851 (JP). **ISHIZAWA, Fujio** [JP/JP]; 611-43, Miwa 3-chome, Mito-shi, Ibaraki 310-0911 (JP). **MIYAGI, Akira** [JP/JP]; 645-3, Endo, Fujisawa-shi, Kanagawa 252-0816 (JP). **OCHIAI, Nobuyasu** [JP/JP]; 4-16-41, Tsunashima-Nishi, Kohoku-ku, Yokohama-shi, Kanagawa 223-0053 (JP). **IKEDA, Atsushi** [JP/JP]; 942-1-202, Endo, Fujisawa-shi, Kanagawa 252-0816 (JP). **OKAMURA, Kiyoshi** [JP/JP]; 2-7-8-104, Tsujido Nishi-Kaigan, Fujisawa-shi, Kanagawa 251-0046 (JP).

(74) **MATOBA, Motonori**; Matoba International Patent Office, 2F, Mikami Building, 27, Sanei-cho, Shinjuku-ku, Tokyo 160-0008 (JP).

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 (22) **11 May/mai 1998 (11.05.1998)**
 (25) en (26) en
 (31) 08/855,207 (32) **13 May/mai 1997 (13.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61B 6/03**
 (54) ● **WOBLING FOCAL SPOT CT OPTIMAL CHANNEL FILTER**
 ● **FILTRE DE CANAL OPTIMAL POUR SCANNER A FOYER OSCILLANT**
 (71) **ANALOGIC CORPORATION** [US/US]; Eight Centennial Drive, Centennial Industrial Park, Peabody, MA 01960 (US).
 (72) **DOLAZZA, Enrico**; 79 Marlborough Street, Boston, MA 02116 (US). **WEEDON, Hans**; 1A Daniels Street Court, Salem, MA 01970 (US).
 (74) **KUSMER, Toby, H.** et al. / etc.; Lappin & Kusmer LLP, Two Hundred 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 98/51221** (13) A1
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 (22) **16 Apr/avr 1998 (16.04.1998)**
 (25) de (26) de
 (31) 1115/97 (32) **13 May/mai 1997 (13.05.1997)** (33) CH
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61B 7/02**
 (54) ● **STETHOSCOPE HEAD**
 ● **TETE DE STETHOSCOPE**
 (71, 72) **GRANZOTTO, Artemio** [CH/CH]; Hardturmstrasse 135, CH-8005 Zürich (CH).
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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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/51222** (13) A1
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 (22) **5 May/mai 1998 (05.05.1998)**
 (25) en (26) en
 (31) 08/857,193 (32) **15 May/mai 1997 (15.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61B 17/00**
 (54) ● **APPARATUS AND METHOD FOR DEVELOPING AN ANATOMIC SPACE FOR LAPAROSCOPIC PROCEDURES**
 ● **DISPOSITIF ET PROCEDE SERVANT A CREER UN ESPACE ANATOMIQUE POUR DES INTERVENTIONS ENDOSCOPIQUES**
 (71) **GENERAL SURGICAL INNOVATIONS, INC.** [US/US]; 10460 Bubb Road, Cupertino, CA 95014 (US).
 (72) **ECHEVERRY, Jan, M.**; 2603 Skylark Drive, San Jose, CA 95125 (US). **FERNANDEZ, Luis, M.**; Apartment Number 9, 565 Matadero Avenue, Palo Alto, CA 94306 (US). **JERVIS, James, E.**; 495 Walsh Road, Atherton, CA 94027 (US). **ROBINSON, Janine, C.**; 101 Alameda Avenue, Half Moon Bay, CA 94019 (US). **TANAKA, Shigeru**; 1220 Wilson Street, Palo Alto, CA 94301 (US). **VOSS, Laveille, K.**; 2832 Hallmark Drive, Belmont, CA 94002 (US).
 (74) **ENGLISH, William, A.** et al. / etc.; Lyon & Lyon LLP, Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071-2066 (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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 (22) **11 May/mai 1998 (11.05.1998)**
 (25) en (26) en
 (31) 08/857,428 (32) **16 May/mai 1997 (16.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61B 17/02, 17/12**
 (54) ● **APPARATUS AND METHOD FOR CARDIAC STABILIZATION AND ARTERIAL OCCLUSION**
 ● **DISPOSITIF ET PROCEDE POUR STABILISATION CARDIAQUE ET OCCLUSION ARTERIELLE**
 (71) **GUIDANT CORPORATION** [US/US]; Suite 2900, 111 Monument Circle, Indianapolis, IN 46204 (US).
 (72) **ANDERSON, Scott, C.**; 548 Cashmere Court, Sunnyvale, CA 94087 (US). **NEMETH, Joseph, J.**; 713 Orange Avenue, Los Altos, CA 94022 (US). **VOSS, Lawrence, J.**; 5094 Montreal Drive, San Jose, CA 95130 (US).
 (74) **MAHER, Pamela, G.** et al. / etc.; Fulwider Patton Lee & Utecht, LLP, 10th floor, 10877 Wilshire Boulevard, Los Angeles, CA 90024 (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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 (21) PCT/US98/09539
 (22) **8 May/mai 1998 (08.05.1998)**
 (25) en (26) en
 (31) 08/857,416 (32) **16 May/mai 1997 (16.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61B 17/22**
 (54) ● **THERAPEUTIC ULTRASOUND SYSTEM**
 ● **SYSTEME THERAPEUTIQUE UTILISANT DES ULTRASONS**
 (71, 72) **NITA, Henry** [US/US]; Unit D #306, 1775 Milmont Drive, Milpitas, CA 95035 (US).
 (74) **SUN, Raymond**; 12420 Woodhall Way, Tustin, CA 92782 (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 98/51225** (13) A1
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 (22) **12 May/mai 1998 (12.05.1998)**
 (25) en (26) en
 (31) 08/856,064 (32) **14 May/mai 1997 (14.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61B 17/34**
 (54) ● **INTRAMUSCULAR STIMULATION THERAPY FACILITATING DEVICE AND METHOD**
 ● **DISPOSITIF ET METHODE PERMETTANT DE FACILITER LE TRAITEMENT PAR STIMULATION INTRAMUSCULAIRE**
 (71, 72) **CHU, M., D., Jennifer** [US/US]; 2 Barrister Court, Haverford, PA 19041 (US).
 (72) **YAN, Zhen, Guo**; Apartment 101, 22 Shi Guang Road, #3 Gong Nong Village, Shanghai 200432 (CN).
 (74) **McKEE, Christopher, L.** 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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)
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- (11) **WO 98/51226** (13) A2
 (21) PCT/US98/09634
 (22) **12 May/mai 1998 (12.05.1998)**
 (25) en (26) en
 (31) 08/856,902 (32) **15 May/mai 1997 (15.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61B 17/56**
 (54) ● **ANTERIOR CERVICAL PLATING SYSTEM**
 ● **SYSTEME DE PLAQUE D'OSTEOSYNTHESE CERVICALE ANTERIEURE**
 (71) **SDGI HOLDINGS, INC.** [US/US]; Suite 508, 300 Delaware Avenue, Wilmington, DE 19801 (US).
(for all designated States except / pour tous les Etats désignés sauf US)
 (72, 75) **FARRIS, Robert, A.** [US/US]; 981 Robin Hood Lane, Memphis, TN 38111 (US). **POYNER, Jeffrey, Wade** [US/US]; 234 Oxford Drive, Atoka, TN 38004 (US). **SONNTAG, Volker, K., H.** [US/US]; 5202 East Exeter Boulevard, Phoenix, AZ 85018 (US). **HAID, Regis, W., Jr.** [US/US]; 2995 Devonshire Place, Atlanta, GA 30327 (US). **PAPADOPOULOS, Stephen, M.** [US/US]; 2465 Adare Road, Ann Arbor, MI 48109 (US).

(74) **REEVES, Charles, R.** 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 98/51227** (13) A1

(21) PCT/US98/06575

(22) **2 Apr/avr 1998 (02.04.1998)**

(25) en (26) en

(31) 08/856,945 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61B 17/60**

(54) ● EXTERNAL FIXATION SYSTEM
● SYSTEME EXTERNE DE FIXATION

(71) **WRIGHT MEDICAL TECHNOLOGY, INC.** [US/US]; 5677 Airline Road, Arlington, TN 38002-9501 (US).

(72) **CLYBURN, Terry**; Suite 1200, 2000 Crawford, Houston, TX 77002 (US). **HARRIS, Brian, R.**; 6742 Norfield Drive, Memphis, TN 38115 (US). **SHAPPLEY, Ben, R.**; 9609 Mourning Dove Cove, Germantown, TN 38139 (US).

(74) **LONDA, Bruce** et al. / etc.; Londa & Traub LLP, 37th floor, 20 Exchange Place, New York, NY 10005 (US).

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

(11) **WO 98/51228** (13) A1

(21) PCT/GB98/01346

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 9709509.5 (32) **12 May/mai 1997 (12.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61B 17/72**

(54) ● RETRACTABLE INTRAMEDULLARY NAIL
● CLOU INTRAMEDULLAIRE RETRACTABLE

(71) **UNIVERSITY OF ABERDEEN** [GB/GB]; Auris Business Centre, 23 St Machar Drive, Aberdeen AB2 1RY (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STEVENSON, Edward, Craig** [GB/GB]; 16 Ashgrove Road West, Glenmore, Aberdeen AB16 5DY (GB).

(74) **SUER, Steven, Johannes** et al. / etc.; Ablett & Stebbing, 45 Lancaster Mews, Lancaster Gate, London W2 3QQ (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 98/51229** (13) A1

(21) PCT/US98/10008

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

(25) en (26) en

(31) 08/856,664 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(31) 08/919,649 (32) **28 Aug/août 1997 (28.08.1997)** (33) US

(31) 09/058,092 (32) **9 Apr/avr 1998 (09.04.1998)** (33) US

(31) 09/078,913 (32) **14 May/mai 1998 (14.05.1998)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61B 19/00**

(54) ● TRAJECTORY GUIDES FOR SURGICAL INSTRUMENTS
● GUIDES POUR INSTRUMENTS CHIRURGI-CAUX

(63) US 08/856,664 (CIP)

US 15 May/mai 1997 (15.05.1997)

US 08/919,649 (CIP)

US 28 Aug/août 1997 (28.08.1997)

US 09/058,092 (CIP)

US 9 Apr/avr 1998 (09.04.1998)

US 09/078,913 (CIP)

US 14 May/mai 1998 (14.05.1998)

(71) **REGENTS OF THE UNIVERSITY OF MINNESOTA** [US/US]; Morrill Hall, 100 Church Street S.E., Minneapolis, MN 55455 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TRUWIT, Charles, L.** [US/US]; 378 Ferndale Road W., Wayzata, MN 55391 (US). **LIU, Haiying** [CN/US]; Suite A, 1021 29th Avenue S.E., Minneapolis, MN 55414 (US). **BAUER, Debra, F.** [US/US]; Apartment #E, 2810 15th Street South, Fargo, ND 58103 (US).

(74) **VIKSINNS, Ann S.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, 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 98/51230** (13) A1

(21) PCT/JP97/01657

(22) **16 May/mai 1997 (16.05.1997)**

(25) ja (26) ja

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61C 7/12, 7/18**

(54) ● ORTHODONTIC DEVICE

● DISPOSITIF ORTHODONTIQUE

(71) **SHOFU INC.** [JP/JP]; 11, Kimitakamatsu-cho, Fukuine, Higashiyama-ku, Kyoto-shi, Kyoto 605 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHIRASUKA, Masako** [JP/JP]; 1-9, Nakazato 1-chome, Kita-ku, Tokyo 114 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 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 98/51231** (13) A1

(21) PCT/SE98/00891

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

(25) sv (26) en

(31) 9701872-5 (32) **16 May/mai 1997 (16.05.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61C 8/00, A61L 27/00**

(54) ● AN IMPLANT ELEMENT
● ELEMENT IMPLANT

(71) **NOBEL BIOCARE AB** [SE/SE]; P.O. Box 5190, S-402 26 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LARSSON, Cecilia** [SE/SE]; Aschebergsgatan 9, S-411 27 Göteborg (SE). **THOMSEN, Peter** [SE/SE]; Hängestensvägen 2, S-421 67 Göteborg (SE).

(74) **OLSSON, Gunnar**; Nobel Biocare AB, P.O. Box 5190, S-402 26 Göteborg (SE).

(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 98/51232** (13) A1

(21) PCT/SE98/00835

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

(25) sv (26) en

(31) 9701824-6 (32) **16 May/mai 1997 (16.05.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61C 13/00**

(54) ● METHOD AND ARRANGEMENT FOR PRODUCING ELONGATE SUPPORT ELEMENT AND PRODUCT, AND USE OF THE SUPPORT ELEMENT

● PROCEDE DE PRODUCTION D'ELEMENT DE SUPPORT DE FORME ALLONGEE, DISPOSITIF CORRESPONDANT, ARTICLE OBTENU ET UTILISATION DE CET ELEMENT DE SUPPORT

(71) **NOBEL BIOCARE AB** [SE/SE]; P.O. Box 5190, S-402 26 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BÄCK, Tomas** [SE/SE]; Krokslätt Parkgata 13, S-431 68 Mölndal (SE). **CARLSSON, Lenart** [SE/SE]; Matildebergsgatan 36, S-431 38 Mölndal (SE). **PETERSSON, Anders** [SE/SE]; Munkebacksgatan 32, S-416 54 Göteborg (SE).

(74) **OLSSON, Gunnar**; Nobel Biocare AB, P.O. Box 5190, S-402 26 Göteborg (SE).

(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 98/51233** (13) A1

(21) PCT/SE98/00832

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

(25) sv (26) en

(31) 9701744-6 (32) **12 May/mai 1997 (12.05.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61C 17/06, A61B 1/253**

(54) ● SELF-CLEANING ROTATING DENTIST'S MIRROR

● MIROIR DE DENTISTE ROTATIF AUTO-NETTOYANT

(71, 72) **GUNNARSSON, Stefan** [SE/SE]; Spelmansgatan 24, S-371 49 Karlskrona (SE).

(74) **LAUTMANN, Kurt**; Kurt Lautmanns Patentbyrå AB, P.O. Box 245, S-691 25 Karlskoga (SE).

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

(11) **WO 98/51234** (13) A2

(21) PCT/KR98/00116

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 1997/18001 (32) **9 May/mai 1997 (09.05.1997)** (33) KR

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61F**

(54) ● APPARATUS FOR PREVENTING SNORING AND SHAPING NOSE

● APPAREIL EMPECHANT LE RONFLEMENT ET ELARGISSANT LES PAROIS NASALES

(71, 72) **LEE, Dong, In** [KR/KR]; 53-24, Dapsimli2-dong, Dongdaemun-ku, Seoul 130-032 (KR).

(74) **WON, Eun, Sup**; 3rd floor, Yajung Building, 736-16, Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) CN JP.

(11) **WO 98/51235** (13) A1

(21) PCT/US98/09600

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

(25) en (26) en

(31) 60/046,542 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(31) 60/077,726 (32) **12 Mar/mar 1998 (12.03.1998)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61F 2/00**

(54) ● METHOD AND APPARATUS FOR DERMATOLOGY TREATMENT

● PROCEDE ET APPAREIL DE TRAITEMENT DERMATOLOGIQUE

(71) **PALOMAR MEDICAL TECHNOLOGIES, INC.** [US/US]; 45 Hartwell Avenue, Lexington, MA 02173 (US). **THE GENERAL HOSPITAL CORPORATION** [US/US]; 55 Fruit Street, Boston, MA 02114 (US).

(72) **ALTSHULER, Gregory, B.**; 304 Broughton Drive, Beverly, MA 01915 (US). **ANDERSON, R., Rox**; 399 Marrett Road, Lexington, MA 02173 (US).

(74) **KRANSDORF, Ronald, J.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (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 98/51236** (13) A1

(21) PCT/US98/10140

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

(25) en (26) en

(31) 08/856,522 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61F 2/00, 2/02, A61L 27/00, G09B 23/28**

(54) ● ARTIFICIAL GUT

● INTESTIN ARTIFICIEL

(71) **CEDARS-SINAI MEDICAL CENTER** [US/US]; 8700 Beverly Boulevard, Los Angeles, CA 90048 (US).

(72) **ROZGA, Jacek**; 986 Blue Mountain Circle, Westlake Village, CA 91362 (US). **DEMETRIOU, Achilles, A.**; 11805 Gwynne Lane, Bel Air, CA 90077 (US).

(74) **KORDICH, Donald, C.** et al. / etc.; Pretty, Schroeder & Poplawski, 444 South Flower Street, Los Angeles, CA 90071 (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 98/51237** (13) A1

(21) PCT/US98/10220

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

(25) en (26) en

(31) 60/046,777 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(31) 60/057,439 (32) **2 Sep/sep 1997 (02.09.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61F 2/01, A61M 29/02**

(54) ● CATHETER-FILTER SET HAVING A COMPLIANT SEAL

● ENSEMBLE CATHETER-FILTRE A ORGANE D'ETANCHEITE ELASTIQUE

(71, 72) **GERTLER, Jonathan** [US/US]; 16 Greenridge Road, Weston, MA 02193 (US). **KAMM, Roger** [US/US]; 31 Nonesuch Road, Weston, MA 02193 (US).

(74) **SUNSTEIN, Bruce, D.** et al. / etc.; Bromberg & Sunstein LLP, 125 Summer Street, Boston, MA 02110-1618 (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 98/51238** (13) A1

(21) PCT/CA98/00471

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

(25) en (26) en

(31) 60/046,497 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61F 2/06**

(54) ● EXPANDABLE STENT AND METHOD FOR PRODUCTION OF SAME

● PROTHESE ENDOVASCULAIRE EXTENSIBLE ET SON PROCEDE DE PRODUCTION

(71) **NOVO RPS ULC** [CA/CA]; 865 West 10th Avenue, Vancouver, British Columbia V5Z 1L7 (CA). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHUKOV, George, A.** [US/US]; 14440 De Bell Road, Los Altos Hills, CA 94022 (US).

(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).

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(11) **WO 98/51239** (13) A1

(21) PCT/US98/09108

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

(25) en (26) en

(31) 08/854,958 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61F 2/24**

(54) ● TRILEAFLET HEART VALVE

● VALVULE CARDIAQUE A TROIS VALVES

(71) **MEDICAL CARBON RESEARCH INSTITUTE, LLC** [US/US]; Building A-196, 8200 Cameron Road, Austin, TX 78754 (US).

(72) **BOKROS, Jack, C.**; 2204 Manana Street, Austin, TX 78730 (US). **STUPKA, Jonathan, C.**; 12601 Velarde Cove, Austin, TX 78729 (US). **MORE, Robert, B.**; 1811 Running Brook Drive, Austin, TX 78723 (US).

(74) **SAMPLES, Kenneth, H.** et al. / etc.; Fitch, Even, Tabin & Flannery, Room 900, 135 S. LaSalle, Chicago, IL 60603 (US).

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

(11) **WO 98/51240** (13) A1

(21) PCT/US98/09514

(22) **12 May/mai 1998 (12.05.1998)**

- (25) en (26) en
- (31) 08/856,951 (32) **15 May/mai 1997** (33) US (15.05.1997)
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A61F 2/28, 2/34, 2/36**
- (54) ● TEMPORARY IMPLANTABLE PROSTHESIS
● PROTHESE POUR IMPLANTATION TEMPORAIRE
- (63) US 08/856,951 (CIP)
15 May/mai 1997 (15.05.1997)
- (71) **HAYES MEDICAL, INC.** [US/US]; Suite 10, 819 Striker Avenue, Sacramento, CA 95834 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BARNERS, C., Lowry** [US/US]; 470 Ridgeway, Little Rock, AR 72205 (US). **GUIDERA, Michael, G.** [US/US]; 344 Municipal Drive, Sacramento, CA 95838 (US).
- (74) **BRUCKNER, John, J.**; 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).
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- (11) **WO 98/51241** (13) A1
- (21) PCT/US98/09528
- (22) **14 May/mai 1998** (14.05.1998)
- (25) en (26) en
- (31) 60/046,668 (32) **16 May/mai 1997** (33) US (16.05.1997)
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A61F 2/28**
- (54) ● IMPLANTABLE RE-BAR DEVICES
● BROCHES IMPLANTABLES
- (71) **NORIAN CORPORATION** [US/US]; 10260 Bubb Road, Cupertino, CA 95014-4166 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CONSTANTZ, Brent** [US/US]; 10260 Bubb Road, Cupertino, CA 95014-4166 (US). **PER-ING, Claude** [US/US]; 10260 Bubb Road, Cupertino, CA 95014-4166 (US). **GROSSER, Morton** [US/US]; 1016 Lemon Street, Menlo Park, CA 94025 (US).
- (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 98/51242** (13) A1
- (21) PCT/GB98/01342
- (22) **11 May/mai 1998** (11.05.1998)
- (25) en (26) en
- (31) 08/854,604 (32) **12 May/mai 1997** (33) US (12.05.1997)
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A61F 6/06, A61M 31/00**
- (54) ● INTRAUTERINE CHEMICAL NECROSING METHOD, COMPOSITION, AND APPARATUS
● METHODE, COMPOSITION ET DISPOSITIF DE NECROSE CHIMIQUE INTRA-UTERINE
- (71, 72) **NEUWIRTH, Robert, S.** [US/US]; 400 Gloucester Street, Englewood, NJ 07631 (US).
- (74) **BIRDE, Patrick, J.** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51245** (13) A1
- (21) PCT/US98/01386
- (22) **28 Jan/jan 1998** (28.01.1998)
- (25) en (26) en
- (31) 08/854,565 (32) **12 May/mai 1997** (33) US (12.05.1997)
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A61F 9/00, H01S 3/115**
- (54) ● SHORT PULSE MID-INFRARED LASER SOURCE FOR SURGERY
● LASER CHIRURGICAL EMETTANT DES IMPULSIONS COURTES DANS L'IR MOYEN
- (71) **IRVISION, INC.** [US/US]; 3997 Starview Drive, San Jose, CA 95124 (US).
- (72) **TELFAIR, William, B.**; 3997 Starview Drive, San Jose, CA 95124 (US). **HOFFMAN, Hannah, J.**; 1049 Metro Circle, Palo Alto, CA 94303 (US).
- (74) **COHEN, Neil, G.**; Cummings & Lockwood, Four Stamford Plaza, Stamford, CT 06904 (US).
- (81) AU CA CN IL JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/51246** (13) A1
- (21) PCT/US98/06747
- (22) **11 May/mai 1998** (11.05.1998)
- (25) en (26) en
- (31) 08/854,323 (32) **12 May/mai 1997** (33) US (12.05.1997)
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A61F 13/00**
- (54) ● METHODS AND DEVICES FOR DELIVERING OPIOID ANALGESICS TO WOUNDS
● PROCEDE D'ADMINISTRATION D'UN ANALGESIQUE OPIOIDE A UNE BLESSURE
- (71, 72) **ELKHOURY, George, F.** [US/US]; 1561 Ramillo Avenue, Long Beach, CA 90815 (US).
- (74) **ROYLANCE, Stephen, M.**; Greenblum & Bernstein, p.l.c., 1941 Roland Clarke Place, Reston, VA 20191 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51247** (13) A1
 (21) PCT/GB98/01344
 (22) **11 May/mai 1998 (11.05.1998)**
 (25) en (26) en
 (31) 9709422.1 (32) **10 May/mai 1997 (10.05.1997)** (33) GB
 (31) 9709423.9 (32) **10 May/mai 1997 (10.05.1997)** (33) GB
 (31) 9709424.7 (32) **10 May/mai 1997 (10.05.1997)** (33) GB
 (31) 9709425.4 (32) **10 May/mai 1997 (10.05.1997)** (33) GB
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61F 13/02, 13/00**
 (54) ● EXTENSION INDICATORS
 ● DISPOSITIFS INDICATEURS D'EXTENSION
 (71) **SMITH & NEPHEW PLC** [GB/GB]; 2 Temple Place, Victoria Embankment, London WC2R 3BP (GB).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **AGER, Colin** [GB/GB]; 25 Bentley Road, Cambridge CB2 2AW (GB). **NAIMAN, Alaric** [US/US]; 1 Moccasin Hill, Lincoln, MA 01773 (US). **PRIEST, Mark** [GB/GB]; 21 Park Lane, Histon, Cambridge CB4 4JJ (GB). **JONES, Tim** [GB/GB]; 64 Hertford Street, Cambridge CB4 3AQ (GB). **SCARFE, Julian** [GB/GB]; 15 Manhattan Drive, Cambridge CB4 1JL (GB). **COLBY, Edward** [GB/GB]; 23b North Street, Bishops Stortford, Hertfordshire CM23 2LD (GB).
 (74) **SMITH & NEPHEW GROUP RESEARCH CENTRE**; Group Patents & Trade Marks, York Science Park, Heslington, York YO10 5DF (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 98/51248** (13) A1
 (21) PCT/IB98/00683
 (22) **8 May/mai 1998 (08.05.1998)**
 (25) en (26) en
 (31) 08/856,162 (32) **14 May/mai 1997 (14.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61F 13/15**
 (54) ● ABSORBENT ARTICLE COMPRISING TOUCH-SENSITIVE FRAGRANCE MEMBERS
 ● ARTICLE ABSORBANT COMPRENANT DES ELEMENTS PARFUMES REAGISSANT AU TOUCHER
 (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
 (72) **CUMMINGS, Theodore, Payne**; Apartment 1, 813 Elberon Avenue, Cincinnati, OH 45205 (US). **HASSE, Margaret, Henderson**; 501 Reily Road, Cincinnati, 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
 (11) **WO 98/51249** (13) A1
 (21) PCT/NL98/00275
 (22) **15 May/mai 1998 (15.05.1998)**
 (25) nl (26) en
 (31) 1006065 (32) **15 May/mai 1997 (15.05.1997)** (33) NL
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61F 13/15**
 (54) ● SANITARY NAPKIN FOR TANGASLIP
 ● SERVIETTE HYGIENIQUE POUR SLIP TANGA
 (71, 72) **VAN DER MEULEN, Sandra, Renata** [NL/FR]; 6, boulevard du Plan des Abeilles, F-06230 Saint Jean Cap Ferrat (FR).
 (74) **DE BRULJN, Leendert, C.** et al. / etc.; Nederlands 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
 (11) **WO 98/51250** (13) A1
 (21) PCT/US98/09475
 (22) **9 May/mai 1998 (09.05.1998)**
 (25) en (26) en
 (31) 60/046,480 (32) **14 May/mai 1997 (14.05.1997)** (33) US
 (31) 60/046,701 (32) **14 May/mai 1997 (14.05.1997)** (33) US
 (31) 09/047,778 (32) **25 Mar/mar 1998 (25.03.1998)** (33) US
 (31) 60/079,657 (32) **27 Mar/mar 1998 (27.03.1998)** (33) US
 (31) 09/072,172 (32) **5 May/mai 1998 (05.05.1998)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61F 13/15, B32B 27/12, D04H 1/54, D21H 15/10**
 (54) ● STABILIZED ABSORBENT MATERIAL AND SYSTEMS FOR PERSONAL CARE PRODUCTS HAVING CONTROLLED PLACEMENT OF VISCO-ELASTIC FLUIDS
 ● MATERIAU ABSORBANT STABILISE ET SYSTEMES POUR PRODUITS D'HYGIENE PERSONNELLE ASSURANT UNE DISTRIBUTION CONTROLLEE DE FLUIDES VISCOELASTIQUES.
 (71) **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 North Lake Street, Neenah, WI 54956 (US).
 (72) **BURNES, Andrew, Scott**; 121 Chantilly Lane, Lawrenceville, GA 30245 (US). **DILNIK, Rebecca, Lynn**; 9027 North Oakwood Avenue, Neenah, WI 54956 (US). **HETZLER, Connie, Lynn**; 20 Boulder Ridge Crossing, Sparta, NJ 07871 (US). **JORGENSEN, Thomas, Patrick**; 1224 Tullar Road, Neenah, WI 54956 (US). **MACE, Tamara, Lee**; 3388 Colquitt Drive, Doraville, GA 30340 (US). **MATELA, David, Michael**; 4018 Calibre Creek Parkway, Roswell, GA 30076 (US). **NELSON, Jayne, Bramstedt**; 331 Brantwood Drive, Neenah, WI 54956 (US). **SAWYER, Lawrence, Howell**; 245 Spearfield Trace, Roswell, GA 30075 (US). **SCHMIDT-FOERST, Alexander, Manfred**; 1404 North Superior Street, Appleton, WI 54911 (US). **SOREBO, Heather, Anne**; 2922 Glen Park Drive, Appleton, WI 54914 (US). **SPIERS, James, Allyn**; 1505 Heritage Cove, Acworth, GA 30102 (US). **WALKER, Laura, Jane**; 2126 Cloudbury Court, Appleton, WI 54914 (US). **ABBA, Rodney, Lawrence**; 3645 Shangrila Point, Oshkosh, WI 54904-9508 (US). **CHAPPELL, Charles, John**; W6781 Fire Lane 5, Menasha, WI 54952 (US). **FINCH, Valerie, Victoria**; 2052 Henry Street, Neenah, WI 54956 (US). **GIENCKE, Ann, Marie**; Apartment 17, 1325 Lucerne Drive, Menasha, WI 54952 (US). **KOTTEK, Michael, Brent**; 516 Emerson Street, Neenah, WI 54956 (US). **KRUEGER, Allan, James**; 604 Twin Harbor Drive, Winneconne, WI 54986 (US). **LAKE, Andrew, Michael**; 501 Jerelyn Court, Combined Locks, WI 54113 (US). **LEE, Mee, Wha**; 911 East Atlantic Street, Appleton, WI 54911 (US). **LONG-RADLOFF, Sarah, Elizabeth**; 1628 W. Packard Street, Appleton, WI 54914 (US). **NELSEN, Janice, Gall**; 128 Pine Court, Appleton, WI 54915 (US). **VANEVENHOVEN, Ann, Margaret**; Apartment 319, 415 South Olde Oneida, Appleton, WI 54911 (US). **KOLLIN, Nancy, Donaldson**; 315 Woodchuck Court, Roswell, GA 30076 (US). **LEACH, Crystal, Suthphim**; 2214 Peachtree Road #B-5, Atlanta, GA 30309 (US). **LINDON, Jack, Nelson**; 14810 East Bluff Road, Alpharetta, GA 30201 (US). **WOLTMAN, Garry, Roland**; 1207 Meadow Lane, Neenah, WI 54956 (US).
 (74) **ROBINSON, James, B.** et al. / etc.; Kimberly-Clark Worldwide, Inc., 401 North Lake Street, Neenah, WI 54956 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
 (11) **WO 98/51251** (13) A1
 (21) PCT/US98/09682
 (22) **12 May/mai 1998 (12.05.1998)**
 (25) en (26) en
 (31) 60/046,395 (32) **13 May/mai 1997 (13.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61F 13/15**
 (54) ● RETICULATED ABSORBENT COMPOSITE
 ● COMPOSITE ABSORBANT RETICULE
 (71) **WEYERHAEUSER COMPANY** [US/US]; 33663 Weyerhaeuser Way South, Federal Way, WA 98003 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **GRAEF, Peter, A.** [US/US]; 13712 - 116th Street, Court East, Puyallup, WA 98374 (US). **HOWARD, Fred, B.** [US/US]; 15050 Starr Road East, Olalla, WA 98359 (US).
 (74) **RENZONI, George, E.**; Christensen O'Connor Johnson & Kindness PLLC, Suite 2800, 1420 Fifth Avenue, Seattle, WA 98101 (US).

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

(11) **WO 98/51252** (13) A1

(21) PCT/US98/09881

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

(25) en (26) en

(31) 08/855,651 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61F 13/15**

(54) ● FLANGELESS SEAM FOR USE IN DISPOSABLE ARTICLES
● JONCTION SANS REBORD UTILE POUR DES ARTICLES JETABLES

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

(72) **JOHNSON, Larry, Kenneth**; 6405-2 Clough Pike, Cincinnati, OH 45244 (US). **LANGE, Stephen, Joseph**; 7997 Pine Meadow Lane, Cincinnati, OH 45224 (US). **WEIRICH, David, Michael**; 8287 Grey Fox 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) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/51253** (13) A1

(21) PCT/SE98/00576

(22) **27 Mar/mar 1998 (27.03.1998)**

(25) sv (26) en

(31) 9701754-5 (32) **12 May/mai 1997 (12.05.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61G 1/003, 1/044, 7/10**

(54) ● METHOD AND ARRANGEMENT FOR LIFTING
● PROCEDE ET DISPOSITIF DE LEVAGE

(71) **LIKO AB** [SE/SE]; Nedre vägen 100, S-975 92 Luleå (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LILJEDAHL, Gunnar** [SE/SE]; Pellvägen 4, S-975 93 Luleå (SE).

(74) **BILLBERG, Hans** et al. / etc.; Axel Ehner's Patentbyrå AB, P.O. Box 10316, S-100 55 Stockholm (SE).

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

Published / Publiée : (a)

(11) **WO 98/51254** (13) A1

(21) PCT/SE98/00886

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

(25) sv (26) en

(31) 9701806-3 (32) **13 May/mai 1997 (13.05.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61G 5/10, B60B 21/02**

(54) ● DEVICE FOR A WHEELCHAIR
● DISPOSITIF DESTINE A UN FAUTEUIL ROULANT

(71) **DESIGN KONSTRUKTIONER I BROARYD AB** [SE/SE]; Lanerydsvägen, S-314 00 Hyltebruk (SE).

(72) **JACOBSON, Magnus**; Gryteryd, S-333 92 Broaryd (SE).

(74) **CEGUMARK AB**; P.O. Box 53047, S-400 14 Göteborg (SE).

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

(11) **WO 98/51255** (13) A1

(21) PCT/JP98/02140

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

(25) ja (26) ja

(31) 9/126073 (32) **15 May/mai 1997 (15.05.1997)** (33) JP

(31) 9/256858 (32) **22 Sep/sep 1997 (22.09.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61H 23/02**

(54) ● ULTRASONIC DEVICE
● DISPOSITIF A ULTRASONS

(71) **MATSUSHITA ELECTRIC WORKS, LTD.** [JP/JP]; 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AKISADA, Shosuke** [JP/JP]; 23-431, Kiyotaki-Nakamachi, Shijonawate-shi, Osaka 575-0061 (JP). **INOUE, Hiromitsu** [JP/JP]; 17-1, Koaza-Myohojii, Shimokoma, Seika-cho, Soraku-gun, Kyoto 619-0245 (JP). **ABE, Hideaki** [JP/JP]; 11-20, Suehiro-cho, Neyagawa-shi, Osaka 572-0009 (JP). **KAWAI, Kojo** [JP/JP]; 34-14, Narita-Higashigaoka, Neyagawa-shi, Osaka 572-0002 (JP). **MUTO, Motoharu** [JP/JP]; Kamiji-Shoseiryō, 4-1-25, Kamiji, Higashinari-ku, Osaka-shi, Osaka 573-0003 (JP). **HAYASHI, Masayuki** [JP/JP]; 3749-32, Hinatsu-cho, Hikone-shi, Shiga 522-0047 (JP). **NISHIMURA, Shinji** [JP/JP]; Room 35, Daisan-Shofukuso, 435, Hirakata-cho, Hikone-shi, Shiga 522-0041 (JP). **SAIDA, Itaru** [JP/JP]; Room 21, Daisan-Shofukuso, 435, Hirata-cho, Hikone-shi, Shiga 522-0041 (JP).

(74) **NISHIKAWA, Yoshikiyo** et al. / etc.; Umeda-Daiichiseimei Building, 5th floor, 12-17, Umeda 1-chome, Kita-ku, Osaka-shi, Osaka 530-0001 (JP).

(81) CN DE JP KR US.

(11) **WO 98/51256** (13) A1

(21) PCT/EP98/02497

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

(25) de (26) de

(31) 197 19 421.4 (32) **12 May/mai 1997 (12.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61H 39/08, B21G 1/00**

(54) ● METHOD FOR PRODUCING ACUPUNCTURE NEEDLES, NEEDLES PRODUCED ACCORDING TO SAID METHOD AND DEVICE FOR CARRYING OUT SAID METHOD
● PROCEDE DE PRODUCTION D'AIGUILLES D'ACUPUNCTURE, AIGUILLES OBTENUES A L'AIDE DUDIT PROCEDE ET DISPOSITIF PERMETTANT DE METTRE LEDIT PROCEDE EN OEUVRE

(71) **ASIA-MED GESELLSCHAFT FÜR AKUPUNKTURBEDARF MBH** [DE/DE]; Brunnensstrasse 11, D-61194 Niddatal (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SPERLING, Friedrich** [DE/DE]; Scheidter Strasse 144, D-66123 Saarbrücken (DE). **FA-TEHPOUR, Edison** [DE/DE]; Eschenweg 10, D-56075 Koblenz (DE).

(74) **JOCHEM, Bernd**; Staufenstrasse 36, D-60323 Frankfurt am Main (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 98/51257** (13) A1

(21) PCT/IT98/00072

(22) **30 Mar/mar 1998 (30.03.1998)**

(25) en (26) en

(31) CA97A000014 (32) **9 May/mai 1997 (09.05.1997)** (33) IT

(31) CA97U000003 (32) **12 Jun/juin 1997 (12.06.1997)** (33) IT

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61J 1/00, A45C 11/00**

(54) ● A MULTI-CONTAINER DEVICE FOR THE POCKET TRANSPORT OF ANTI-ALLERGIC MEDICINE
● DISPOSITIF A PLUSIEURS RECEPTACLES PERMETTANT DE TRANSPORTER SUR SOI UN MEDICAMENT ANTI-ALLERGIQUE

(71, 72) **VARGIU, Paolo** [IT/IT]; Via Grazia Deledda, 21 B, I-09048 Sinnai (IT).

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

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

(11) **WO 98/51258** (13) A1

(21) PCT/US98/09591

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 08/855,893 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61J 1/00, A61F 17/00**

- (54) ● A METHOD AND DEVICE FOR ORGANIZING AND COORDINATING THE COMBINED USE OF TOPICAL AEROSOLS FOR THE TREATMENT OF RESPIRATORY DISORDERS
- PROCEDE ET DISPOSITIF PERMETTANT D'ORGANISER ET DE COORDONNER L'UTILISATION COMBINEE D'AEROSOLS LOCAUX POUR LE TRAITEMENT DES TROUBLES RESPIRATOIRES
- (71, 72) **WEINSTEIN, Robert, E.** [US/US]; 177 Commonwealth Avenue, Boston, MA 02116 (US). **WEINSTEIN, Allan, M.** [US/US]; 9205 Pegasus Court, Potomac, MD 20854 (US).
- (74) **SCHNELLER, John, W.** et al. / etc.; Spencer & Frank, Suite 300 East, 1100 New York Avenue, N.W., Washington, DC 20005-3955 (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 MN MW MX 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 98/51259** (13) A1
- (21) PCT/US98/09028
- (22) **7 May/mai 1998 (07.05.1998)**
- (25) en (26) en
- (31) 60/046,736 (32) **16 May/mai 1997 (16.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A61J 7/00, A47G 21/18**
- (54) ● FLOW CONTROLLER CONFIGURATIONS FOR AN ACTIVE AGENT DELIVERY DEVICE
- CONFIGURATIONS DE REGLAGE DU DEBIT POUR DISPOSITIF D'ADMINISTRATION D'AGENT ACTIF
- (71) **ALZA CORPORATION** [US/US]; 950 Page Mill Road, P.O. Box 10950, Palo Alto, CA 94303-0802 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WONG, Patrick, S.-L.** [US/US]; 1533 Burlingame Avenue, Burlingame, CA 94010 (US). **FERRARI, Vincent, J.** [US/US]; 161 Trimaran Court, Foster City, CA 94404 (US). **ETTER, Jeffrey, W.** [US/US]; 21103 Gary Drive #305, Castro Valley, CA 94546 (US). **MARTIN, Miriam, A.** [US/US]; 1545 Wistaria Lane, Los Altos, CA 94024 (US). **ROTH, Nathan** [US/US]; 1436 Kearney Street, San Francisco, CA 94133 (US). **OHMS, Christopher, M., G.** [US/US]; 4251 George Avenue #4, San Mateo, CA 94403 (US). **POUTIA-TINE, Andrew, I.** [US/US]; 773 Harvard Avenue, Menlo Park, CA 94025 (US). **HORVATH, James, W.** [US/US]; 1627 Husted Avenue, San Jose, CA 95125 (US).
- (74) **DHUEY, John, A.** et al. / etc.; Alza Corporation, 950 Page Mill Road, P.O. Box 10950, Palo Alto, CA 94303-0802 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51260** (13) A2
- (21) PCT/US98/10057
- (22) **14 May/mai 1998 (14.05.1998)**
- (25) en (26) en
- (31) 60/046,430 (32) **14 May/mai 1997 (14.05.1997)** (33) US
- (31) 60/059,420 (32) **31 Jul/juil 1997 (31.07.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A61K**
- (54) ● USE OF D-ARGININE AND/OR L-ARGININE TO PROTECT THE AMINO GROUPS OF BIOLOGICAL SUBSTANCES FROM DAMAGE, INACTIVATION, OR MODIFICATION BY TOXIC CARBONYLS AND/OR DICARBONYLS
- UTILISATION DE D-ARGININE ET/OU DE L-ARGININE POUR PROTEGER LES GROUPE AMINO DE SUBSTANCES BIOLOGIQUES CONTRE LES DOMMAGES, L'INACTIVATION OU LA MODIFICATION PROVOQUEES PAR DES CARBONYLES ET/OU DICARBONYLES TOXIQUES
- (71) **REDOX, INC.** [US/US]; 296 Audubon Boulevard, New Orleans, LA 70125 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HAIK, George, M., Jr.** [US/US]; 71 Audubon Boulevard, New Orleans, LA 70118 (US).
- (74) **NEHRBASS, Seth, M.**; Pravel, Hewitt, Kimball & Krieger, 10th floor, 1177 West Loop South, Houston, TX 77027 (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 98/51261** (13) A1
- (21) PCT/IB98/00753
- (22) **18 May/mai 1998 (18.05.1998)**
- (25) en (26) en
- (31) 08/858,071 (32) **16 May/mai 1997 (16.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A61K 7/00, C08F 291/00**
- (54) ● PERSONAL CARE COMPOSITIONS CONTAINING GRAFT POLYMERS
- COMPOSITIONS POUR SOINS D'HYGIENE PERSONNELLE CONTENANT DES POLYMERES GREFFES
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) **MIDHA, Sanjeev**; Apartment 2D, 9274 Deer-cross Parkway, Blue Ash, OH 45236 (US). **NI-JAKOWSKI, Timothy, Roy**; Apartment 15, 4003 Sharon Park Lane, Cincinnati, OH 45241 (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).
- Published / Publiée : (c)
- (11) **WO 98/51262** (13) A2
- (21) PCT/US98/09924
- (22) **15 May/mai 1998 (15.05.1998)**
- (25) en (26) en
- (31) 08/857,152 (32) **16 May/mai 1997 (16.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A61K 7/00**
- (54) ● GELLED FRAGRANCE COMPOSITION
- COMPOSITION PARFUMEE GELIFIEE
- (63) US 08/857,152 (CIP)
16 May/mai 1997 (16.05.1997)
- (71) **WEBCRAFT TECHNOLOGIES, INC.** [US/US]; Princeton Pike Corporation Center, Building 2, Suite 116, 993 Lenox Drive, Lawrenceville, NJ 08648 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GILLISPIE, Michele** [US/US]; 37 Van Tines Lane, Old Bridge, NJ 08857 (US). **DOZIER, Bill** [US/US]; 1014 Main Avenue, Croydon, PA 19021 (US). **TARARUJ, Chris** [US/US]; 1151 Hughes Drive, Hamilton, NJ 08690 (US). **CHAO, Hung, Ya** [US/US]; 25 Westwinds Drive, Princeton Junction, NJ 08550 (US). **PARROTTA, Michael, A.** [US/US]; 3 Jennifer Lane, Churchville, PA 18966 (US).
- (74) **KILYK, John, Jr.** et al. / etc.; Leydig, Voit & Mayer, Ltd., Suite 4900, Two Prudential Plaza, 180 North Stetson, Chicago, IL 60601-6780 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51263** (13) A1
- (21) PCT/US98/10054
- (22) **13 May/mai 1998 (13.05.1998)**
- (25) en (26) en
- (31) 08/856,621 (32) **13 May/mai 1997 (13.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A61K 7/021**
- (54) ● COSMETIC COMPOSITIONS CONTAINING A COFFEE EXTRACT PIGMENT
- COMPOSITIONS COSMETIQUES CONTENANT UN PIGMENT SOUS FORME D'EXTRAIT DE CAFE
- (71) **E-L MANAGEMENT CORPORATION** [US/US]; 767 Fifth Avenue, New York, NY 10153 (US).

- (72) **ROMAN, Frank**; 71 Willow Street, Garden City, NY 11530 (US).
- (74) **FLINTOFF, Gerald, J.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (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 98/51264** (13) A1
- (21) PCT/EP98/02351
- (22) **21 Apr/avr 1998 (21.04.1998)**
- (25) de (26) de
- (31) 197 20 366.3 (32) **15 May/mai 1997 (15.05.1997)** (33) DE
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A61K 7/06**
- (54) ● HAIR SHAMPOO HAVING GLOSS-ENHANCING PROPERTIES
● SHAMPOING CAPILLAIRE A PROPRIETES RENFORÇANT LA BRILLANCE
- (71) **WELLA AKTIENGESSELLSCHAFT** [DE/DE]; Berliner Allee 65, D-64274 Darmstadt (DE).
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- (72, 75) **HÖLZEL, Hans** [DE/DE]; Jahnstrasse 9, D-64407 Fränkisch-Crumbach (DE). **HANNICH, Manuela** [DE/DE]; Am Gaensborn 17, D-65239 Hochheim (DE). **SCHÄFER, Gisela** [DE/DE]; Am Erlenberg 31, D-64354 Reinheim (DE).
- (74) **WELLA AKTIENGESSELLSCHAFT**; Berliner Allee 65, D-64274 Darmstadt (DE).
- (81) BR JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/51265** (13) A1
- (21) PCT/US97/19338
- (22) **27 Oct/oct 1997 (27.10.1997)**
- (25) en (26) en
- (31) 08/857,530 (32) **16 May/mai 1997 (16.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A61K 7/06**
- (54) ● COMPOSITION FOR TREATING HAIR
● COMPOSITION POUR TRAITEMENT CAPILLAIRE
- (71) **L'OREAL S.A.** [FR/FR]; 14, rue Royale, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CANNELL, David** [US/US]; Apartment 12F, 220 East 73rd Street, New York, 10021 (US). **NGUYEN, Nghi** [US/US]; 63 Hawthorn Drive, Edison, NJ 08820 (US).
- (74) **SCHEINFELD, Robert, C.**; Brumbaugh, Graves, Donohue & Raymond, 30 Rockefeller Plaza, New York, NY 10112 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/51266** (13) A1
- (21) PCT/US98/05318
- (22) **18 Mar/mar 1998 (18.03.1998)**
- (25) en (26) en
- (31) 08/857,954 (32) **16 May/mai 1997 (16.05.1997)** (33) US
- (31) 09/034,574 (32) **4 Mar/mar 1998 (04.03.1998)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A61K 7/11, 9/12, 31/78, C08F 218/08, 218/14, 222/16, 2/20**
- (54) ● FIXATIVE POLYMERS
● POLYMERES FIXATEURS
- (71) **ISP INVESTMENTS INC.** [US/US]; 818 Washington Street, Wilmington, DE 19801 (US).
- (72) **CHUANG, Jui-Chang**; 110 Overlook Avenue, Wayne, NJ 07470 (US). **WALLS, Edward, Jr.**; 7 Roger Avenue, Cranford, NJ 07016 (US). **SHIH, Jenn, S.**; 255 Washington Place, Paramus, NJ 07652 (US). **BISS, Russell, B.**; 45 Valhalla Way, Wayne, NJ 07470 (US).
- (74) **MAUE, Marilyn, J.** et al. / etc.; International Specialty Products, Legal Dept., Building 10, 1361 Alps Road, Wayne, NJ 07470 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51267** (13) A1
- (21) PCT/EP98/02595
- (22) **2 May/mai 1998 (02.05.1998)**
- (25) de (26) de
- (31) 197 19 504.0 (32) **12 May/mai 1997 (12.05.1997)** (33) DE
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A61K 7/13**
- (54) ● METHOD FOR PRODUCING HAIR DYE PRODUCTS
● PROCEDE POUR PRODUIRE DES COLO-RANTS CAPILLAIRES
- (71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, D-40589 Düsseldorf (DE). **GOLDWELL GMBH** [DE/DE]; Zerninstrasse 10 - 18, D-64297 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PITFIELD, Adrian** [GB/DE]; Drosselweg 35, D-64753 Brombachtal (DE). **KAHRE, Jörg** [DE/DE]; Am Treppchen 8, D-42799 Leichlingen (DE). **BUSCH, Peter** [DE/DE]; Gottfried-August-Bürger-Strasse 10, D-40699 Erkrath (DE). **FÖRSTER, Thomas** [DE/DE]; Adalbert-Stifter-Strasse 15, D-40699 Erkrath (DE). **HENSEN, Hermann** [DE/DE]; Rathmacherweg 13, D-42781 Haan (DE). **TESMANN, Holger** [DE/DE]; Unter den Linden 23, D-41363 Jüchen (DE). **SUMSER, Markus** [DE/DE]; Am Dünkelbruch 50, D-44625 Herne (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 98/51268** (13) A1
- (21) PCT/FR98/00619
- (22) **26 Mar/mar 1998 (26.03.1998)**
- (25) fr (26) fr
- (31) 97/05843 (32) **13 May/mai 1997 (13.05.1997)** (33) FR
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A61K 7/13**
- (54) ● COMPOSITION FOR DYEING KERATIN FIBRES COMPRISING A PYRAZOLIN-4,5-DIONE AND AN AROMATIC PRIMARY AMINE
● COMPOSITION DE TEINTURE DES FIBRES KERATINIQUES CONTENANT UNE PYRAZOLIN-4,5-DIONE ET UNE AMINE PRIMAIRE AROMATIQUE
- (71) **L'OREAL** [FR/FR]; 14, rue Royale, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VIDAL, Laurent** [FR/FR]; 7, rue de Rungis, F-75013 Paris (FR). **MALLE, Gérard** [FR/FR]; 18, Grande Rue, F-77580 Villiers Sur Morin-France (FR). **MAUBRU, Mireille** [FR/FR]; 7, avenue d'Eprenesnil, F-78400 Chatou (FR).
- (74) **MISZPUTEN, Laurent**; L'Oréal - DPI, 90, rue du Général Roguet, F-92583 Clichy Cedex (FR).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; 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 98/51269** (13) A1
- (21) PCT/US98/07097
- (22) **9 Apr/avr 1998 (09.04.1998)**
- (25) en (26) en
- (31) 08/857,632 (32) **16 May/mai 1997 (16.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A61K 7/13**
- (54) ● DYEING HAIR WITH MELANIN PRECURSORS IN THE PRESENCE OF IODATE AND PEROXIDE
● TEINTURE DES CHEVEUX A L'AIDE DE PRECURSEURS DE LA MELANINE EN PRESENCE D'IODATE ET DE PEROXYDE
- (71) **BRISTOL-MYERS SQUIBB COMPANY** [US/US]; 345 Park Avenue, New York, NY 10154 (US).
- (72) **WENKE, Gottfried**; 6 Cow Path Lane, Woodbridge, CT 06902 (US). **PROTA, Giuseppe**; Via Giacchimo Toma, 6, I-80127 Naples (IT).
- (74) **ZELLER, Charles, J.**; Bristol-Myers Squibb Company, 2 Blachley Road, Stamford, CT 06922 (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 98/51270** (13) A1
- (21) PCT/US98/08579
- (22) **30 Apr/avr 1998 (30.04.1998)**

- (25) en (26) en
- (31) 08/854,504 (32) **12 May/mai 1997** (33) US (12.05.1997)
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A61K 7/16**
- (54) ● STRIPED DENTIFRICE STABLE TO COLOR BLEEDING
● DENTIFRICE A BANDES DE COULEUR STABILISE POUR EVITER L'ETALEMENT DES COULEURS
- (71) **COLGATE-PALMOLIVE COMPANY** [US/US]; 300 Park Avenue, New York, NY 10022 (US).
- (72) **WONG, Michael**; 12B Lincoln Place, North Brunswick, NJ 08902 (US). **PRENCIPE, Michael**; 39 Spruce Street, West Windsor, NJ 08550 (US). **MILLER, Jeffrey, M.**; 145 Marsh Avenue, Sayreville, NJ 08872 (US). **BENZ, Claude, L.**; 25 Strawberry Lane, R.D. #1, Belle Mead, NJ 08520 (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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/51271** (13) A1
- (21) PCT/US98/09404
- (22) **7 May/mai 1998** (07.05.1998)
- (25) en (26) en
- (31) 08/856,265 (32) **14 May/mai 1997** (33) US (14.05.1997)
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A61K 7/16, 7/26**
- (54) ● DESENSITIZING DENTIFRICE HAVING LIMITED ASTRINGENCY
● DENTIFRICE DESENSIBILISATEUR A ASTRINGENCE LIMITEE
- (71) **COLGATE-PALMOLIVE COMPANY** [US/US]; 300 Park Avenue, New York, NY 10022 (US).
- (72) **FISHER, Steven, W.**; 321 Decatur Avenue, Middlesex, NJ 08846 (US). **TAVSS, Edward, A.**; 17 Kathy Street, Kendall Park, NJ 08824 (US). **JOZIAK, Marilou, T.**; 211 Willett Avenue, South River, NJ 08882 (US). **GAMBOGI, Robert, J.**; 5 Manor Drive, Belle Mead, NJ 08502 (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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/51272** (13) A1
- (21) PCT/US98/09156
- (22) **8 May/mai 1998** (08.05.1998)
- (25) en (26) en
- (31) 08/856,771 (32) **15 May/mai 1997** (33) US (15.05.1997)
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A61K 7/32**
- (54) ● ANTIPERSPIRANT CREAM COMPOSITIONS WITH IMPROVED DRY SKIN FEEL
● COMPOSITIONS DE CREME ANTISUDORIFIQUE A SENSATION SECHE
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) **HILVERT, Jennifer, Elaine**; 5471 Cannas Drive, Cincinnati, OH 45238 (US). **PUTMAN, Christine, Marie**; 6747 San Mateo Drive, West Chester, OH 45069 (US). **SWAILE, David, Frederick**; 2797 Ridgewood Avenue, Cincinnati, OH 45213 (US).
- (74) **REED, T. David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).
- (81) AU BR CA CN 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 98/51273** (13) A1
- (21) PCT/US98/09753
- (22) **12 May/mai 1998** (12.05.1998)
- (25) en (26) en
- (31) 60/046,287 (32) **12 May/mai 1997** (33) US (12.05.1997)
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A61K 7/40**
- (54) ● TOPICAL SPRAY FOR BURN TREATMENT AND ANTI-INFECTION
● VAPORISATEUR A USAGE TOPIQUE POUR LE TRAITEMENT DES BRULURES ET DES INFECTIONS
- (63) US 60/046,287 (CIP)
12 May/mai 1997 (12.05.1997)
- (71) **SAGE PHARMACEUTICALS, INC.** [US/US]; 5408 Interstate Avenue, Shreveport, LA 71109 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHEN, Jivn-Ren** [US/US]; 7614 Brook Haven Way, Shreveport, LA 71105 (US).
- (74) **CHAN, Albert, Wai-Kit**; Cooper & Dunham LLP, 1185 Avenue of the Americas, New York, NY 10036 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB 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 98/51274** (13) A1
- (21) PCT/EP98/02454
- (22) **11 May/mai 1998** (11.05.1998)
- (25) en (26) en
- (31) 08/853,841 (32) **9 May/mai 1997** (33) US (09.05.1997)
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A61K 7/48, 7/42**
- (54) ● COSMETIC SKIN CONDITIONING COMPOSITIONS
● COMPOSITIONS DE CREMES COSMETIQUES REVITALISANTES
- (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) **GUERRERO, Angel, Augusto**; 6 Clai Drive, Huntington, CT 06484 (US). **COREY, Joseph, Michael**; 108 Holly Street, Waterbury, CT 06706 (US).
- (74) **ROTS, Maria, Johanna, Francisca**; 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 98/51275** (13) A1
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- (22) **2 May/mai 1998** (02.05.1998)
- (25) de (26) de
- (31) 197 19 856.2 (32) **12 May/mai 1997** (33) DE (12.05.1997)
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A61K 7/48**
- (54) ● SKIN CARE PRODUCTS
● PRODUITS POUR LE SOIN DE LA PEAU
- (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) **MUNK, Gabriele** [DE/DE]; Seidenweg 35, D-40593 Düsseldorf (DE). **WALDMANN-LAUE, Marianne** [DE/DE]; Mozartstrasse 25, D-40789 Monheim (DE). **BORDAT, Pascal** [FR/DE]; Willbecker Strasse 109, D-40699 Erkrath (DE). **JASSOY, Claudia** [DE/DE]; Rosmarinstrasse 12 e, D-40235 Düsseldorf (DE).
- (81) CA CN CZ HU JP NO 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 98/51276** (13) A1
- (21) PCT/US98/09673
- (22) **11 May/mai 1998** (11.05.1998)

- (25) en (26) en
- (31) 08/854,513 (32) **12 May/mai 1997** (33) US (12.05.1997)
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A61K 7/48**
- (54) ● PERSONAL CARE COMPOSITIONS CONTAINING TOUGHENED GRAFTED POLYMERS
● COMPOSITIONS DE SOIN PERSONNEL CONTENANT DES POLYMERES GREFFES RENFORCES
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) **MIDHA, Sanjeev**; Apartment 2D, 9274 Deercross Parkway, Blue Ash, OH 45236 (US). **NI-JAKOWSKI, Timothy, Roy**; Apartment 15, 4003 Sharon Park Lane, Cincinnati, OH 45241 (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 98/51277** (13) A1
- (21) PCT/US98/09729
- (22) **13 May/mai 1998** (13.05.1998)
- (25) en (26) en
- (31) 60/046,343 (32) **13 May/mai 1997** (33) US (13.05.1997)
- (31) 60/080,695 (32) **3 Apr/avr 1998** (33) US (03.04.1998)
- (31) 09/076,374 (32) **12 May/mai 1998** (33) US (12.05.1998)
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A61K 7/48, 31/22**
- (54) ● MEDICAL USES OF PYRUVATES
● UTILISATIONS MEDICALES DES PYRUVATES
- (71) **CASE WESTERN RESERVE UNIVERSITY** [US/US]; 10900 Euclid Avenue, Cleveland, OH 44106 (US).
- (72) **BRUNENGRABER, Henri**; 16700 South Woodland, Shaker Heights, OH 44120 (US). **BOMONT, Catherine**; 193 Spruce Mill Lane, Scotch Plains, NJ 07076 (US). **DAVID, France**; 19826 Van Aken Boulevard, Shaker Heights, OH 44122 (US). **HALLOWELL, Peter, T.**; 1097 Pennfield, Cleveland Heights, OH 44121 (US). **COOPER, Kevin, D.**; 55 Quail Hollow Drive, Moreland Hills, OH 44022 (US). **KASOUMOV, Takhar**; 1898 East 123rd Street #3, Cleveland, OH 44106 (US).
- (74) **MINNICH, Richard, J.**; Fay, Sharpe, Beall, Fagan, Minnich & McKee, 7th floor, 1100 Superior Avenue, Cleveland, OH 44114-2518 (US).
- (81) AL AU BA BB BG BR CA CN CU CZ EE GE GH GM 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).
- (11) **WO 98/51278** (13) A2
- (21) PCT/CA98/00485
- (22) **14 May/mai 1998** (14.05.1998)
- (25) en (26) en
- (31) 08/856,374 (32) **14 May/mai 1997** (33) US (14.05.1997)
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A61K 9/00**
- (54) ● HIGH EFFICIENCY ENCAPSULATION OF CHARGED THERAPEUTIC AGENTS IN LIPID VESICLES
● ENCAPSULATION HAUTEMENT EFFICACE D'AGENTS THERAPEUTIQUES CHARGES DANS DES VESICULES LIPIDIQUES
- (71) **INEX PHARMACEUTICALS CORPORATION** [CA/CA]; 100-8900 Glenlyon Parkway, Burnaby, British Columbia V5J 5J8 (CA).
- (72) **SEMPLE, Sean, C.**; 301-2880 Oak Street, Vancouver, British Columbia V6H 2K5 (CA). **KLIMUK, Sandra, K.**; 3330 Chesterfield Avenue, N. Vancouver, British Columbia V7N 3N1 (CA). **HARASYM, Troy**; 128 East 20th Avenue, Vancouver, British Columbia V6V 1L9 (CA). **HOPE, Michael, J.**; 3550 West 11th Avenue, Vancouver, British Columbia V6R 2K2 (CA). **ANSELL, Steven, M.**; 2738 West 22nd Avenue, Vancouver, British Columbia V6L 1M4 (CA). **CULLIS, Pieter**; 3732 W. 1st Avenue, Vancouver, British Columbia V6R 1H4 (CA). **SCHERRER, Peter**; 301-2664 Birch Street, Vancouver, British Columbia V6H 2T5 (CA). **DEBEYER, Dan**; Suite 108, 2250 West 3rd Avenue, Vancouver, British Columbia V6K 1L4 (CA).
- (74) **ROBINSON, J., Christopher**, et al. / etc.; Smart & Biggar, Suite 2200, 650 W. Georgia Street, P.O. 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- (11) **WO 98/51279** (13) A2
- (21) PCT/GB98/01403
- (22) **15 May/mai 1998** (15.05.1998)
- (25) en (26) en
- (31) 9709900.6 (32) **15 May/mai 1997** (33) GB (15.05.1997)
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A61K 9/00**
- (54) ● METHOD OF MAKING MICROENCAPSULATED DNA FOR VACCINATION AND GENE THERAPY
- PROCEDE DE FABRICATION D'ADN MICROENCAPSULE DESTINE A ETRE UTILISE EN VACCINATION ET EN THERAPIE GENIQUE
- (63) US 08/745,515 (CIP) 12 Nov/nov 1996 (12.11.1996)
- (71) **MICROBIOLOGICAL RESEARCH AUTHORITY** [GB/GB]; CAMR, Porton Down, Salisbury, Wiltshire SP4 0JG (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FARRAR, Graham, Henry** [GB/GB]; CAMR, Porton Down, Salisbury, Wiltshire SP4 0JG (GB). **JONES, David, Hugh** [GB/GB]; CAMR, Porton Down, Salisbury, Wiltshire SP4 0JG (GB). **CLEGG, James, Christopher, Stephen** [GB/GB]; CAMR, Porton Down, Salisbury, Wiltshire SP4 0JG (GB).
- (74) **SCHLICH, George, William**; Mathys & Squire, 100 Grays Inn Road, London WC1X 8AL (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).
- (11) **WO 98/51280** (13) A1
- (21) PCT/EP98/02846
- (22) **13 May/mai 1998** (13.05.1998)
- (25) en (26) en
- (31) MI97A001115 (32) **13 May/mai 1997** (33) IT (13.05.1997)
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A61K 9/06, 9/107**
- (54) ● BIPHASIC MULTICOMPONENT PHARMACEUTICAL DOSAGE FORMS CONTAINING SUBSTANCES ABLE TO MODIFY THE PARTITIONING OF DRUGS
● FORMES POSOLOGIQUES PHARMACEUTIQUES BIPHASEES, A MULTIPLES COMPOSANTS, CONTENANT DES SUBSTANCES PERMETTANT DE MODIFIER LA SEPARATION DES MEDICAMENTS
- (71) **VECTORPHARMA S.P.A.** [IT/IT]; Via del Follatoio, 12, I-34148 Trieste (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ESPOSITO, Pierandrea** [IT/IT]; Via Montona, 4, I-34145 Trieste (IT). **COCEANI, Nicoletta** [IT/IT]; Via Firmiano, 10, I-33043 Cividale (IT). **DEL CURTO, Maria, Dorly** [IT/IT]; Via Emilia, 1, I-27050 Torricella Verzate (IT). **CARLI, Fabio** [IT/IT]; Salita Cedassammare, 3/1, I-34136 Trieste (IT).
- (74) **GERVASI, Gemma**; Notarbartolo & Gervasi, Corso di Porta Vittoria, 9, I-20122 Milan (IT).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/51281** (13) A1
- (21) PCT/JP98/01998
- (22) **30 Apr/avr 1998** (30.04.1998)
- (25) ja (26) ja
- (31) 9/124166 (32) **14 May/mai 1997** (33) JP (14.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 9/10, 47/32, 47/38**

(54) ● AQUEOUS SUSPENSION PREPARATIONS WITH EXCELLENT REDISPERSIBILITY
● PREPARATIONS A BASE DE SUSPENSIONS AQUEUSES POSSEDANT D'EXCELLENTE PROPRIETES DE REDISPERSION

(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) **YASUEDA, Shin-ichi** [JP/JP]; 11-21, Nakayamadera 2-chome, Takarazuka-shi, Hyogo 665-0861 (JP). **MATSUHIRA, Keiichi** [JP/JP]; 708, Bessho, Bessho-cho, Himeji-shi, Hyogo 671-0221 (JP). **TERAYAMA, Hideo** [JP/JP]; B-606, 136-3, Kasugaoka 2-chome, Itami-shi, Hyogo 664-0893 (JP). **INADA, Katsuhiko** [JP/JP]; 3-401, 2-1, Ibukidaihigashimachi 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-2242 (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 98/51282** (13) A1

(21) PCT/US98/09570

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 60/046,379 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(31) 09/075,477 (32) **11 May/mai 1998 (11.05.1998)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 9/10**

(54) ● SOLID POROUS MATRICES AND METHODS OF MAKING AND USING THE SAME
● MATRICES POREUSES SOLIDES, LEUR PROCEDE DE FABRICATION ET LEUR UTILISATION

(71) **IMARX PHARMACEUTICAL CORP.** [US/US]; 1635 East 18th Street, Tucson, AZ 85749 (US).

(72) **UNGER, Evan, C.**; 13365 East Camino La Cebadilla, Tucson, AZ 85749 (US).

(74) **MILLER, Suzanne, E.** et al. / etc.; Woodcock Washburn Kurtz MacKiewicz & Norris, 46th floor, One Liberty Place, Philadelphia, PA 19103 (US).

(81) AU BR CA CN JP KR 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 98/51283** (13) A1

(21) PCT/IE98/00036

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

(25) en (26) en

(31) S970346 (32) **14 May/mai 1997 (14.05.1997)** (33) IE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 9/107, 45/06**

(54) ● TOPICAL COMPOSITIONS
● COMPOSITIONS TOPIQUES

(71) **GALEN (CHEMICALS) LIMITED** [IE/IE]; Belgard Road, Tallaght, Dublin 24 (IE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PASSMORE, Clare** [GB/GB]; 108 Malone Road, Belfast (GB). **GILLIGAN, Claire** [GB/GB]; 17 Orpen Park, Belfast (GB).

(74) **O'CONNELL, Maura** et al. / etc.; F. R. Kelly & Co., 9 University Street, Belfast BT7 1NA (GB).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ 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 98/51284** (13) A1

(21) PCT/US98/09569

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 60/046,379 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(31) 09/075,343 (32) **11 May/mai 1998 (11.05.1998)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 9/127, 9/133, 9/52**

(54) ● NOVEL ACOUSTICALLY ACTIVE DRUG DELIVERY SYSTEMS

● NOUVEAUX SYSTEMES D'ADMINISTRATION DE MEDICAMENTS ACTIVES PAR UN PROCEDE ACOUSTIQUE

(71) **IMARX PHARMACEUTICAL CORP.** [US/US]; 1635 East 18th Street, Tucson, AZ 85749 (US).

(72) **UNGER, Evan, C.**; 13365 East Camino La Cebadilla, Tucson, AZ 85749 (US).

(74) **MILLER, Suzanne, E.** et al. / etc.; Woodcock Washburn Kurtz MacKiewicz & Norris, 46th floor, One Liberty Place, Philadelphia, PA 19103 (US).

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

(11) **WO 98/51285** (13) A2

(21) PCT/US98/09974

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

(25) en (26) en

(31) 60/046,599 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 9/127, 48/00, C12N 15/88**

(54) ● CATIONIC AMPHIPHILE FORMULATIONS
● FORMULATIONS AMPHIPHILES CATIONIQUES

(71) **GENZYME CORPORATION** [US/US]; One Mountain Road, Framingham, MA 01701-9322 (US).

(72) **TOUSIGNANT, Jennifer, D.**; Apartment 3, 70 Spring Street, Cambridge, MA 02141 (US). **MARSHALL, John**; 45 West Walnut Street, Milford, MA 01757 (US). **EASTMAN, Simon, J.**; 13 Royal Crest Drive #10, Marlboro, MA 01752 (US).

(74) **GARRETT, Arthur, S.**; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (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 98/51286** (13) A1

(21) PCT/US98/10024

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

(25) en (26) en

(31) 60/046,566 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(31) 08/870,160 (32) **6 Jun/juin 1997 (06.06.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 9/14**

(54) ● USE OF AN ODORANT FOR TREATING HEADACHES

● UTILISATION D'UNE MATIERE ODO-RANTE POUR TRAITER LES CEPHALEES

(71, 72) **HIRSCH, Alan, R.** [US/US]; 180 E. Pearson #4702, Chicago, IL 60611 (US).

(74) **KEES, Nicholas, A.** et al. / etc.; Godfrey & Kahn, S.C., 780 North Water Street, 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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/51287** (13) A1

(21) PCT/US98/10052

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

(25) en (26) en

(31) 08/857,105 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 9/14, 9/58, 9/60, 9/62**

(54) ● PULSATILE DRUG DELIVERY SYSTEM

● SYSTEME D'ADMINISTRATION REPETEE DE MEDICAMENTS

(71, 72) **BAI, Jane, Pei-Fan** [-/US]; 4 Twin Turns Lane, Chadds Ford, PA 19317 (US).

(74) **POSILLICO, Joseph, F.** et al. / etc.; Synnvestvedt & Lechner LLP, 2600 Aramark Tower, 1101 Market Street, Philadelphia, PA 19107-2950 (US).

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

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(11) **WO 98/51288** (13) A1

(21) PCT/JP98/02063

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

(25) ja (26) ja

(31) 9/135752 (32) **12 May/mai 1997 (12.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 9/70**

- (54) ● PATCH PREPARATIONS FOR PERCUTANEOUS ABSORPTION
 ● PREPARATIONS DE PATCH DESTINEES A ETRE ABSORBEES PAR VOIE PERCUTANEE

(71) **TEIKOKU SEIYAKU CO., LTD.** [JP/JP]; 567, Sanbonmatsu, Ohchicho, Ohkawa-gun, Kagawa 769-2601 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAWAJI, Toshikuni** [JP/JP]; 136-104, Midono, Ohchicho, Ohkawa-gun, Kagawa 769-2517 (JP). **YAMAJI, Masahiro** [JP/JP]; Room 506, 1608-1, Sanbonmatsu, Ohchicho, Ohkawa-gun, Kagawa 769-2601 (JP).

(74) **KUSAMA, Osamu**; Iwata Building, 7th floor, 5-12, Iidabashi 4-chome, Chiyoda-ku, Tokyo 102-0072 (JP).

(81) AU CA US; EP (BE DE FR GB IT NL).

(11) **WO 98/51289** (13) A2

(21) PCT/US98/09773

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

(25) en (26) en

(31) 60/047,020 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 31/00**

- (54) ● MONOESTERS OF PROBUVOL FOR THE TREATMENT OF CARDIOVASCULAR AND INFLAMMATORY DISEASE
 ● MONOESTERS DE PROBUVOL DESTINEES AU TRAITEMENT DE TROUBLES CARDIOVASCULAIRES ET INFLAMMATOIRES

(71) **ATHEROGENICS, INC.** [US/US]; 3065 Northwoods Circle, Norcross, GA 30071 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **MEDFORD, Russell, M.** [US/US]; 7935 Fawndale Way, Atlanta, GA 30350 (US). **SOMERS, Patricia, K.** [US/US]; 1162 Chambord Way, Atlanta, GA 30319 (US).

(74) **KNOWLES, Sherry, M.**; King & Spalding, 191 Peachtree Street, Atlanta, GA 30303-1763 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE 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 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); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/51290** (13) A2

(21) PCT/US98/09991

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

(25) en (26) en

(31) 60/046,163 (32) **16 May/mai 1997 (16.05.1997)** (33) US(31) 60/046,683 (32) **16 May/mai 1997 (16.05.1997)** (33) US(31) 60/046,761 (32) **16 May/mai 1997 (16.05.1997)** (33) US(31) 60/053,462 (32) **23 Jul/juillet 1997 (23.07.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 31/00**

- (54) ● LOCAL ANESTHETIC FORMULATIONS

- FORMULATIONS ANESTHESIQUES LOCALES

(71) **CHILDREN'S MEDICAL CENTER CORPORATION** [US/US]; 300 Longwood Avenue, Boston, MA 02115 (US). **BRIGHAM AND WOMEN'S HOSPITAL, INC.** [US/US]; 75 Francis Street, Boston, MA 02115 (US).

(72) **KOHANE, Daniel, S.**; 41 Leslie Road, Newton, MA 02166 (US). **BERDE, Charles, B.**; 14 Doran Road, Brookline, MA 02146 (US). **STRICHARTZ, Gary, R.**; 49 Oldfield Drive, Sherborn, MA 01770 (US). **LANGER, Robert, S.**; 77 Lombard Street, Newton, MA 02158 (US).

(74) **PABST, Patrea, L.**; Arnall Golden & Gregory, LLP, 2800 One Atlantic Center, 1201 West Peachtree Street, Atlanta, GA 30309-3450 (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 98/51291** (13) A1

(21) PCT/BE98/00067

(22) **12 May/mai 1998 (12.05.1998)**

(25) fr (26) fr

(31) 9700415 (32) **13 May/mai 1997 (13.05.1997)** (33) BE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 31/12, 31/185, 31/37, 31/70, 35/78**

- (54) ● USE OF A PHARMACEUTICAL COMPOSITION FOR TREATING AND/OR PREVENTING ISCHEMIA
 ● UTILISATION D'UNE COMPOSITION PHARMACEUTIQUE DANS LE TRAITEMENT ET/OU LA PREVENTION DE L'ISCHEMIE

(71, 72) **REMACLE, José** [BE/BE]; Chemin des Pierres 14, B-5020 Malonne (BE).

(72, 75) **MICHIELS, Carine** [BE/BE]; Rue de la Christree, B-5190 Spy (BE).

(74) **VAN MALDEREN, Eric** et al. / etc.; Office Van Malderen, Place Reine Fabiola 6/1, B-1083 Bruxelles (BE).

(81) AL AU BA BB BG BR CA CN CU CZ DE DE (Utility model / modèle d'utilité) 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 98/51292** (13) A1

(21) PCT/US98/10105

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

(25) en (26) en

(31) 60/047,185 (32) **15 May/mai 1997 (15.05.1997)** (33) US(31) 60/063,924 (32) **31 Oct/oct 1997 (31.10.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 31/135**

- (54) ● SYMPATHOMIMETIC COMPOUNDS

- COMPOSES SYMPATHOMIMETIQUES

(71) **WARNER-LAMBERT COMPANY** [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US).

(72) **BOOTH, Anthony, R.**; 2 Chester Woods Drive, Chester, NJ 07930 (US). **SHERMAN, William, T.**; 11 Wedge Court, Cummings Cove, Hendersonville, NC 28739 (US). **RAVEN, Peter**; 264 casa Blanca Avenue, Forth Worth, TX 76107 (US). **CAFFREY, James, L.**; 1904 Red Oak Drive, Burleson, TX 76028 (US). **YORIO, Thomas**; 208 Briar Haven Court, Burleson, TX 76028 (US). **FORSTER, Michael**; 5728 Wedgeworth Road, Forth Worth, TX 76133 (US). **GWIRTZ, Patricia**; 3708 Mattison Avenue, Forth Worth, TX 76107 (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).

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(31) 08/858,011 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 31/19, 35/78**

- (54) ● USE OF BETULINIC ACID DERIVATIVES FOR THE TREATMENT AND PREVENTION OF MELANOMA
 ● UTILISATION DE DERIVES DE L'ACIDE BETULINIQUE POUR LE TRAITEMENT ET LA PREVENTION DES MELANOMES

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(72) **PEZZUTO, John, M.**; 846 Bonnie Brae Plaza, River Forest, IL 60305 (US). **DASGUPTA, Tapas, K.**; 1317 Jackson Boulevard, River Forest, IL 60305 (US). **KIM, Darrick, S., H., L.**; 901 South Ashland Avenue, Apartment 803-A, Chicago, IL 60607 (US).

(74) **NAPOLI, James, J.**; Marshall, O'Toole, Gerstein, Murray & Borun, Suite 6300, 233 South Wacker Drive, Chicago, IL 60606 (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) 08/857,413 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 31/19**

- (54) ● METHOD AND COMPOSITION FOR TREATING CANCERS
● PROCEDE ET COMPOSITION DE TRAITEMENT ANTI-CANCER

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(74) **NAPOLI, James, J.**; Marshall, O'Toole, Gerstein, Murray & Borun, Suite 6300, 233 South Wacker Drive, Chicago, IL 60606 (US).

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

(11) **WO 98/51295** (13) A1

(21) PCT/JP98/02059

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

(25) ja (26) ja

(31) 9/139372 (32) **14 May/mai 1997 (14.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 31/195, 31/215, 38/08, 38/10, 38/57, C07K 14/16, C12N 9/99**

- (54) ● HIV-1 PROTEASE INHIBITORS, PROCESS FOR PRODUCING THE SAME, AND MEDICINAL COMPOSITIONS
● INHIBITEUR DE LA PROTEASE DU VIH-1, LEUR PROCEDE DE PRODUCTION, ET COMPOSITIONS MEDICINALES

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(74) **MITSUOKUDE, Yoshihiko**; T-Kanai Building, 2-1, Kanda-awajicho, Chiyoda-ku, Tokyo 101-0063 (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 98/51296** (13) A1

(21) PCT/US98/10049

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

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(31) 08/856,867 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 31/20**

- (54) ● METHOD OF REDUCING IMMUNOLOGICAL TOLERANCE TO MALIGNANCY
● PROCEDE PERMETTANT DE REDUIRE LA TOLERANCE AUX TISSUS MALINS

(71, 72) **SCHMIDT, Geoffrey, J.** [US/US]; 73 Tiffany Road, Norwell, MA 02061 (US).

(74) **KERNER, Ann-Louise** et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02110 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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) 60/046,487 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 31/285**

- (54) ● INHIBITION OF CELL SURFACE PROTEIN DISULFIDE ISOMERASE
● INHIBITION DE PROTEINE DISULFURE ISOMERASE DE SURFACE CELLULAIRE

(71) **THE UNIVERSITY OF NEW MEXICO** [US/US]; Albuquerque, NM 87131 (US).
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(74) **BUTTLI, Jean, A.** et al. / etc.; Hoffman, Wasson & Gitter, PC, Suite 522, 2361 Jefferson Davis Highway, Arlington, VA 22202 (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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(31) 60/046,236 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 31/33, 31/395, 31/40, 31/445, 31/495, 31/55, C07D 205/08, 207/12, 209/44, 211/40, 223/10, 225/02, 241/04, 295/08, 401/12, 403/12**

- (54) ● ARYLSUBSTITUTED PIPERAZINES USEFUL IN THE TREATMENT OF BENIGN PROSTATIC HYPERTROPHY
● PIPERAZINES A SUBSTITUTION ARYLE UTILES DANS LE TRAITEMENT DE L'ADENOME PROSTATIQUE

(71) **ORTHO-McNEIL PHARMACEUTICAL INC.** [US/US]; U.S. Route 202, Raritan, NJ 08869-0602 (US).

(72) **JOLLIFFE, Linda**; 16 Davenport Way, Belle Mead, NJ 08502 (US). **MURRAY, William**; 447 Township Line Road, Belle Mead, NJ 08502 (US). **PULITO, Virginia**; 37 Winding Way, Flemington, NJ 08822 (US). **REITZ, Alan**; 109 Greenbriar Road, Landsale, PA 19446 (US). **LI, Xiaobing**; 20 August Drive, Annadale, NJ 08801 (US). **MULCAHY, Linda**; 7 Jenny Jump Court, Flemington, NJ 08822 (US). **MARYANOFF, Cynthia**; 4029 Devonshire Drive, Forest Grove, PA 18922 (US). **VILLANI, Frank**; 2 Pinewood Lane, Perkaskie, PA 18944 (US).

(74) **CIAMPORCERO, Audley, A., Jr.** et al. / etc.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (US).

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

(11) **WO 98/51299** (13) A1

(21) PCT/JP98/02062

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

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(31) 9/135751 (32) **12 May/mai 1997 (12.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 31/34, 9/70, 47/32**

- (54) ● PATCHES CONTAINING ISOSORBIDE NITRATE
● PATCHES CONTENANT DU NITRATE D'ISOSORBIDE

(71) **TEIKOKU SEIYAKU CO., LTD.** [JP/JP]; 567, Sanbonmatsu, Ohchicho, Ohkawa-gun, Kagawa 769-2601 (JP).
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(72, 75) **KAWAJI, Toshikuni** [JP/JP]; 136-104, Midono, Ohchicho, Ohkawa-gun, Kagawa 769-2517 (JP). **YAMAJI, Masahiro** [JP/JP]; Room 506, 1608-1, Sanbonmatsu, Ohchicho, Ohkawa-gun, Kagawa 769-2601 (JP).

(74) **KUSAMA, Osamu**; Iwata Building, 7th floor, 5-12, Hidabashi 4-chome, Chiyoda-ku, Tokyo 102-0072 (JP).

(81) AU CA US; EP (BE DE FR GB IT NL).

(11) **WO 98/51300** (13) A1

(21) PCT/GB98/01353

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

(25) en (26) en

(31) 9709451.0 (32) **10 May/mai 1997 (10.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 31/35, 9/16**

- (54) ● TREATMENT OF ALLERGIC CONDITIONS
● TRAITEMENT D'ETATS ALLERGIQUES

(71) **HEWLETT HEALTHCARE LIMITED** [GB/GB]; No. 1 Mill, The Wharf, Shardlow, Derby DE72 2GH (GB).
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(72, 75) **WIGMORE, Alexander, James** [GB/GB]; Yew Turn, 7 Church Lane, Lockington, Derby DE74 2TF (GB).

(74) **BASSETT, Richard**; Eric Potter Clarkson, Park View House, 58 The Ropewalk, Nottingham NG1 5DD (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51301** (13) A1
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(31) 97/05905 (32) **14 May/mai 1997 (14.05.1997)** (33) FR
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **A61K 31/40, 31/445, 31/42, 31/41, 31/505, 31/495**
(54) ● USE OF INDOLAMINES AS ANTI-THROMBOTIC MEDICINE
● UTILISATION D'AMINES INDOLIQUES COMME MEDICAMENTS ANTITHROMBOTIQUES
(71) **PIERRE FABRE MEDICAMENT** [FR/FR]; 45, place Abel Gance, F-92100 Boulogne-Billancourt (FR).
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(72, 75) **HALAZY, Serge** [BE/FR]; 1, place des Barrys, F-81090 Lagarrigue (FR). **PÉREZ, Michel** [FR/FR]; 2, rue Ernest Barthe, F-81100 Castres (FR). **VALENTIN, Jean-Pierre** [FR/FR]; 19/21, rue Victor Hugo, F-31250 Revel (FR). **JOHN, Gareth, Wyn** [GB/FR]; Les Grèzes, F-81100 Les Salvaiges (FR).
(74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 26, avenue Kléber, F-75116 Paris (FR).
(81) AU BR CA CN JP KR MX NZ US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/51302** (13) A1
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(31) 60/046,602 (32) **15 May/mai 1997 (15.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **A61K 31/40, 31/35**
(54) ● COMPOSITION AND METHODS FOR TREATING ALZHEIMER'S DISEASE AND OTHER AMYLOIDOSES
● COMPOSITION ET PROCÉDES DE TRAITEMENT DE LA MALADIE D'ALZHEIMER ET AUTRES AMYLOIDOSES
(71) **UNIVERSITY OF WASHINGTON** [US/US]; 1107 N.E. 45th Street, Seattle, WA 98105 (US).
(72) **CASTILLO, Gerardo**; 6500 24th Avenue, N.W. #104, Seattle, WA 98117 (US). **SNOW, Alan, D.**; 3812 - 167th Place, S.W., Lynnwood, WA 98037 (US).
(74) **DWYER, Patrick, M.**; Patrick M. Dwyer PC, 1919 One Union Square, 600 University Street, Seattle, WA 98101 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51303** (13) A1
(21) PCT/US97/21564
(22) **26 Nov/nov 1997 (26.11.1997)**
(25) en (26) en
(31) 60/046,726 (32) **16 May/mai 1997 (16.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **A61K 31/41, 31/415, 31/66**
(54) ● HIV AND CANCER TREATMENT
● TRAITEMENT DU VIH ET DU CANCER
(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
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(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 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).

- (11) **WO 98/51304** (13) A1
(21) PCT/US97/21565
(22) **26 Nov/nov 1997 (26.11.1997)**
(25) en (26) en
(31) 08/857,811 (32) **16 May/mai 1997 (16.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **A61K 31/415**
(54) ● BENZIMIDAZOLE-2-CARBAMATES FOR THE TREATMENT OF VIRAL INFECTIONS AND CANCER
● BENZIMIDAZOLE-2-CARBAMATES UTILISES DANS LE TRAITEMENT DES INFECTIONS VIRALES ET DU CANCER
(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
(72) **CAMDEN, James, Berger**; 7339 Charter Cup Lane, West Chester, OH 45069 (US).
(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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).

- (11) **WO 98/51305** (13) A1
(21) PCT/US98/10113
(22) **14 May/mai 1998 (14.05.1998)**
(25) en (26) en
(31) 08/856,987 (32) **15 May/mai 1997 (15.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **A61K 31/44**
(54) ● USE OF 5-(4-(2-(N-METHYL-N-(2-PYRIDYL)AMINO)-ETHOXY)BENZYL)2,4-THIAZOLIDINEDIONE IN THE TREATMENT OF POLYCYSTIC OVARY SYNDROME AND GESTATIONAL DIABETES
● UTILISATION DE 5-(4-(2-(N-METHYL-N-(2-PYRIDYL)AMINO)-ETHOXY)BENZYL)2,4-THIAZOLIDINEDIONE DANS LE TRAITEMENT DE LA POLYKYSTOSE OVARIENNE ET DU DIABETE GESTATIONNEL
(71) **WARNER-LAMBERT COMPANY** [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US).
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(72, 75) **ANTONUCCI, Tammy** [US/US]; 1009 Lynnmore Drive, Thousand Oaks, CA 91360 (US). **LOCKWOOD, Dean** [US/US]; 3431 Wagner Woods Court, Ann Arbor, MI 48103 (US). **NORRIS, Rebecca** [US/US]; 4016 North U.S. 31, Route 1, Kewadin, MI 49648 (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).

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(31) 9/127462 (32) **16 May/mai 1997 (16.05.1997)** (33) JP
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **A61K 31/47 // C07D 215/22**
(54) ● MEDICINAL COMPOSITIONS AGAINST HELICOBACTER PYLORI
● COMPOSITIONS MEDICAMENTEUSES CONTRE L'HELICOBACTER PYLORI
(71) **YAMANOUCI PHARMACEUTICAL CO., LTD.** [JP/JP]; 3-11, Nihonbashi-Honcho 2-chome, Chuo-ku, Tokyo 103-8411 (JP). **P.T.KALBE FARMA** [ID/ID]; Jalan Jendral Ahmad Yani (Pulo Mas), 13210 Jakarta Timur (ID).
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(74) **NAGAI, Shozo** et al. / etc.; Yamanouchi Pharmaceutical Co., Ltd., Patent & Information Dept., 17-1, Hasune 3-chome, Itabashi-ku, Tokyo 174-8612 (JP).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH GW HU ID IL IS JP KE KG KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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) 08/855,616 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(31) 09/056,396 (32) **6 Apr/avr 1998 (06.04.1998)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 31/47, 31/35, 31/165**

(54) ● METHODS FOR TREATING INFLAMMATION, INFLAMMATORY DISEASES, ARTHRITIS AND STROKE USING pADPRT INHIBITORS

● METHODES DE TRAITEMENT D'INFLAMMATIONS, D'AFFECTIONS INFLAMMATOIRES, D'ARTHRITE ET D'ACCIDENTS VASCULAIRES CEREBRAUX A L'AIDE D'INHIBITEURS DE pADPRT

(71) **OCTAMER, INC.** [US/US]; Suite 255-A, 100 Shoreline Highway, Mill Valley, CA 94941 (US).

(72) **KUN, Ernest**; 3150 Paradise Drive, Tiburon, CA 94920 (US).

(74) **HALLUIN, Albert, P.** et al. / etc.; Howrey & Simon, Box 34, 1299 Pennsylvania Avenue, N.W., 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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) 08/855,616 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(31) 09/056,396 (32) **6 Apr/avr 1998 (06.04.1998)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 31/47, 31/35, 31/165**

(54) ● METHODS FOR TREATING INFLAMMATION AND INFLAMMATORY DISEASES USING pADPRT INHIBITORS

● PROCEDE DE TRAITEMENT DE L'INFLAMMATION OU DE MALADIES INFLAMMATOIRES A L'AIDE D'INHIBITEURS DE POLY-ADP RIBOSE POLYMERASE

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(72) **KUN, Ernest**; 3150 Paradise Drive, Tiburon, CA 94920 (US).

(74) **HALLUIN, Albert, P.**; 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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) 60/046,654 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 31/495, 31/50, 31/135, 31/405, 31/415, 31/54**

(54) ● USE OF SEROTONIN AGONISTS TO ALLEVIATE DISORDERED BREATHING EPISODES IN A MAMMAL

● UTILISATION D'AGONISTES DE SEROTONINE POUR ATTENUER LES TROUBLES RESPIRATOIRES CHEZ UN MAMMIFERE

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(72, 75) **HENDRICKS, Joan, C.** [US/US]; 385 Ambler Road, Fort Washington, PA (US). **KUBIN, Leszek** [PL/US]; 1713 Melrose Avenue, Havertown, PA 19083 (US). **PACK, Allan, I.** [GB/US]; 1065 Antler Drive, Glen Mills, PA 19342 (US). **VEASEY, Singrid, C.** [US/US]; 2123 Cypress Street, Philadelphia, PA 19103 (US).

(74) **LEARY, Kathryn, Doyle** et al. / etc.; Panitch Schwarze Jacobs & Nadel, P.C., 22nd floor, One Commerce Square, 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).

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(31) 08/854,730 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 31/505, 31/55, 45/00**

(54) ● A METHOD FOR THE TREATMENT OF MENTAL ILLNESS IN MAMMALS AND A COMPOSITION THEREFOR

● PROCEDE DE TRAITEMENT DE MALADIE MENTALE CHEZ LES MAMMIFERES ET COMPOSITION A CET EFFET

(71, 72) **HAAPALINNA, Antti** [FI/FI]; Hellaksenkatu 4 D 5, FIN-20360 Turku (FI). **VIITAMAA, Timo** [FI/FI]; Kähärintie 2, FIN-20300 Turku (FI). **SALLINEN, Jukka** [FI/FI]; Puutarhakatu 29 A 3, FIN-20100 Turku (FI). **SCHEININ, Mika** [FI/FI]; Mannerheiminkatu 23, FIN-21100 Naantali (FI). **SAVOLA, Juha-Matti** [FI/FI]; Siutlankatu 8, FIN-20380 Turku (FI).

(74) **ORION CORPORATION**; Orion Pharma, Industrial Property Rights, P.O. Box 65, FIN-02101 Espoo (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 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 98/51311** (13) A2

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(31) 08/858,017 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 31/505, 31/495, 31/535, 31/54, 31/55, C07D 239/22, 239/32, 239/36, 401/06, 403/06**

(54) ● DIHYDROPYRIMIDINES AND USES THEREOF
● DIHYDROPYRIMIDINES ET LEURS UTILISATIONS

(71) **SYNAPTIC PHARMACEUTICAL CORPORATION** [US/US]; 215 College Road, Paramus, NJ 07652 (US).

(72) **WONG, Wai, C.**; 34 Columbia Street, Newark, NJ 07012 (US). **LAGU, Bharat**; 94 East Pleasant Avenue, Maywood, NJ 07607 (US). **NAGARATHNAM, Dhanapalan**; Apartment 74, 450 Island Avenue, Ramsey, NJ 07446 (US). **MARZABADI, Mohammad, R.**; 153 Woodland Avenue, Ridgewood, NJ 07450 (US). **GLUCHOWSKI, Charles**; 154 Coolspring Court, Danville, CA 94506 (US).

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

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51312** (13) A1
 (21) PCT/US98/09861
 (22) **14 May/mai 1998 (14.05.1998)**
 (25) en (26) en
 (31) 60/046,741 (32) **16 May/mai 1997 (16.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61K 31/54, C07D 285/16**
 (54) ● THIADIAZINYL CORTICOTROPIN-RELEASING FACTOR BINDING PROTEIN LIGAND INHIBITORS
 ● INHIBITEURS DE LIGAND DE PROTEINE FIXATRICE DE FACTEUR DE LIBERATION DE CORTICOTROPHINE DE THIADIAZINYLE
 (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) **MITCH, Charles, Howard** [US/US]; 3210 Grove Parkway, Columbus, IN 47203 (US).
QUIMBY, Steven, James [US/US]; 10657 Kestrel Court, Noblesville, IN 46060 (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 98/51313** (13) A1
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 (31) 9/126759 (32) **16 May/mai 1997 (16.05.1997)** (33) JP
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61K 31/59**
 (54) ● REMEDIES FOR DRY EYE
 ● REMEDES CONTRE LES YEUX SECS
 (71) **SANTEN PHARMACEUTICAL CO., LTD.** [JP/JP]; 9-19, Shimoshinjo 3-chome, Higashi-yodogawa-ku, Osaka-shi, Osaka 533-8651 (JP). **TEIJJN LIMITED** [JP/JP]; 6-7, Minami-hommachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-8587 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **NAKATA, Katsuhiko** [JP/JP]; 531-1, Oaza-Hashinaka, Sakurai-shi, Nara 633-0072 (JP). **NAKAMURA, Masatsugu** [JP/JP]; 12-3-205, Mimatsu 2-chome, Nara-shi, Nara 631-0074 (JP). **HAZATO, Atsuo** [JP/JP]; 3-18-4-232, Tamadaira, Hino-shi, Tokyo 191-0062 (JP).
 (74) **KISHIMOTO, Einosuke** et al. / etc.; Inaba Building 3rd floor, 13-18, Nishishinsaibashi 1-chome, Chuo-ku, Osaka-shi, Osaka 542-0086 (JP).
 (81) CA CN KR NO US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/51314** (13) A1
 (21) PCT/EP98/02712
 (22) **8 May/mai 1998 (08.05.1998)**
 (25) de (26) de
 (31) 197 19 680.2 (32) **9 May/mai 1997 (09.05.1997)** (33) DE
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61K 31/66**
 (54) ● USE OF DIPHOSPHONIC ACIDS OR THE PHYSIOLOGICALLY ACCEPTABLE SALTS OR ESTERS THEREOF IN THE PREVENTIVE TREATMENT OF AFTER-EFFECTS RESULTING FROM ENLARGEMENT OR REPLACEMENT OF THE BLADDER
 ● UTILISATION D'ACIDES DIPHOSPHONIQUES OU DE LEURS SELS OU ESTERS PHYSIOLOGIQUEMENT TOLERABLES POUR LE TRAITEMENT PREVENTIF DES SEQUELLES TARDIVES EN CAS D'AGRANDISSEMENT VESICAL OU DE REMPLACEMENT VESICAL
 (71) **BOEHRINGER MANNHEIM GMBH** [DE/DE]; D-68298 Mannheim (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **BAUSS, Frieder** [DE/DE]; Rottstrasse 11, D-67141 Neuhofen (DE). **BRKOVIC, Drasko** [DE/DE]; Im Bubenwingert 25, D-69181 Leimen (DE).
 (74) **BOEHRINGER MANNHEIM GMBH**; Patentabteilung, D-68298 Mannheim (DE).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/51315** (13) A1
 (21) PCT/JP98/02061
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 (31) 9/121244 (32) **12 May/mai 1997 (12.05.1997)** (33) JP
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61K 31/70 // C07H 17/02**
 (54) ● THERAPEUTIC AGENT FOR ARTICULAR RHEUMATISM
 ● AGENT THERAPEUTIQUE POUR RHUMATISMES ARTICULAIRES
 (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) **EZURE, Yoji** [JP/JP]; 21-22, Nogohara 2-chome, Otsu-shi, Shiga 520-2133 (JP). **MARUO, Shigeaki** [JP/JP]; 2-2 13-104, Minamiai, Ibaraki-shi, Osaka 567-0007 (JP). **OGAWA, Hirotsugu** [JP/JP]; Nippon Shinyaku Yamashinashataku, 39, Oyake Sakanotsujicho, Yamashina-ku, Kyoto-shi, Kyoto 607-8182 (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 98/51316** (13) A1
 (21) PCT/EP98/02613
 (22) **4 May/mai 1998 (04.05.1998)**
 (25) en (26) en
 (31) MI97A001091 (32) **9 May/mai 1997 (09.05.1997)** (33) IT
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61K 35/20, 7/26, 9/08 // 9/06**
 (54) ● PHARMACEUTICAL FORMULATIONS CONTAINING COLOSTRUM AND THE USE OF COLOSTRUM FOR THE TREATMENT OF AFFECTIONS OF THE ORAL CAVITY
 ● FORMULATIONS PHARMACEUTIQUES CONTENANT DU COLOSTRUM ET UTILISATION DU COLOSTRUM POUR LE TRAITEMENT D'AFFECTIONS DE LA CAVITE BUCCALE
 (71) **VANDER WAY LIMITED** [IE/IE]; 17 Dame Street, Dublin 2 (IE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **BARTORELLI, Luisa** [IT/IT]; Via Fogazzaro, 20, I-20135 Milano (IT).
 (74) **MINOJA, Fabrizio**; Bianchetti Bracco Minoja S.r.l., Via Rossini, 8, I-20122 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 98/51317** (13) A1
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 (31) 60/047,002 (32) **13 May/mai 1997 (13.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61K 35/28, C12N 5/02, 5/08**
 (54) ● OSTEOARTHRITIS CARTILAGE REGENERATION USING HUMAN MESENCHYMAL STEM CELLS
 ● REGENERATION DE CARTILAGE DANS L'ARTHROSE A L'AIDE DE CELLULES SOUCHES MESENCHYMATEUSES HUMAINES
 (71) **OSIRIS THERAPEUTICS, INC.** [US/US]; 2001 Aliceanna Street, Baltimore, MD 21231-2001 (US). **CASE WESTERN RESERVE UNIVERSITY** [US/US]; 10900 Euclid Avenue, Cleveland, OH 44106-7080 (US).
 (72) **GOLDBERG, Victor, M.**; 1710 Country Line Road, Gates Mills, OH 44040 (US). **CAPLAN, Arnold, I.**; 1300 Oakridge Drive, Cleveland Heights, OH 44121 (US). **BARRY, Francis, P.**; 2510 Pickwick Road, Baltimore, MD 21207 (US). **FINK, David, J.**; 2891 Warrington Road, Shaker Heights, OH 44120 (US). **MARSHAK, Daniel, R.**; 11639 St. David's Lane, Lutherville, MD 21093 (US). **BURNS, James, S.**; 3301 Hidden River View, Annapolis, MD 21403 (US).
 (74) **SEMIONOW, Raina** et al. / etc.; Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein, 6 Becker Farm Road, Roseland, NJ 07068 (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 98/51318** (13) A1

(21) PCT/EP98/02871

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

(25) en (26) en

(31) 97107945.4 (32) **15 May/mai 1997 (15.05.1997)** (33) EP

(34) DE et al. / etc.

(31) 97114873.9 (32) **27 Aug/août 1997 (27.08.1997)** (33) EP

(34) DE et al. / etc.

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 35/76, G01N 33/50**

(54) ● PHARMACEUTICAL COMPOSITION AND DIAGNOSTIC KIT DIRECTED TO A HETEROLOGENEOUS PATHOGENIC ORGANISM IN A HOST

● COMPOSITION PHARMACEUTIQUE ET TROUSSE DE DIAGNOSTIQUE POUR UN ORGANISME PATHOGENE HETEROLOGENE CHEZ UN HOTE

(71) **BIOPHARM GMBH** [DE/DE]; Czemyring 22, D-69115 Heidelberg (DE).
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(72, 75) **POHL, Jens** [DE/DE]; Bastwald 25, D-76707 Hambrücken (DE). **BECHTOLD, Rolf** [DE/DE]; Carl-Zuckmayr-Strasse 21, D-69126 Heidelberg (DE). **PAULISTA, Michael** [DE/DE]; Wingerts-trasse 10, D-69181 Leimen (DE). **DILL, Othmar** [DE/DE]; Ernst-Handschuh-Strasse 3a, D-67549 Worms (DE).

(74) **PERREY, Ralf**; Müller-Boré & 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).

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(11) **WO 98/51319** (13) A1

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(22) **6 May/mai 1998 (06.05.1998)**

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(31) 2.205.070 (32) **9 May/mai 1997 (09.05.1997)** (33) CA

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 35/78**

(54) ● ANTIVIRAL COMPOSITIONS FOR THE STIMULATION OF THE IMMUNE SYSTEM AND FOR OTHER THERAPEUTIC AND PROPHYLACTIC APPLICATIONS

● COMPOSITIONS ANTIVIRALES DE STIMULATION DU SYSTEME IMMUNITAIRE ET DESTINEES A D'AUTRES APPLICATIONS THERAPEUTIQUES ET PROPHYLACTIQUES

(71) **LAFOND ST-HILAIRE, Gilberte** (legal representative of the deceased inventor / représentante légale de l'inventeur décédé) [CA/CA]; Apartment 2, 4545 4e avenue est, Charlesbourg, Québec G1H 3N4 (CA).

(71, 72) **BEN AMAR, Mohamed** [CA/CA]; 4323 Christophe-Colomb, Montréal, Québec H2J 3G2 (CA). **MORISSET, Richard** [CA/CA]; 739 Dunlop, Outremont, Québec H2V 2W5 (CA). **GHADIRIAN, Parviz** [CA/CA]; 5850 rue de Seigne, St-Léonard, Québec H1P 1G8 (CA).

(72) **ST-HILAIRE, Fernando** (deceased / décédé).

(74) **ROBIC**; 55 St-Jacques, Montréal, Québec H2Y 3X2 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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) 97/05767 (32) **12 May/mai 1997 (12.05.1997)** (33) FR

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 35/78, 7/48, A23L 1/221**

(54) ● COMPOSITION BASED ON PLANT AND ESSENTIAL OIL EXTRACTS, USABLE IN THERAPY, COSMETICS AND DIETETICS

● COMPOSITION A BASE D'EXTRAITS VEGETAUX ET D'HUILES ESSENTIELLES, UTILISABLE EN THERAPEUTIQUE, EN COSMETIQUE ET EN DIETETIQUE

(71, 72) **VERNIN, Jacques** [FR/FR]; 9, boulevard Charles Gay, F-77000 Melun (FR).

(74) **L'HELGOUALCH, Jean** et al. / etc.; Cabinet Sueur & L'Helgoualch, 78, rue Carnot, F-95240 Corneilles-en-Paris (FR).

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

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(21) PCT/DE98/01306

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(31) 197 19 652.7 (32) **9 May/mai 1997 (09.05.1997)** (33) DE

(31) PCT/DE98/01278 (32) **7 May/mai 1998 (07.05.1998)** (33) WO

(34) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 38/00**

(54) ● TISSUE FACTOR FOR INFLUENCING BLOOD VESSEL FORMATION

● THROMBOPLASTINE TISSULAIRE DESTINEE A INFLUENCER LA FORMATION VASCULAIRE

(71) **MERCKLE GMBH** [DE/DE]; chem.-pharm Fabrik, Graf-Arco-Strasse 3, D-89079 Ulm (DE).
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(72, 75) **NAWROTH, Peter** [DE/DE]; Helmholtzstrasse 26, D-69207 Sandhausen (DE). **NAKAGAWA,**

Katsumi [JP/JP]; 4-21-201, Kagamiishicho, Okitayama, Kita-ku, Kyoto 603 (JP). **ZHANG, Youming** [-DE]; Zimmer 23, Friedrich-Ebert-Anlage 51e, D-69117 Heidelberg (DE).

(74) **HUBER, Bernard**; Truderinger Strasse 246, D-81825 München (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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(31) 08/857,068 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 38/00, 38/04**

(54) ● CONOPEPTIDES AuIA, AuIB AND AuIC

● CONOPEPTIDES AuIA, AuIB, ET AuIC

(71) **UNIVERSITY OF UTAH RESEARCH FOUNDATION** [US/US]; Suite 170, 421 Wakara Way, Salt Lake City, UT 84108 (US).

(72) **McINTOSH, J., Michael**; 1151 South 2000 East, Salt Lake City, UT 84108 (US). **CARTIER, G., Edward**; 825 West River Terrace #617, Salt Lake City, UT 84123 (US). **YOSHIKAMI, Doju**; 1074 East 600 South, Salt Lake City, UT 84102 (US). **LUO, Siqin**; 1179 South Blair Street #21, Salt Lake City, UT 84111 (US). **OLIVERA, Baldomero, M.**; 1370 Bryan Avenue, Salt Lake City, UT 84108 (US).

(74) **IHNEN, Jeffrey, L.** et al. / etc.; Rothwell, Figg, Ernst & Kurz, Suite 701 East, 555 13th Street, N.W., Columbia Square, Washington, DC 20004 (US).

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

(11) **WO 98/51323** (13) A1

(21) PCT/US98/09691

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 60/046,394 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 38/00, 31/04, 31/10, 31/16, C07K 14/00**

(54) ● NOVEL ANTIANGIOGENIC PEPTIDE AGENTS AND THEIR THERAPEUTIC AND DIAGNOSTIC USE

● NOUVEAUX AGENTS PEPTIDIQUES ANTI-ANGIOGENIQUES, UTILISATION DE CES

- DERNIERS POUR LA THERAPIE ET LE DIAGNOSTIC
- (63) US 60/046,394 (CON)
13 May/mai 1997 (13.05.1997)
- (71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 12th floor, 1111 Franklin Street, Oakland, CA 94607-5200 (US).
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- (72, 75) **WEINER, Richard, I.** [US/US]; 230 Sunset Way, Muir Beach, CA 94965 (US). **MARTIAL, Joseph, A.** [BE/BE]; 13, rue Vignoble, B-4130 Esneux (BE). **STRUMAN, Ingrid** [BE/BE]; 64, rue de Huy, B-4317 Faimies (BE). **TAYLOR, Robert** [US/US]; 118 Granville Way, San Francisco, CA 94127 (US).
- (74) **ASHTON, Nina, M.** et al. / etc.; Cooley Godward LLP, 5 Palo Alto Square, 3000 El Camino Real, Palo Alto, CA 94306-2155 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/51324** (13) A1
(21) PCT/US98/09843
(22) **13 May/mai 1998 (13.05.1998)**
(25) en (26) en
(31) 60/046,472 (32) **14 May/mai 1997 (14.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A61K 38/00, C07K 5/00, 7/00, 16/00, 17/00**
- (54) ● PEPTIDE PARATHYROID HORMONE ANALOGS
● ANALOGUES PEPTIDIQUES DE L'HORMONE PARATHYROÏDE
- (63) US 60/046,472 (CIP)
14 May/mai 1997 (14.05.1997)
- (71) **RHONE-POULENC RORER PHARMACEUTICALS INC.** [US/US]; Legal/Patents, Mail Stop #3C43, P.O. Box 5093, Collegeville, PA 19426-0997 (US).
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- (72, 75) **CONDON, Stephen, M.** [US/US]; 1453 Village Lane, Chester Springs, PA 19425 (US). **MORÏZE, Isabelle** [FR/FR]; 6, place Jacques Prévert, F-93270 Sevran (FR).
- (74) **MARTIN, Michael, B.** et al. / etc.; Rhône-Poulenc Rorer Pharmaceuticals Inc., P.O. Box 3C43, Mail Stop 5093, Collegeville, PA 19426-0997 (US).
- (81) 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 98/51325** (13) A2
(21) PCT/US98/10088
(22) **15 May/mai 1998 (15.05.1998)**
(25) en (26) en
- (31) 60/046,595 (32) **15 May/mai 1997 (15.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A61K 38/00, 38/02, C07K 5/00, 7/00**
- (54) ● RANDOM PEPTIDES THAT BIND TO GASTRO-INTESTINAL TRACT (GIT) TRANSPORT RECEPTORS AND RELATED METHODS
● PEPTIDES ALEATOIRES SE LIANT AU RE-CEPTEURS DE TRANSPORT DU TRACTUS GASTROINTESTINAL (GIT) ET PROCEDES Y RELATIFS
- (63) US 60/046,595 (CIP)
15 May/mai 1997 (15.05.1997)
- (71) **CYTOGEN CORPORATION** [US/US]; 600 College Road East, Princeton, NJ 08540 (US). **ELAN CORPORATION, PLC** [IE/IE]; Lincoln House, Lincoln Place, Dublin 2 (IE).
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- (72, 75) **ALVAREZ, Vernon, L.** [US/US]; 187 Rice Drive, Morrisville, PA 19067 (US). **O'MAHONY, Daniel, J.** [IE/IE]; 75 Avoca Park, Avoca Avenue, Blackrock, Dublin (IE). **LAMBKIN, Imelda, J.** [IE/IE]; 9 Station Road, Sutton, Dublin 13 (IE). **PATTERSON, Catherine, A.** [GB/IE]; 3 Grange Crescent, Pottery Road, Dunlaoghaire, Dublin (IE). **SINGLETON, Judith** [US/US]; Knoll Way, Rocky Way, NJ 08553 (US). **BELINKA, Benjamin, A., Jr.** [US/US]; 15 Pelham Road, Kendall Park, NJ 08824 (US). **CARTER, John, M.** [US/US]; 35 Chicory Lane, Trenton, NJ 08638-1926 (US). **CAGNEY, Gerard, M.** [IE/US]; 2618 Yale Avenue East, Seattle, WA 98102 (US).
- (74) **ANTLER, Adriane, M.** 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 CH CN CU CZ EE GE GH GW HU ID IL IS JP KE 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 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 98/51326** (13) A1
(21) PCT/IB98/00863
(22) **15 May/mai 1998 (15.05.1998)**
(25) en (26) en
(31) 60/046,640 (32) **16 May/mai 1997 (16.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A61K 38/16**
- (54) ● INHIBITION OF ANGIOGENESIS BY VEROTOXINS
● INHIBITION DE L'ANGIOGENESE AU MOYEN DE VEROTOXINES
- (71) **HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP** [CA/CA]; 555 University Avenue, Toronto, Ontario M5G 1X8 (CA).
- (72) **ARAB, Sara**; Apartment 1107, 640 Sheppard Avenue East, North York, Ontario M2K 1B8 (CA). **LINGWOOD, Clifford, A.**; 116 Kingsway Crescent, Toronto, Ontario M8X 2R9 (CA).
- (74) **FRITZ, Joachim, T.** et al. / etc.; Scott & Ayleen, Suite 1000, 60 Queen Street, Ottawa, Ontario K1P 5Y7 (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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- Published / Publiée : (c)
- (11) **WO 98/51327** (13) A1
(21) PCT/JP98/02031
(22) **7 May/mai 1998 (07.05.1998)**
(25) ja (26) ja
(31) 9/127690 (32) **16 May/mai 1997 (16.05.1997)** (33) JP
(43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A61K 38/20, C12N 7/01, C12P 21/02 // (C12P 21/02, C12R 1:92)**
- (54) ● THERAPEUTIC AGENT, TREATMENT METHOD, PROPHYLACTIC AGENT, AND PROPHYLACTIC METHOD FOR CANINE AND FELINE IMMUNOLOGICAL DISEASES
● AGENT THERAPEUTIQUE, PROCEDE DE TRAITEMENT, AGENT PROPHYLACTIQUE ET PROCEDE PROPHYLACTIQUE DESTINES AU TRAITEMENT DE MALADIES IMMUNOLOGIQUES CHEZ LES CHIENS ET LES CHATS
- (71) **TORAY INDUSTRIES, INC.** [JP/JP]; 2-1, Nihonbashi Muromachii 2-chome, Chuo-ku, Tokyo 103-8666 (JP).
- (72) **OKANO, Fumiyoshi**; 2-31, Sanjou 2-chome, Minami-ku, Nagoya-shi, Aichi 457-0866 (JP). **SATO, Masahiro**; 31-22, Tsunishi 1-chome, Kamakura-shi, Kanagawa 248-0034 (JP). **YAMADA, Katsushige**; 3469-2, Shikata Shikatsu-cho, Nishikasugai-gun, Aichi 481-0004 (JP).
- (81) AU CA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/51328** (13) A1
(21) PCT/IB97/00530
(22) **9 May/mai 1997 (09.05.1997)**
(25) en (26) en
(43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **A61K 38/21, 47/36, 9/20**
- (54) ● STABILISATION OF INTERFERONS IN AQUEOUS SOLUTION FOR MANUFACTURE OF SUBLINGUALLY ADMINISTERED TABLETS
● STABILISATION D'INTERFERONS DANS UNE SOLUTION AQUEUSE EN VUE DE LA FABRICATION DE PASTILLES QUE L'ON ADMINISTRE PAR VOIE SUBLINGUALE
- (71) **FERONPATENT LIMITED** [IE/CH]; Central Chambers, 7/9 Dame Court, Dublin 2 (IE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ROTHSCHILD, Peter R.** [MX/MX]; Vulcano 1722, Cd. Guadalupe, Mexico, Nuevo León 67100 (MX).
- (74) **MOINAS, Michel**; Moinas Kiehl Savoye & Croinin, 42, rue Plantamour, CH-1201 Geneva (CH).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ 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 98/51329** (13) A1

(21) PCT/JP98/02116

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

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(31) 9/125505 (32) **15 May/mai 1997 (15.05.1997)** (33) JP

(31) 9/194445 (32) **18 Jul/juill 1997 (18.07.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 38/29, 39/395, 45/00 // C12N 15/13, C12P 21/02, 21/08, C07K 16/26, 16/28**

(54) ● CACHEXIA REMEDY

● REMEDE CONTRE LA CACHEXIE

(71) **CHUGAI SEIYAKU KABUSHIKI KAISHA** [JP/JP]; 5-1, Ukima 5-chome, Kita-ku, Tokyo 115-8543 (JP).
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(72, 75) **SATO, Koh** [JP/JP]; Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1-chome, Gotenba-shi, Shizuoka 412-8543 (JP). **TUNENARI, Toshiaki** [JP/JP]; Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1-chome, Gotenba-shi, Shizuoka 412-8543 (JP). **ISHII, Kimie** [JP/JP]; Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1-chome, Gotenba-shi, Shizuoka 412-8543 (JP).

(74) **HIRAKI, Yusuke** et al. / etc.; Toranomon No. 5 Mori Building, 3rd floor, 17-1, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

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

(11) **WO 98/51330** (13) A1

(21) PCT/EP98/02998

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

(25) en (26) en

(31) 08/855,311 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 38/31**

(54) ● METHOD AND COMPOSITIONS FOR TREATING HYPERLIPIDEMIA AND OTHER CONDITIONS

● PROCEDE ET COMPOSITIONS POUR TRAITER L'HYPERLIPIDEMIE ET D'AUTRES ETATS PATHOLOGIQUES

(71) **SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES S.A. (S.C.R.A.S.)** [FR/FR]; 51-53, rue du Docteur Blanche, F-Paris (FR).
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(72, 75) **CAWTHORNE, Michael, Anthony** [GB/GB]; University of Buckingham, Clore Laboratory, Hunter Street, Buckingham, Bucks MK18 1EG (GB). **LIU, Yong-Ling** [GB/GB]; Clore House, Hunter Street, Buckingham, Bucks MK18 1EG (GB). **SENNITT, MATTHEW, V.** [GB/GB]; Clore House, Hunter Street, Buckingham, Bucks MK18 1EG (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).

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(11) **WO 98/51331** (13) A1

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

(25) en (26) en

(31) 08/854,941 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 38/31, 7/48**

(54) ● SOMATOSTATIN AND SOMATOSTATIN AGONISTS FOR DECREASING BODY WEIGHT

● SOMATOSTATINE ET AGONISTES DE SOMATOSTATINE SERVANT A LA REDUCTION DU POIDS CORPOREL

(71) **SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES S.A. (S.C.R.A.S.)** [FR/FR]; 51, 53, rue du Docteur Blanche, F-75016 Paris (FR).
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(72, 75) **CAWTHORNE, Michael, Anthony** [GB/GB]; Clore Laboratory, University of Buckingham, Hunter Street, Buckingham, Bucks MK18 1EG (GB). **LIU, Yong-Ling** [GB/GB]; Clore House, Hunter Street, Buckingham, Bucks MK18 1EG (GB). **SENNITT, Matthew, V.** [GB/GB]; Clore House, Hunter Street, Buckingham, Bucks MK18 1EG (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).

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(11) **WO 98/51332** (13) A1

(21) PCT/EP98/03000

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

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(31) 08/854,943 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 38/31**

(54) ● SOMATOSTATIN AND SOMATOSTATIN AGONISTS FOR TREATING INSULIN INSSENSITIVITY AND SYNDROME X

● SOMATOSTATINE ET AGONISTES DE SOMATOSTATINE POUR TRAITER L'INSENSIBILITE A L'INSULINE ET LE SYNDROME X

(71) **SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES S.A. (S.C.R.A.S.)** [FR/FR]; 51-53, rue du Docteur Blanche, F-75016 Paris (FR).
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(72, 75) **CAWTHORNE, Michael, Anthony** [GB/GB]; University of Buckingham, Clore Laboratory, Hunter Street, Buckingham, Bucks MK18 1EG (GB). **LIU, Yong-Ling** [GB/GB]; Clore House, Hunter Street, Buckingham, Bucks MK18 1EG (GB). **SENNITT, Matthew, V.** [GB/GB]; Clore House, Hunter Street, Buckingham, Bucks MK18 1EG (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).

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(11) **WO 98/51333** (13) A1

(21) PCT/US98/09742

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 60/046,468 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61K 38/45**

(54) ● USE OF FACTOR XIII FOR THE MANUFACTURE OF A MEDICAMENT FOR THE TREATMENT OF REPERFUSION INJURY AND MUCOSAL DAMAGE

● UTILISATION DU FACTEUR XIII POUR LA FABRICATION DE MEDICAMENTS DESTINES AU TRAITEMENT DES LESIONS DUES AUX PERFUSIONS REPETEES ET DES LESIONS DES MUQUEUSES

(71) **ZYMOGENETICS, INC.** [US/US]; 1201 Eastlake Avenue East, Seattle, WA 98102 (US).

(72) **DEISHER, Theresa, A.**; 4006 Greenwood Avenue North, Seattle, WA 98103 (US). **BISHOP, Paul, D.**; 28425 S.E. 8th Street, Fall City, WA 98024 (US). **GARCIA, Richard, M.**; 12941 N.E. 71st Street, Kirkland, WA 98033 (US).

(74) **LUNN, Paul, G.**; ZymoGenetics, Inc., 1201 Eastlake Avenue East, Seattle, WA 98102 (US).

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

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- (11) **WO 98/51334** (13) A1
 (21) PCT/EP98/02797
 (22) **6 May/mai 1998 (06.05.1998)**
 (25) en (26) en
 (31) MI97A001119 (32) **14 May/mai 1997 (14.05.1997)** (33) IT
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61K 38/47, 38/40 // (A61K 38/47, 31:70) (A61K 38/40, 31:70)**
 (54) ● PHARMACEUTICAL ANTIVIRAL COMPOSITION COMPRISING GLYCRRHIZIC ACID AND AT LEAST ONE PROTEIN ENDOWED WITH ANTIVIRAL ACTIVITY
 ● COMPOSITION ANTIVIRALE PHARMACEUTIQUE COMPRENANT DE L'ACIDE GLYCRRHIZIQUE ET AU MOINS UNE PROTEINE PRESENTANT UNE ACTIVITE ANTIVIRALE
 (71) **ANGELINI RICERCHE S.P.A. SOCIETA' CONSORTILE** [IT/IT]; Piazzale della Stazione, I-00040 S. Palomba (IT).
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 (72, 75) **POMPEI, Raffaello** [IT/IT]; Via Bach, 94, I-09045 Quartu Sant'Elena (IT). **PINZA, Mario** [IT/IT]; Via per Cesano Boscone, 24, I-20094 Corsico (IT).
 (74) **MARCHI, Massimo** et al. / etc.; Marchi & Partners s.r.l., Via Pirelli, 19, I-20124 Milano (IT).
 (81) AL AU BA BB BG BR CA CN CU CZ EE GE 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 98/51335** (13) A1
 (21) PCT/CA98/00475
 (22) **15 May/mai 1998 (15.05.1998)**
 (25) en (26) en
 (31) 60/046,537 (32) **15 May/mai 1997 (15.05.1997)** (33) US
 (31) 60/061,684 (32) **10 Oct/oct 1997 (10.10.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61K 39/00, 39/395, 31/70, C12Q 1/68, C12N 15/55, G01N 33/573**
 (54) ● METHODS OF MODULATING IMMUNE COAGULATION
 ● METHODES DE MODULATION DE LA COAGULATION IMMUNE
 (71, 72) **LEVY, Gary** [CA/CA]; 260 Henderson Avenue, Thornhill, Ontario L3T 2M2 (CA).
 (74) **BERESKIN & PARR**; 40th floor, 40 King Street West, Toronto, Ontario M5H 3Y2 (CA).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/51336** (13) A1
 (21) PCT/US98/09057
 (22) **4 May/mai 1998 (04.05.1998)**
 (25) en (26) en
 (31) 08/857,009 (32) **15 May/mai 1997 (15.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61K 39/00, 39/395, 39/44, 38/00, 38/18, 38/19, 38/20, C07K 14/435, 14/475, 14/52, 14/54, 14/55, 14/705, 14/725, 16/00, 16/24, 16/28, 16/46**
 (54) ● TARGETED DELIVERY TO T LYMPHOCYTES
 ● ADMINISTRATION CIBLEE VERS DES LYMPHOCYTES T
 (71) **THERATECH, INC.** [US/US]; Suite 100, 417 Wakara Way, Salt Lake City, UT 84108 (US).
 (72) **PRAKASH, Ramesh, K.**; 6947 So. Hollowmill Drive, Salt Lake City, UT 84121 (US). **KUMAR, Vijay**; 6881 S. Luna Way, Salt Lake City, UT 84121 (US).
 (74) **HOWARTH, Alan, J.** 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/51337** (13) A2

- (21) PCT/US98/09957
 (22) **12 May/mai 1998 (12.05.1998)**
 (25) en (26) en
 (31) 60/046,201 (32) **12 May/mai 1997 (12.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61K 39/00**
 (54) ● IMMUNOGENIC COMPOSITIONS TO THE CCK-B/GASTRIN-RECEPTOR AND METHODS FOR THE TREATMENT OF TUMORS
 ● COMPOSITIONS IMMUNOGENES DIGRIGES CONTRE LE RECEPTEUR DE CCK-B/GASTRINE ET PROCEDE DE TRAITEMENT DES TUMEURS
 (71) **APHTON CORPORATION** [US/US]; Suite 14, 26 Harter Avenue, P.O. Box 1049, Woodland, CA 95776-1049 (US).
 (72) **MICHAELI, Dov**; 21 Marina Vista Avenue, Larkspur, CA 94939 (US). **CAPLIN, Martyn**; 9 Ludlow Way, London N2 0JZ (GB). **WATSON, Susan, A.**; #5 Seatolla Close, Edwalton, Nottingham NG1 6RB (GB). **GRIMES, Stephen**; 551 Rutgers Drive, Davis, CA 95616 (US).
 (74) **DRIVAS, Dimitrios, T.** et al. / etc.; White & Case LLP, Patent Dept., 1155 Avenue of the Americas, New York, NY 10036 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB 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 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 98/51338** (13) A1
 (21) PCT/US98/10042
 (22) **15 May/mai 1998 (15.05.1998)**
 (25) en (26) en
 (31) 60/051,004 (32) **16 May/mai 1997 (16.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61K 39/02**
 (54) ● IMPROVED METHOD FOR ADMINISTRATION OF VACCINE AGAINST *SHIGELLA* INFECTIONS
 ● PROCEDE D'ADMINISTRATION DE VACCIN CONTRE LES INFECTIONS A *SHIGELLA*
 (71) **U.S. GOVERNMENT, DEPARTMENT OF THE ARMY U.S. ARMY MEDICAL RESEARCH & MATERIEL COMMAND** [US/US]; 504 Scott Street, Fort Detrick, MD 21702-5012 (US).
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 (74) **HENDRICKS, Glenna**; P.O. Box 2509, Fairfax, VA 22031-2509 (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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- (21) PCT/FR98/00966
 (22) **14 May/mai 1998 (14.05.1998)**
 (25) fr (26) fr
 (31) 97/06210 (32) **14 May/mai 1997 (14.05.1997)** (33) FR
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61K 39/09, 39/385**
 (54) ● MULTIVALENT VACCINE COMPOSITION WITH MIXED CARRIER
 ● COMPOSITION VACCINALE MULTIVALENTE A PORTEUR MIXTE
 (71) **PASTEUR MERIEUX SERUMS & VACCINS** [FR/FR]; 58, avenue Leclerc, Boîte postale 7046, F-69348 Lyon Cedex 07 (FR).
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 (72, 75) **LEROY, Odile** [FR/FR]; 13, rue des Quatre Vents, F-92360 Garches (FR).
 (74) **AYROLES, Marie-Pauline**; Pasteur-Mérieux Sérums & Vaccins, Direction Propriété Industrielle, 58, avenue Leclerc, Boîte postale 7046, F-69348 Lyon 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).

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

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 (31) 60/046,560 (32) **15 May/mai 1997** (33) US (15.05.1997)
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61K 39/12, 39/235, 48/00, C07K 14/005, 14/435**
 (54) ● FAS LIGAND EXPRESSING ANTIGEN PRESENTING CELLS FOR TOLERANCE INDUCTION
 ● CELLULES DE PRESENTATION D'ANTIGENE EXPRIMANT UN LIGAND FAS POUR INDIUIRE LA TOLERANCE SYSTEMIQUE
 (71) **UAB RESEARCH FOUNDATION** [US/US]; Suite 1120G, 701 S. 20th Street, Birmingham, AL 35294-0111 (US).
 (72) **MOUNTZ, John, D.**; 2800 Vestavia Forest Place, Birmingham, AL 35216 (US). **ZHOU, Tong**; 332 W. Stonebrook Place, Birmingham, AL 35226 (US).
 (74) **ADLER, Benjamin, A.**; McGregor & Adler, 8011 Candle Lane, Houston, TX 77071 (US).
 (81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/51341** (13) A1
 (21) PCT/US98/09786
 (22) **14 May/mai 1998** (14.05.1998)
 (25) en (26) en
 (31) 60/046,469 (32) **14 May/mai 1997** (33) US (14.05.1997)
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61K 39/35, 39/395, C07K 14/00, 16/00**
 (54) ● ANTIGEN-mPEG CONJUGATES SUPPRESS HUMORAL AND CELL MEDIATED IMMUNE RESPONSES
 ● CONJUGUES ANTIGENE-mPEG SUPPRIMANT DES REPONSES IMMUNITAIRES HUMORALES ET A MEDIATION CELLULAIRE
 (71) **THE UNIVERSITY OF MANITOBA** [CA/CA]; Industry Liaison Office, Bannatyne Campus, 753 McDermot Avenue, Winnipeg, Manitoba R3E 0W3 (CA). **EMORY UNIVERSITY** [US/US]; Office of Technology Transfer, 2009 Ridgewood Drive, Atlanta, GA 30322 (US).
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 (72, 75) **SEHON, Alec, H.** [CA/CA]; 695 Academy Road, Winnipeg, Manitoba R3N 0E8 (CA). **KAPP, Judith, A.** [US/US]; Emory University School of Medicine, Dept. of Ophthalmology, 1365-B Clifton Road, N.E., Atlanta, GA 30322 (US). **LANG, Glen, M.** [CA/CA]; University of Manitoba, Immunology Dept., Basic Medical Sciences Building, 730 William Avenue, Winnipeg, Manitoba R3E 0W3 (CA). **KE, Yong** [US/US]; Northwest University Medical Center, McGraw Medical Center, Dept. of Pathology, 303 East Chicago, Chicago, IL 60611 (US).
 (74) **MILLS, Demetra, J.**; Antonelli, Terry, Stout & Kraus, LLP, Suite 1800, 1300 North Seventeenth Street, Arlington, VA 22209 (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 98/51342** (13) A1
 (21) PCT/NO98/00146
 (22) **13 May/mai 1998** (13.05.1998)
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 (31) 9710010.1 (32) **16 May/mai 1997** (33) GB (16.05.1997)
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61K 39/39, 9/14**
 (54) ● SUBSTRATES MATERIALS WITH BOUND CYTOKINE-STIMULATING POLYSACCHARIDES OR BACTERIAL NUCLEIC ACIDS
 ● MATERIAUX SERVANT DE SUBSTRATS ET COMPORTANT DES ACIDES NUCLEIQUES BACTERIENS OU DES POLYSACCHARIDES DE STIMULATION DE CYTOKINE LIES
 (71) **NORSK HYDRO ASA** [NO/NO]; N-0240 Oslo (NO).
 (72) **ESPEVIK, Terje**; Kometv. 10, N-7036 Trondheim (NO). **SKJÅK-BRAEK, Gudmund**; Nedre Bergsvingen 6, N-7016 Trondheim (NO).
 (74) **LILLEGRAVEN, Rita**; Norsk Hydro ASA, N-0240 Oslo (NO).
 (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 98/51343** (13) A1
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 (31) 97/06007 (32) **12 May/mai 1997** (33) FR (12.05.1997)
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61K 39/395**
 (54) ● USE OF AN ANTI-LFA1 MONOCLONAL ANTIBODY IN KIDNEY TRANSPLANTATION
 ● UTILISATION D'UN ANTICORPS MONOCLONAL ANTI-LFA1 EN TRANSPLANTATION RENALE
 (71) **PASTEUR MERIEUX SERUMS ET VACCINS** [FR/FR]; 58, avenue Leclerc, F-69007 Lyon (FR).
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 (72, 75) **ALBERICI, Gilles** [FR/FR]; 5, allée de la Croix des Roux, F-69126 Brindas (FR). **BUFFET, Renaud** [FR/FR]; Les Arcades, 4 bis, place Bir Hakeim, F-69003 Lyon (FR). **CHAMPSAUR, Anne** [FR/FR]; 23, rue du Vieux Collonges, F-69660 Collonges au Mont d'Or (FR).
 (74) **KERNEIS, Danièle**; Pasteur Mérieux Sérums et Vaccins, Direction Propriété Intellectuelle, F-69007 Lyon (FR).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/51344** (13) A1
 (21) PCT/GB98/01343
 (22) **12 May/mai 1998** (12.05.1998)
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- (25) en (26) en
 (31) 08/854,881 (32) **12 May/mai 1997** (33) US (12.05.1997)
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61K 39/395, 31/00, 31/505, 38/17 // 31:505**
 (54) ● SUPPRESSION OF TUMOR NECROSIS FACTOR ALPHA AND VASCULAR ENDOTHELIAL GROWTH FACTOR IN THERAPY
 ● SUPPRESSION THERAPEUTIQUE DU FACTEUR DE NECROSE TUMORALE ALPHA ET DU FACTEUR DE CROISSANCE DES CELLULES ENDOTHELIALES VASCULAIRES
 (71) **THE KENNEDY INSTITUTE OF RHEUMATOLOGY** [GB/GB]; One Aspenlea Road, Hammersmith, London W6 8LH (GB).
 (72) **FELDMANN, Marc**; 2 Church Road, Highgate, London N6 4QT (GB). **MAINI, Ravinder, Nath**; 151 Castelnau, Barnes, London SW13 9EW (US). **PALEOLOG, Ewa, Maria**; 36 Delamere Road, Ealing, London W5 3JR (GB).
 (74) **HARVEY, David, Gareth** et al. / etc.; Graham Watt & Co., Riverhead, Sevenoaks, Kent TN13 2BN (GB).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51345** (13) A2
 (21) PCT/IB98/00860
 (22) **8 May/mai 1998** (08.05.1998)
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 (31) 60/046,036 (32) **9 May/mai 1997** (33) US (09.05.1997)
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61K 39/395, 38/00, 31/00, C12N 5/12, 5/00, G01N 37/00**
 (54) ● METHOD FOR DISLODGING INFILTRATED LEUCOCYTES FROM A TISSUE
 ● METHODE PERMETTANT DE CHASSER LES LEUCOCYTES INFILTRES DANS UN TISSU
 (71) **THE JOHN P. ROBERTS RESEARCH INSTITUTE** [CA/CA]; 100 Perth Drive, P.O. Box 5015, London, Ontario N6A 5K8 (CA).
 (72) **CHAN, Bosco, M., C.**; Apartment 503, 1510 Richmond Street, London, Ontario N6G 4T9 (CA). **SINGH, Bhagirath**; 146 St. Bees Close, London, Ontario N6G 4B8 (CA).
 (74) **McMAHON, Eileen**; 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 98/51346** (13) A1
(21) PCT/US98/09744
(22) **12 May/mai 1998 (12.05.1998)**
(25) en (26) en
(31) 60/046,249 (32) **12 May/mai 1997 (12.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **A61K 39/395, C07K 16/28, G01N 33/53**
(54) ● HUMAN TUMOR NECROSIS FACTOR RECEPTOR-LIKE 2 (TR2) ANTIBODIES
● ANTICORPS CONTRE LE RECEPTEUR DE TYPE 2 (TR2) DU FACTEUR DE NECROSE DES TUMEURS HUMAIN
(71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US). **SMITHKLINE BEECHAM PLC** [GB/GB]; New Horizons Court, Great West Road, Brentford, Middlesex TW8 9EP (GB).
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(74) **HAN, William, T.** et al. / etc.; SmithKline Beecham Corporation, Corporate Intellectual Property, UW2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).
(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/51347** (13) A1
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(22) **6 May/mai 1998 (06.05.1998)**
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(31) 9709561.6 (32) **10 May/mai 1997 (10.05.1997)** (33) GB
(31) 9800936.8 (32) **19 Jan/jan 1998 (19.01.1998)** (33) GB
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **A61K 47/32, 47/34, 9/14, 9/16, B05D 3/04**
(54) ● BIOFUNCTIONAL POLYMERS PREPARED IN SUPERCRITICAL FLUID
● POLYMERES BIFONCTIONNELS PREPARES DANS UN FLUIDE SUPERCRITIQUE
(71) **UNIVERSITY OF NOTTINGHAM** [GB/GB]; Lenton Lodge, University Park, Nottingham NG7 2RD (GB).
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(74) **MARKGRAAF PATENTS LIMITED**; The Crescent, 54 Blossom Street, York YO24 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 98/51348** (13) A2
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(22) **18 May/mai 1998 (18.05.1998)**
(25) en (26) en
(31) 08/857,973 (32) **16 May/mai 1997 (16.05.1997)** (33) US
(31) 08/912,902 (32) **15 Aug/août 1997 (15.08.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **A61K 47/36**
(54) ● SUSTAINED-RELEASE DELAYED GELS
● GELS A ACTION DIFFEREE ET A LIBERATION PROLONGEE
(63) US Not furnished / non communiqué (CIP)
Not furnished / non communiquée
(71) **AMGEN INC.** [US/US]; Amgen Center, One Amgen Center Drive, Thousand Oaks, CA 91320-1789 (US).
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(72, 75) **GOLDENBERG, Merrill, Seymour** [CA/US]; 3616 Radcliff Road, Thousand Oaks, CA 91360 (US). **BEEKMAN, Alice, C.** [US/US]; Apartment 184, 300 Rolling Oaks Drive, Thousand Oaks, CA 91361 (US). **GU, Jian, Hua** [CA/US]; 319 Hodencamp Road #76, Thousand Oaks, CA 91360 (US).
(74) **ODRE, Steven, M.** et al. / etc.; Amgen, Inc., Amgen Center, One Amgen Center Drive, Thousand Oaks, CA 91320-1789 (US).
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- (11) **WO 98/51349** (13) A1
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(22) **8 May/mai 1998 (08.05.1998)**
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(31) 97107657.5 (32) **9 May/mai 1997 (09.05.1997)** (33) EP
(34) DE et al. / etc.
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **A61K 47/48**
(54) ● CONJUGATE COMPRISING A FOLIC ACID ANTAGONIST AND A CARRIER
● CONJUGUE RENFERMANT UN ANTAGONISTE DE L'ACIDE FOLIQUE ET UN EXCIPIENT
(71) **DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES ÖFFENTLICHEN RECHTS** [DE/DE]; Im Neuenheimer Feld 280, D-69120 Heidelberg (DE).
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- (74) **SCHÜSSLER, Andrea**; Truderinger Strasse 246, D-81825 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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(31) 60/046,207 (32) **12 May/mai 1997 (12.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **A61K 48/00, C07K 16/32, G01N 33/68, 33/577 // 33/574**
(54) ● METHODS OF TREATMENT USING NBS-1, ANTIBODIES AND PROTEINS THERETO, AND USES OF THE ANTIBODIES
● METHODES DE TRAITEMENT AU MOYEN DE NBS-1, D'ANTICORPS ET DE PROTEINES DIRIGES CONTRE CE DERNIER ET UTILISATIONS DE CES ANTICORPS
(71) **DANA-FARBER CANCER INSTITUTE** [US/US]; 44 Binney Street, Boston, MA 02115 (US).
(72) **KAELIN, William**; 177 Commonwealth Avenue, Boston, MA 02116 (US). **JOST, Christine**; 192 Chesnut Street, Unit D, Jamaca Plain, MA 02130 (US).
(74) **EISENSTEIN, Ronald, I.** et al. / etc.; Dike, Bronstein, Roberts & Cushman, LLP, 130 Water Street, Boston, MA 02109-4280 (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 98/51351** (13) A1
(21) PCT/US98/10080
(22) **15 May/mai 1998 (15.05.1998)**
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(31) 08/857,076 (32) **15 May/mai 1997 (15.05.1997)** (33) US
(31) 08/888,534 (32) **7 Jul/juillet 1997 (07.07.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **A61K 49/00, C12N 5/06, C07H 21/04**
(54) ● THERAPEUTIC AND DIAGNOSTIC TOOLS FOR IMPAIRED GLUCOSE TOLERANCE CONDITIONS
● OUTILS THERAPEUTIQUES ET DIAGNOSTIQUES POUR DESORDRES LIES A UNE MAUVAISE TOLERANCE GLUCIDIQUE
(71) **THE GENERAL HOSPITAL CORPORATION** [US/US]; 55 Fruit Street, Boston, MA 02110-2214 (US).

- (72) **RUVKUN, Gary**; 120 Herrick Road, Newton, MA 02138 (US). **KIMURA, Koutarou**; 9 Hawthorne Place, Boston, MA 02114 (US). **PATTERSON, Garth**; 106 - 13th Street #321, Charlestown, MA 02129 (US). **OGG, Scott**; 19 Phillips Lane, Newton, MA 02159 (US). **PARADIS, Suzanne**; 21 St. James Avenue, Somerville, MA 02178 (US). **TISSENBAUM, Heidi**; 43 Chandler Street, Belmont, MA 02178 (US). **MORRIS, Jason**; 564 First Avenue #17Q, New York, NY 10016 (US). **KOWEEK, Allison**; 9 Belknap Street #3, Somerville, MA 02178 (US). **PIERCE, Sarah**; 260 Brookline Street #1, Cambridge, MA 02139 (US).
- (74) **ELBING, Karen, L.**; 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/51352** (13) A2
(21) PCT/US98/07371
(22) **9 Apr/avr 1998 (09.04.1998)**
(25) en (26) en
(31) 08/857,724 (32) **16 May/mai 1997 (16.05.1997)** (33) US
(31) 08/984,380 (32) **3 Dec/déc 1997 (03.12.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **A61L 15/00**
(54) ● SURGICAL INCISE DRAPE
● CHAMP STERILE POUR INCISION CHIRURGICALE
- (71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **BRUNO, John, E.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **EULL, Patricia, A.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **SCHOLZ, Matthew, T.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **BAKER, Dennis, L.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **SCHLEI, Dietmar**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **BAUER, Stephen, W.** et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51353** (13) A2
(21) PCT/US98/09473
(22) **9 May/mai 1998 (09.05.1998)**
(25) en (26) en
- (31) 60/046,702 (32) **14 May/mai 1997 (14.05.1997)** (33) US
(31) 08/916,993 (32) **21 Aug/août 1997 (21.08.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **A61L 15/00**
(54) ● ARTIFICIAL BODILY FLUID
● FLUIDE CORPOREL ARTIFICIEL
- (71) **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 North Lake Street, Neenah, WI 54956 (US).
- (72) **ACHTER, Amy, Michele**; 1437 Ridgeway Drive, Neenah, WI 54956 (US). **LEACH, Crystal, Sutphin**; 2214 Peachtree Road #B-5, Atlanta, GA 30309 (US). **LINDON, Jack, Nelson**; 14810 East Bluff Road, Alpharetta, GA 30201 (US). **SOREBO, Heather, Anne**; 2922 Glen Park Drive, Appleton, WI 54914 (US). **WEBER, Mary, Garvie**; 125 Greenmont Downs Trace, Alpharetta, GA 30201 (US).
- (74) **ROBINSON, James, B.** et al. / etc.; Kimberly-Clark Worldwide, Inc., 401 North Lake Street, Neenah, WI 54956 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51354** (13) A2
(21) PCT/US98/09951
(22) **15 May/mai 1998 (15.05.1998)**
(25) en (26) en
(31) 60/046,589 (32) **15 May/mai 1997 (15.05.1997)** (33) US
(31) 09/039,107 (32) **14 Mar/mar 1998 (14.03.1998)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **A61L 27/00**
(54) ● COMPOSITIONS FOR MORPHOGEN-INDUCED OSTEOGENESIS
● COMPOSITIONS POUR OSTEOGENESE INDUITE PAR DES AGENTS MORPHOGENETIQUES
- (71) **CREATIVE BIOMOLECULES, INC.** [US/US]; 45 South Street, Hopkinton, MA 01748 (US).
- (72) **RUEGER, David, C.**; 81 Pine Hill Road, Southborough, MA 01772 (US). **TUCKER, Marjorie, M.**; 132 Robert Road, Holliston, MA 01746 (US).
- (74) **MEYERS, Thomas, C.**; Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (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 98/51355** (13) A1
(21) PCT/US98/09827
(22) **13 May/mai 1998 (13.05.1998)**
(25) en (26) en
(31) 08/855,675 (32) **14 May/mai 1997 (14.05.1997)** (33) US
- (31) 08/993,917 (32) **18 Dec/déc 1997 (18.12.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **A61M 1/14, 1/34, 1/36**
(54) ● HEAT EXCHANGER FOR MEDICAL APPLICATIONS
● ECHANGEUR THERMIQUE DESTINE A DES APPLICATIONS MEDICALES
- (71) **AVECOR CARDIOVASCULAR INC.** [US/US]; 7611 Northland Drive, Brooklyn Park, MN 55428 (US).
- (72) **MCINTOSH, Kevin, D.**; 5073 Lansing Avenue, N.E., Albertville, MN 55301 (US). **OLSEN, Robert, W.**; 12817 45th Avenue N, Plymouth, MN 55442 (US). **JONES, Bruce, R.**; 675 Olive, Plymouth, MN 55447 (US). **GOODIN, Mark, S.**; 326 Cherry Hill Court, Medina, MN 55340 (US).
- (74) **WILES, Terry, L.** et al. / etc.; Popovich & Wiles, P.A., Suite 1902, IDS Center, 80 South 8th Street, Minneapolis, MN 55402-2111 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG 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 98/51356** (13) A1
(21) PCT/FR98/00947
(22) **12 May/mai 1998 (12.05.1998)**
(25) fr (26) fr
(31) 97/05782 (32) **12 May/mai 1997 (12.05.1997)** (33) FR
(31) 97/15746 (32) **12 Dec/déc 1997 (12.12.1997)** (33) FR
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **A61M 5/00**
(54) ● RECEPTACLE FOR PREPARING MEDICINES AND INJECTION KIT CONTAINING SAME AND FILTERING ADAPTER
● RECIPIENT DE PREPARATION DE MEDICAMENTS ET KIT D'INJECTION CONTENANT UN TEL RECIPIENT ET UNE SERINGUE A EMBOUT FILTRANT
- (71, 72) **IMBERT, Elliot** [FR/FR]; 9, rue des Innocents, F-75001 Paris (FR).
- (74) **GUTMANN, Ernest** et al. / etc.; Ernest Gutmann-Yves Plasseraud S.A., 3, rue Chauveau-Lagarde, 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).
- Published / Publiée : (c)
- (11) **WO 98/51357** (13) A1
(21) PCT/US98/09234
(22) **6 May/mai 1998 (06.05.1998)**

- (25) en (26) en
 (31) 08/854,411 (32) **12 May/mai 1997** (33) US (12.05.1997)
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61M 5/145, 5/48**
 (54) ● FLUID PRESSURE MEASUREMENT DEVICES OF AN INJECTION SYSTEM
 ● DISPOSITIFS SERVANT A MESURER LA PRESSION D'UN FLUIDE DANS UN SYSTEME D'INJECTION
 (71) **MEDRAD, INC.** [US/US]; One Medrad Drive, Indianola, PA 15051 (US).
 (72) **NOLAN, William, J., Jr.**; 37 Victory Way, Indianola, PA 15051 (US). **COWAN, Kevin, P.**; 4242 Estates Court, Allison Park, PA 15101 (US). **HIRSCHMAN, Alan, D.**; 101 Candlewyck Drive, Glenshaw, PA 15116 (US). **REILLY, David, M.**; 2318 Middle Road, Glenshaw, PA 15116 (US). **TROMBLEY, Frederick, W., III**; 5750 Phillips Road, Gibsonia, PA 15044 (US). **GRIFFITHS, David, M.**; 629 Kirtland Street, Pittsburgh, PA 15208 (US).
 (74) **BRADLEY, Gregory, L.**; Medrad, Inc., One Medrad Drive, Indianola, PA 15051 (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 98/51358** (13) A1
 (21) PCT/CA98/00453
 (22) **8 May/mai 1998** (08.05.1998)
 (25) en (26) en
 (31) 08/854,782 (32) **12 May/mai 1997** (33) US (12.05.1997)
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61M 5/32, 5/50**
 (54) ● DISPOSABLE SYRINGE NEEDLE ATTACHMENT HUB
 ● MANCHON DE FIXATION D'AIGUILLE DE SERINGUE JETABLE
 (71) **RMS MEDICAL SYSTEMS INC.** [CA/CA]; Oceanic Plaza, Suite 2000, 1066 West Georgia Street, Vancouver, British Columbia V6E 3X2 (CA).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **PADGETT, Mary, Beth, Blair** [US/US]; 5508 Deer Forest Drive, Greenboro, NC 27406 (US). **FARRAR, Quinton, James** [US/US]; 11 Colleen Drive, Lakesville, MA 02347 (US).
 (74) **REGEHR, Herbert, B.**; Bull, Housser & Tupper, 3000 Royal Centre, 1055 West Georgia Street, P.O. Box 11130, Vancouver, British Columbia V6E 3R3 (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 98/51359** (13) A1
 (21) PCT/NL98/00271
 (22) **14 May/mai 1998** (14.05.1998)
 (25) nl (26) en
 (31) 1006058 (32) **14 May/mai 1997** (33) NL (14.05.1997)
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61M 15/00**
 (54) ● POWDER INHALER WITH METERING DEVICE
 ● INHALATEUR DE POUDRE EQUIPE D'UN DISPOSITIF DE DOSAGE
 (71) **R + D INJECTOR AG** [CH/CH]; Zugerstrasse 50, CH-6340 Baar (CH).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **BOES, Erwin, Petrus** [NL/NL]; Hankvorst 3201, NL-6538 JK Nijmegen (NL). **KELDERS, Johannes, Hubertus, Jozef, Maria** [NL/NL]; Eendekooi 22, NL-5252 RL Drunen (NL).
 (74) **BARTELD, Erik**; 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/51360** (13) A1
 (21) PCT/SE98/00846
 (22) **8 May/mai 1998** (08.05.1998)
 (25) en (26) en
 (31) 9701750-3 (32) **12 May/mai 1997** (33) SE (12.05.1997)
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61M 15/00, 11/00**
 (54) ● INHALATION DEVICE
 ● DISPOSITIF D'INHALATION
 (71) **ASTRA PHARMACEUTICALS LTD.** [GB/GB]; Home Park, Kings Langley, Herts WD4 8DH (GB).
 (for all designated States except / pour tous les États désignés sauf US)
 (71) **ASTRA AKTIEBOLAG** [SE/SE]; S-151 85 Södertälje (SE).
 (only for / seulement pour MG)
 (72, 75) **FRID, Per** [SE/SE]; Astra Draco AB, P.O. Box 34, S-221 00 Lund (SE). **JANSEN, Robert** [GB/GB]; Astra Charnwood, Bakewell Road, Loughborough, Leics LE11 5RH (GB). **WRIGHT, Paul** [GB/GB]; Astra Charnwood, Bakewell Road, Loughborough, Leics LE11 5RH (GB).
 (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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/51361** (13) A2
 (21) PCT/US98/09683
 (22) **12 May/mai 1998** (12.05.1998)
 (25) en (26) en
 (31) 08/854,553 (32) **12 May/mai 1997** (33) US (12.05.1997)
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61M 15/68**
 (54) ● DEVICE FOR NASAL THERAPEUTIC INHALATION
 ● APPAREIL POUR INHALATION NASALE THERAPEUTIQUE
 (71, 72) **COOPER, Emily, L.** [US/US]; 1337 N.E. 106th Street, Seattle, WA 98125 (US).
 (74) **WECHKIN, John, M.** 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/51362** (13) A1
 (21) PCT/US98/09977
 (22) **15 May/mai 1998** (15.05.1998)
 (25) en (26) en
 (31) 60/046,746 (32) **16 May/mai 1997** (33) US (16.05.1997)
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A61M 16/00, A62B 7/00, F16K 31/02**
 (54) ● NASAL VENTILATION AS A TREATMENT FOR STROKE
 ● VENTILATION NASALE COMME TRAITEMENT DES ACCIDENTS CEREBROVASCULAIRES
 (71, 72) **FARRELL, Peter, Craig** [AU/US]; 12475 Rue Fountainebleau, San Diego, CA 92131 (US). **PACE, Gary, William** [US/US]; 6913 Hunters Way, Raleigh, NC 27615 (US).
 (74) **SORENSEN, Andrew, D.** et al. / etc.; Holland & Hart L.L.P., Suite 3200, 555 17th Street, P.O. Box 8749, Denver, CO 80201-8749 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51363** (13) A1
 (21) PCT/GB98/01341
 (22) **11 May/mai 1998** (11.05.1998)
 (25) en (26) en
 (31) 9709692.9 (32) **13 May/mai 1997** (33) GB (13.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61M 16/04, 11/02**(54) ● SPRAY FORMING DEVICE
● PULVERISATEUR(71) **ISIS INNOVATION LIMITED** [GB/GB]; 2 South Parks Road, Oxford OX1 3UB (GB).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **MACKENZIE, Iain, Michael, Jocelyn** [GB/GB]; Chatswood, 2 Humphries Drive, Westfield, Brackley NN13 6NW (GB).(74) **BOYDELL, John, Christopher**; Stevens, Hewlett & Perkins, 1 Serjeants' Inn, Fleet Street, London EC4Y 1LL (GB).

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

(11) **WO 98/51364** (13) A1

(21) PCT/IB98/00725

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

(25) en (26) en

(31) A 835/97 (32) **15 May/mai 1997 (15.05.1997)** (33) AT

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61M 25/01**(54) ● HEMOSTATIC VALVE ASSEMBLY WITH TELESCOPIC PART
● ENSEMBLE CLAPET HEMOSTATIQUE A ELEMENT TELESCOPIQUE(71, 72) **HASSAN, Ali** [AT/AT]; Bruennerstrasse 107-109/2/6, A-1210 Vienna (AT).(72, 75) **FITZGERALD, Peter** [US/US]; Elizabeth Lane 710, Menlo Park, CA 94025 (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 98/51365** (13) A1

(21) PCT/US97/08396

(22) **15 May/mai 1997 (15.05.1997)**

(25) en (26) en

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61M 29/00**(54) ● MALE URETHRAL CATHETER SIZING AND INSERTION METHOD
● SYSTEME DE DIMENSIONNEMENT DE SONDE URETRALE POUR HOMMES ET PROCEDE D'INSERTION(71) **UROCATH CORPORATION** [US/US]; 173 Constitution Park, Menlo Park, CA 94025-1106 (US).(72) **DAVIS, Richard, C.**; 4820 Longwater Way, Tampa, FL 33615 (US).(74) **BUTLER, F. Prince**; Griffin, Butler, Whisenhunt & Kurtossy, Suite PH-1, 2300 Ninth Street, South, Arlington, VA 22204 (US).

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

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(11) **WO 98/51366** (13) A1

(21) PCT/US98/09005

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/854,911 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61M 31/00, A61N 1/30**(54) ● METHOD OF REMOVING THROMBOSIS IN FISTULAE
● PROCEDE D'ELIMINATION DE THROMBOSE DANS DES FISTULES(71) **CORAJE, INC.** [US/US]; 601 Montgomery Street #900, San Francisco, CA 94111 (US).(72) **SIEGEL, Robert, J.**; 2304 Strongs Drive, Venice, CA 90291 (US). **CARTER, Robert, E.**; 31 Summit Street, Arlington, MA 02174 (US).(74) **HACKLER, Walter, A.**; Suite B, 2372 S.E. Bristol, 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 98/51367** (13) A1

(21) PCT/US97/24064

(22) **22 Dec/déc 1997 (22.12.1997)**

(25) en (26) en

(31) 08/856,905 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61M 37/00**(54) ● PERCUTANEOUS ACCESS DEVICE HAVING REMOVABLE TURRET ASSEMBLY
● DISPOSITIF D'ACCES PERCUTANE A TOURELLE DEMONTABLE(71) **L.VAD TECHNOLOGY, INC.** [US/US]; 300 River Place, Detroit, MI 48207 (US).(72) **FREED, Paul, S.**; 1556 Lone Pine, Bloomfield Hills, MI 48302 (US). **TARO, George**; 39810 Cheviot, Canton, MI 48188 (US). **KANTROWITZ, Adrian**; 70 Gallogly Road, Auburn Hills, MI 48326 (US).(74) **BASILE, Andrew, R.**; Young & Basile, P.C., Suite 624, 3001 West Big Beaver Road, Troy, MI 48084-3107 (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 DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/51368** (13) A1

(21) PCT/US98/09527

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

(25) en (26) en

(31) 08/857,386 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61M 37/00**(54) ● VALVE PORT ASSEMBLY WITH INTER-LOCK
● SYSTEME D'ORIFICES DE SOUPEPE A INTERVERROUILLAGE(71) **VASCA, INC.** [US/US]; Unit B3, 461 Boston Street, Topsfield, MA 01983 (US).(72) **BURBANK, Jeffrey, H.**; 18 Sunrise Road, Boxford, MA 01921 (US). **BRUGGER, James, M.**; 5B Hillside Avenue, Newburyport, MA 01950 (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) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51369** (13) A1

(21) PCT/US98/09840

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

(25) en (26) en

(31) 60/046,356 (32) **13 May/mai 1997 (13.05.1997)** (33) US(31) 60/046,729 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61M 39/02, 5/142, 5/30, 15/00, A61B 17/39**(54) ● GLOBAL MEDICAL TREATMENT METHOD AND APPARATUS
● DISPOSITIF ET TROUSSE POUR TRAITEMENT MEDICAL GLOBAL(71, 72) **EDWARDS, Stuart, D.** [US/US]; 658 Westridge Drive, Portola Valley, CA 94028 (US).(74) **WEITZ, David, J.**; 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 LR LS LT LU LV MD MG MK MN MW MX 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 98/51370** (13) A1

(21) PCT/US98/10134

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 60/046,288 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61N 1/04**

- (54) ● ELECTRICALLY CONDUCTIVE MEMBRANE SUITABLE FOR MEDICAL USES
● MEMBRANE ELECTRIQUEMENT CONDUCTRICE A USAGE MEDICAL

(71) **RTC, INC.** [US/US]; 1777 Oakdale Avenue, West St. Paul, MN 55118-4031 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BIGONZI-JAKER, Anna, Maria** [US/US]; 2229 County Road H, New Brighton, MN 55112 (US). **JAKER, Marc, L.** [US/US]; 2229 County Road H, New Brighton, MN 55112 (US).

(74) **HAUFF, Charles, F., Jr.**; Snell & Wilmer L.L.P., One Arizona Center, 400 East Van Buren Street, 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).

Published / Publiée : (c)

(11) **WO 98/51371** (13) A1

(21) PCT/US98/10141

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

(25) en (26) en

(31) 08/855,335 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61N 1/40, 1/32**

- (54) ● BONE REPAIR ENHANCER
● RENFORÇATEUR DE REPARATION OSSEUSE

(63) US 08/855,335 (CIP)
13 May/mai 1997 (13.05.1997)

(71, 72) **NIKOLIC, Serjan, D.** [US/US]; 5026 Fulton Street, San Francisco, CA 94121 (US).

(74) **DODD, Travis, L.**; 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 98/51372** (13) A1

(21) PCT/US98/09550

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

(25) en (26) en

(31) 60/046,188 (32) **12 May/mai 1997 (12.05.1997)** (33) US(31) 60/072,121 (32) **22 Jan/jan 1998 (22.01.1998)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61N 5/00**

- (54) ● NON-OCULAR CIRCADIAN CLOCK RESETTING IN HUMANS

- REMISE A ZERO DE L'HORLOGE CIRCADIENNE HUMAINE UTILISANT DES VOIES NON OCULAIRES

(71) **CORNELL RESEARCH FOUNDATION, INC.** [US/US]; Suite 105, 20 Thornwood Drive, Ithaca, NY 14850 (US).

(72) **CAMPBELL, Scott, S.**; 64 Cabin Ridge Road, Chappaqua, NY 10514 (US). **MURPHY, Patricia, J.**; 48 Highland Avenue, Chappaqua, NY 10514 (US).

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

(11) **WO 98/51373** (13) A1

(21) PCT/RU97/00156

(22) **13 May/mai 1997 (13.05.1997)**

(25) ru (26) ru

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A61N 5/06 // A61H 39/00**

- (54) ● DEVICE FOR REFLEXO-THERAPY
● APPAREIL DE REFLEXOTHERAPIE

(71, 72) **MUZHNIKOV, Valery Gennadievich** [RU/RU]; ul. Saltykova-Schedrina, 19-26, St.Petersburg, 191123 (RU).

(74) **LASHOVA, Svetlana Mikhailovna**; Novoizmailovsky pr., 69-89, St.Petersburg, 196247 (RU).

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

(11) **WO 98/51374** (13) A2

(21) PCT/RU98/00118

(22) **13 Apr/avr 1998 (13.04.1998)**

(25) ru (26) ru

(31) 97107903 (32) **14 May/mai 1997 (14.05.1997)** (33) RU

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A62C**

- (54) ● FIRE-EXTINGUISHING EQUIPMENT
● APPAREIL ANTI-INCENDIE

(71) **NAUCHNO-ISSLEDOVATELSKY INSTITUT NIZKIKH TEMPERATUR PRI MAI (MOSKOVSKOM AVIATIONNOM INSTITUTTE-TEKHNIKESKOM UNIVERSITETE)** [RU/RU]; Volokolamskoe shosse, 4, GSP, Moscow, 125871 (RU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZUEV, Jury Vladimirovich** [RU/RU]; ul. Parkovaya, 13a-58, pos. Nakhabino, Moskovskaya obl. 14340 (RU). **KARPYSHEV, Alexandr Vladimirovich** [RU/RU]; Olimpiyskiy prosp., 28-435,

Moscow, 129272 (RU). **LEPESHINSKY, Igor Alexandrovich** [RU/RU]; Leningradskoe shosse, 132-24, Moscow, 125445 (RU).

(81) AU BG BR CA CN CZ EE FI HU IS JP KR LT LV MX NO NZ PL RO SG SI SK TR UA US 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 98/51375** (13) A2

(21) PCT/US98/10053

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

(25) en (26) en

(31) 08/856,404 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A63B**

- (54) ● GOLF PUTTER
● PUTTER DE GOLF

(71, 72) **MOUNT, Gregory, T.** [US/US]; 6234 Northwoods Glen Drive, Parker, CO 80134 (US). **BALL, Roderick, A.** [US/US]; 14242 East Hawaii Circle, Aurora, CO 80012 (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) 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 KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/51376** (13) A1

(21) PCT/US98/09826

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

(25) en (26) en

(31) 08/856,377 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A63B 22/00, 69/00, 69/18**

- (54) ● TRAINING DEVICE ESPECIALLY ADAPTED FOR USE IN TEACHING TECHNIQUES FOR SNOW BOARDING, SKIING AND THE LIKE
● DISPOSITIF D'ENTRAINEMENT SPECIALEMENT CONÇU POUR DES TECHNIQUES D'APPRENTISSAGE DE SKI, DE PLANCHE A NEIGE ET ANALOGUE

(71, 72) **KELLER, Martin** [US/US]; 13880 Wide Acres Road, Golden, CO 80401 (US).

(74) **WEBB, Glenn, L.** et al. / etc.; Reilly, Purcell, Lewis, P.C., Suite 1500, 1120 Lincoln Street, Denver, CO 80203 (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 98/51377** (13) A1

(21) PCT/US98/06750

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

- (25) en (26) en
 (31) 08/854,682 (32) **12 May/mai 1997** (33) US
 (12.05.1997)
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **A63B 23/03**
 (54) ● DEVICE FOR EXERCISING FACIAL
 MUSCLES
 ● APPAREIL D'EXERCICE DES MUSCLES DE
 LA FACE
 (71, 72) **HAFF, Maurice, W.** [US/US]; 9760 Bantry
 Road, Easton, MD 21601 (US). **GODSHALK,
 James, Bond** [US/US]; 608 Countess Drive, Yard-
 ley, PA 19067 (US). **HELLINGS, William, F.**
 [US/US]; 1103 Stonybrook Drive, Norristown, PA
 19403 (US).
 (74) **ROYLANCE, Stephen, M.**; Greenblum & Bern-
 stein, P.L.C., 1941 Roland Clarke Place, Reston,
 VA 20191 (US).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH
 CN CU CZ DE DK EE ES FI GB GE GH GM
 GW HU ID IL IS JP KE KG KP KR KZ LC LK
 LR LS LT LU LV MD MG MK MN MW MX 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 98/51378** (13) A1

(21) PCT/US97/08365

(22) **15 May/mai 1997** (15.05.1997)

(25) en (26) en

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A63B 53/08, 53/10, 53/12**

- (54) ● GOLF CLUB
 ● CLUB DE GOLF

(71, 72) **MONETTE, David, G.** [US/US]; 6918 N.E.
 79th Court, Portland, OR 97218 (US).

(74) **KLITZKE, Ramon, A., II**; Klarquist Sparkman
 Campbell Leigh & Whinston, L.L.P., One World
 Trade Center, Suite 1600, 121 S.W. Salmon Street,
 Portland, OR 97204 (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 98/51379** (13) A1

(21) PCT/NL98/00273

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

(25) nl (26) en

(31) 1006049 (32) **14 May/mai 1997** (33) NL
 (14.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A63C 19/02, 19/06**

- (54) ● A TENNIS COURT COMPRISING SERVICE
 COURTS OF REDUCED WIDTH
 ● COURT DE TENNIS COMPRENANT DES
 CARRÉS DE SERVICE DE LARGEUR RE-
 DUITÉ

(71) **J.N. LEYDES BEHEER B.V.** [NL/NL]; Parkmos
 21, NL-2914 LR Nieuwerkerk aan den IJssel (NL).
COLINA B.V. [NL/NL]; Hoofdweg-Zuid 22-A,
 NL-2912 ED Nieuwerkerk aan den IJssel (NL).
*(for all designated States except / pour tous les États
 désignés sauf US)*

(72, 75) **ROOMANS, Marcel, Jean, Lambert**
 [NL/NL]; Dorpsstraat 40, NL-5241 ED Ros-
 malen (NL).

(74) **VAN KAN, J., J., H.**; Algemeen Octrooibureau,
 World Trade Center, Past. Petersstraat 160,
 NL-5612 LV Eindhoven (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).

Published / Publiée : (c)

(11) **WO 98/51380** (13) A1

(21) PCT/DE98/01285

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

(25) de (26) de

(31) 297 08 601.4 (32) **14 May/mai 1997** (33) DE
 (14.05.1997)

(31) 197 40 159.7 (32) **14 Sep/sep 1997** (33) DE
 (14.09.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A63C 19/06**

- (54) ● DEVICE FOR GATE POLES
 ● DISPOSITIF POUR PIQUETS DE PORTE

(71, 72) **SCHNOCK, Wilhelm** [DE/DE]; Hechtsees-
 trasse 13, D-81671 München (DE). **HUBER, Al-
 fred** [DE/DE]; Bahnhofstrasse 5, D-83626 Valley
 (DE).

(74) **HANKE, Hilmar**; Leopoldstrasse 77, D-80802
 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).

Published / Publiée : (c)

(11) **WO 98/51381** (13) A1

(21) PCT/US98/09982

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

(25) en (26) en

(31) 08/857,948 (32) **16 May/mai 1997** (33) US
 (16.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A63F 3/06**

- (54) ● A PROBABILITY GAME
 ● JEU DE PROBABILITE

(71, 72) **KAMILLE, Stuart, J.** [US/US]; 636 Jefferson
 Circle, Atlanta, GA 30328 (US).

(74) **MALLIE, Michael, J.** et al. / etc.; Blakely,
 Sokoloff, Taylor & Zafman LLP, 7th floor, 12400
 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AL AM AT AT (Utility model / modèle d'utilité)
 AU (Petty patent) AZ BA BB BG BR BY CA CH
 CN CU CZ CZ (Utility model / modèle d'utilité)
 DE DE (Utility model / modèle d'utilité) DK DK
 (Utility model / modèle d'utilité) EE EE (Utility
 model / modèle d'utilité) ES FI FI (Utility model /
 modèle d'utilité) GB GE GH GM GW HU ID IL
 IS JP KE KG KP KR KZ 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).

Published / Publiée : (c)

(11) **WO 98/51382** (13) A1

(21) PCT/US98/10084

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

(25) en (26) en

(31) 08/857,578 (32) **16 May/mai 1997** (33) US
 (16.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A63F 3/06**

- (54) ● A PROBABILITY GAME WITH INSURED
 WINNING
 ● JEU DE PROBABILITE A GAIN ASSURE

(71, 72) **KAMILLE, Stuart, J.** [US/US]; 636 Jefferson
 Circle, Atlanta, GA 30328 (US).

(72) **KAMILLE, Kathleen, R.**; 636 Jefferson Circle,
 Atlanta, GA 30328 (US).

(74) **MALLIE, Michael, J.** et al. / etc.; Blakely,
 Sokoloff, Taylor & Zafman LLP, 7th floor, 12400
 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AL AM AT AT (Utility model / modèle d'utilité)
 AU (Petty patent) AZ BA BB BG BR BY CA CH
 CN CU CZ CZ (Utility model / modèle d'utilité)
 DE DE (Utility model / modèle d'utilité) DK DK
 (Utility model / modèle d'utilité) EE EE (Utility
 model / modèle d'utilité) ES FI FI (Utility model /
 modèle d'utilité) GB GE GH GM GW HU ID IL
 IS JP KE KG KP KR KZ 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 98/51383** (13) A1

(21) PCT/US98/10085

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

(25) en (26) en

(31) 08/858,008 (32) **16 May/mai 1997** (33) US
 (16.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A63F 3/06**

- (54) ● A PROBABILITY GAME
 ● JEU DE PROBABILITES

(71, 72) **KAMILLE, Stuart, J.** [US/US]; 636 Jefferson
 Circle, Atlanta, GA 30328 (US).

(74) **MALLIE, Michael, J.** et al. / etc.; Blakely,
 Sokoloff, Taylor & Zafman LLP, 7th floor, 12400
 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU (Petty patent) AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ 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 98/51384** (13) A1

(21) PCT/AU98/00341

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

(25) en (26) en

(31) PO 6725 (32) **9 May/mai 1997 (09.05.1997)** (33) AU

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A63F 9/22, G06F 161/00, G07F 17/32**

(54) ● A COMPETITIVE ARCADE GAMING SYSTEM
● JEU D'ARCADE DE COMPETITION

(71) **ARISTOCRAT LEISURE INDUSTRIES PTY. LTD.** [AU/AU]; 85-113 Dunning Avenue, Rosebery, NSW 2018 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MUIR, Robert, Linley** [AU/AU]; 7/6 Benton Avenue, Artarmon, NSW 2064 (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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/51385** (13) A1

(21) PCT/JP98/02098

(22) **12 May/mai 1998 (12.05.1998)**

(25) ja (26) ja

(31) 9/137418 (32) **13 May/mai 1997 (13.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A63G 31/02, 21/04**

(54) ● GAME MACHINE FOR MOVING BODY
● MACHINE DE JEUX POUR CORPS EN MOUVEMENT

(71, 72) **TANAKA, Shigenobu** [JP/JP]; 336-1-707, Hisasue, Takatsu-ku, Kawasaki-shi, Kanagawa 213-0026 (JP).

(74) **KOBAYASHI, Tetsuo**; Suzusho Building 2F, 13-9, Shimbashi 6-chome, Minato-ku, Tokyo 105-0004 (JP).

(81) AU BR KR US; EP (DE GB IT MC).

(11) **WO 98/51386** (13) A1

(21) PCT/AT98/00124

(22) **12 May/mai 1998 (12.05.1998)**

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(31) A 836/97 (32) **15 May/mai 1997 (15.05.1997)** (33) AT

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **A63H 3/50**

(54) ● DOLL STAND
● SUPPORT POUR POUPEE

(71, 72) **GUSCHLBAUER, Franz** [AT/AT]; Johann Straussgasse 52, A-2340 Mödling (AT).

(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 98/51387** (13) A2

(21) PCT/US98/09970

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

(25) en (26) en

(31) 08/857,370 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B01D**

(54) ● ULTRASONIC METHODS AND APPARATUS FOR SEPARATING MATERIALS IN A FLUID MIXTURE
● PROCÉDES ET DISPOSITIF A ULTRASON POUR LA SEPARATION DE MATIERES DANS UN MELANGE FLUIDE

(71, 72) **SCOTT, Harold, W.** [US/US]; 1528-B Orange Avenue, Costa Mesa, CA 92627 (US).

(74) **BEE, Richard, E.**; P.O. Box 10544, Costa Mesa, CA 92627 (US).

(81) SG.

(11) **WO 98/51388** (13) A1

(21) PCT/EP98/02687

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

(25) de (26) de

(31) 197 19 720.5 (32) **9 May/mai 1997 (09.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B01D 1/00**

(54) ● METHOD FOR REDUCING METAL ION CONTENT IN A CHEMICAL COMPOUND WITH A DIPOLE MOMENT
● PROCÉDE POUR REDUIRE LA TENEUR EN IONS METALLIQUES DANS UN COMPOSE CHIMIQUE A MOMENT DIPOLAIRE

(71) **RIEDEL-DE HAEN GMBH** [DE/DE]; Wunstorfer Strasse 40, D-30926 Seelze (DE).
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(72, 75) **SIEVERT, Wolfgang** [DE/DE]; Dresdener Strasse 10, D-31515 Wunstorf (DE). **LEIFELS, Joachim** [DE/DE]; Südfeld 4, D-30989 Gehrden (DE).

(74) **GEISSLER, Bernhard**; Bardehle, Pagenberg, Dost, Altenburg, Geissler, Isenbruck, Galileiplatz 1, D-81679 München (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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) 60/046,231 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B01D 3/16, 3/18, 3/32**

(54) ● VAPOR-LIQUID CONTACT TRAY WITH TWO-STAGE DOWNCOMER
● BAC DE MISE EN CONTACT VAPEUR-LIQUIDE A CONDUIT DE DESCENTE A DEUX ETAGES

(71) **KOCH-GLITSCH, INC.** [US/US]; 4111 East 37th Street North, Wichita, KS 67220 (US).

(72) **YEOMAN, Neil**; 1723 Alexis Road, Merrick, NY 11566 (US). **HSIEH, Chang-Li**; 210 Litchfield Drive, Carlisle, MA 01741 (US).

(74) **HURD, Michael, B.** et al. / etc.; Shook, Hardy & Bacon L.L.P., One Kansas City Place, 1200 Main Street, Kansas City, MO 64105 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51390** (13) A1

(21) PCT/US98/09808

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 60/046,230 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B01D 3/20, 3/22**

(54) ● VAPOR LIQUID CONTACT TRAY WITH RELIEF WEIR SUMPS
● PLATEAU DE CONTACT VAPEUR-LIQUIDE COMPORTANT DES BACS DE DEVERSOIR DE DECHARGE

(71) **KOCH-GLITSCH, INC.** [US/US]; 4111 East 37th Street North, Wichita, KS 67220 (US).

(72) **HSIEH, Chang-Li**; 210 Litchfield Drive, Carlisle, MA 01741 (US).

(74) **HURD, Michael, B.** et al. / etc.; Shook, Hardy & Bacon L.L.P., One Kansas City Place, 1200 Main Street, Kansas City, MO 64105 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51391** (13) A1
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 (25) en (26) en
 (31) 08/857,039 (32) **15 May/mai 1997 (15.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **B01D 15/08**
 (54) ● SINGLE COLUMN CLOSED-LOOP RECYCLING WITH PERIODIC INTRA-PROFILE INJECTION
 ● RECYCLAGE EN CIRCUIT FERME A UNE SEULE COLONNE AVEC INJECTION PERIODIQUE DANS LE CIRCUIT
 (71) **MERCK PATENT GMBH** [DE/DE]; Frankfurter Strasse 250, D-64293 Darmstadt (DE).
 (72) **GRILL, M., Charles**; 165 Stone Ridge Drive, East Greenwich, RI 02818 (US).
 (74) **MERCK PATENT GMBH**; Frankfurter Strasse 250, D-64293 Darmstadt (DE).
 (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 98/51392** (13) A1
 (21) PCT/US98/10032
 (22) **14 May/mai 1998 (14.05.1998)**
 (25) en (26) en
 (31) 08/856,263 (32) **14 May/mai 1997 (14.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **B01D 17/022, B01J 13/00, C02F 1/52**
 (54) ● OIL COAGULANT PRODUCTS AND METHOD OF USE THEREFOR
 ● PRODUITS COAGULANT LE PETROLE ET PROCÉDE D'UTILISATION DESDITS PRODUITS
 (71) **MANSFIELD & ALPER, INC.** [US/US]; 1175 Airport Parkway, S.W., Gainesville, GA 30501-6815 (US).
 (72) **ALPER, Haluk**; 6488 Ford Road, Flower Branch, GA 30542 (US).
 (74) **KLAUBER, Stefan, J.** et al. / etc.; Klauber & Jackson, 411 Hackensack Avenue, Hackensack, NJ 07601 (US).
 (81) AL AU BA BB BG BR CA CN CU CZ EE GE 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 UG 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 98/51393** (13) A1
 (21) PCT/EP98/02752
 (22) **12 May/mai 1998 (12.05.1998)**
 (25) en (26) en
 (31) 9709811.5 (32) **14 May/mai 1997 (14.05.1997)** (33) GB
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **B01D 17/04, 9/04, C02F 1/22**
 (54) ● SEPARATION OF A TWO PHASE MIXTURE BY FREEZING
 ● SEPARATION D'UN MELANGE A DEUX PHASES PAR CONGELATION
 (71) **GLAXO GROUP LIMITED** [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).
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(72, 75) **DEAL, Martyn, John** [GB/GB]; Glaxo Wellcome plc, Gunnels Wood Road, Stevenage, Herts SG1 2NY (GB). **HAWES, Michael, Carl** [GB/GB]; 5 Marlborough Court, Lyndhurst Road, Exeter, Devon EX2 4NX (GB).

(74) **LANE, Graham**; 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).

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(11) **WO 98/51394** (13) A1
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 (31) 08/857,702 (32) **16 May/mai 1997 (16.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **B01D 17/12**
 (54) ● WATER DISTILLER SYSTEM FOR MEDICAL APPLICATIONS
 ● SYSTEME DE DISTILLATION D'EAU POUR APPLICATIONS MEDICALES
 (71) **PURE WATER, INC.** [US/US]; 3725 Touzalin Avenue, P.O. Box 83226, Lincoln, NE 68501 (US).
 (72) **SWANCARA, John, M.**; 1930 Hartman Road, Lincoln, NE 68522 (US).
 (74) **BURKHART, Frederick, S.**; Van Dyke, Gardner, Linn & Burkhardt, 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 HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MW MX 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) 60/046,531 (32) **15 May/mai 1997 (15.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **B01D 21/30, 35/00, B08B 5/04, E04H 3/16, 4/12, 4/16**
 (54) ● METHOD AND SYSTEM FOR CLEANING A WATER BASIN FLOOR
 ● PROCÉDE ET SYSTEME DE NETTOYAGE DU FOND D'UN BASSIN
 (71) **ORANGE COUNTY WATER DISTRICT** [US/US]; 10500 Ellis Avenue, Fountain Valley, CA 92708 (US).

(72) **CLARK, Andrew, M.**; 720 17th Street, S.W., Vero Beach, FL 32962 (US). **NEELY, Jerry**; 135 21st Avenue, Vero Beach, FL 32062 (US). **HOLT, John**; 11122 Orange Avenue, Ft. Pierce, FL 34945 (US). **LOPATA, Marc**; 1125 4th Terrace, S.W., Vero Beach, FL 32962 (US). **FLOWERS, Allan**; 3535 Miraloma Avenue, Anaheim, CA 92807 (US). **MIYAKE, Michio**; 10500 Ellis Avenue, Fountain Valley, CA 92708 (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).

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 (31) 197 19 807.4 (32) **13 May/mai 1997 (13.05.1997)** (33) DE
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **B01D 39/16, D21H 27/08, A47J 31/08, B65D 81/34**
 (54) ● HEAT-SEALABLE FILTER MATERIAL WITH BIODEGRADABLE POLYMERS
 ● MATERIAU FILTRANT THERMOSCÉLABLE COMPORTANT DES POLYMERES BIODEGRADABLES
 (71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE). **PAPIERFABRIK SCHOELLER & HOESCH GMBH** [DE/DE]; Hördener Strasse 3-7, D-76593 Gernsbach (DE).
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(72, 75) **TIMMERMANN, Ralf** [DE/DE]; Scheiblers-trasse 81, D-47800 Krefeld (DE). **GRIGAT, Ernst** [DE/DE]; Grundermühlenweg 16, D-51381 Leverkusen (DE). **SCHULZ-SCHLITTE, Wolfgang** [DE/DE]; Von-Kniprode-Weg 7, D-40764 Langenfeld (DE). **SCHROFT, Sabine** [DE/DE]; Gallenbacherstrasse 9, D-76534 Baden-Baden (DE). **GRANGLADEN, Richard** [DE/FR]; Grand Rue 15, F-68170 Rixheim (FR). **HEINRICH, Günter** [DE/DE]; Schubertstrasse 28, D-76593 Gernsbach (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) 60/046,544 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B01D 53/04**

- (54) ● FUEL VAPOR RECOVERY CANISTER UTILIZING ACTIVATED CARBON TEXTILE
● CARTOUCHE DE RECUPERATION DE VAPEURS DE CARBURANT UTILISANT UN TEXTILE A CHARBON ACTIF
- (71) **FORM RITE CORP.** [US/US]; 3955 Pinnacle Court, Auburn Hills, MI 48326 (US).

(72) **McMAHON, Brian** (deceased / décédé). **MAY, Tim, Munro**; 3 Church Lane, Lostwithiel Cornwall PL22 0IDA (GB).

(74) **CARLSON, John, E.** et al. / etc.; Howard & Howard Attorneys P.C., Suite 101, 1400 North Woodward Avenue, Bloomfield Hills, MI 48304 (US).

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

(11) **WO 98/51398** (13) A1

(21) PCT/US98/09968

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

(25) en (26) en

(31) 08/857,073 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B01D 53/047**

- (54) ● PRESSURE SWING SYSTEM WITH AUXILIARY ADSORBENT BED
● SYSTEME D'ADSORPTION MODULEE EN PRESSION A LIT ADSORBANT AUXILIAIRE

(71) **NITROTEC CORPORATION** [US/US]; 500 Fifth Avenue, New York, NY 10110-4898 (US).

(72) **REINHOLD, Herbert, III**; 51 Stardust Place, The Woodlands, TX 77381 (US). **HUBER, Mark**; 15 High Chaparral, Andrews, TX 79714 (US). **KING, David, R.**; 19714 Morning Brook Lane, Houston, TX 77094 (US).

(74) **GRANDINETTI, Paul**; Suite 1401, 1725 K Street, N.W., Washington, DC 20006-1401 (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 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) 1006013 (32) **9 May/mai 1997 (09.05.1997)** (33) NL

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B01D 53/22**

- (54) ● APPARATUS AND METHOD FOR PERFORMING MEMBRANE GAS/LIQUID ABSORPTION AT ELEVATED PRESSURE
● APPAREIL ET PROCEDE POUR REALISER UNE ABSORPTION GAZEUSE ET LIQUIDE PAR MEMBRANE A UNE PRESSION ELEVEE

(71) **NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO** [NL/NL]; Schoemakerstraat 97, Postbus 6080, NL-2600 JA Delft (NL).
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(72, 75) **JANSEN, Albert, Edward** [NL/NL]; Boven-camp 63, NL-3992 RX Houten (NL). **FERON, Paul, Hubert, Maria** [NL/NL]; Chopinlaan 17, NL-3706 BH Zeist (NL). **HANEMAAIJER, Jan, Hendrik** [NL/NL]; Utrechtseweg 27, NL-6862 AB Oosterbeek (NL). **HUISJES, Piet** [NL/NL]; De Jonckheerelaan 112, NL-7441 HK Nijverdal (NL).

(74) **DE BRUIJN, Leendert, C.**; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

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

(11) **WO 98/51400** (13) A1

(21) PCT/EP98/02828

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

(25) fr (26) fr

(31) 9700417 (32) **14 May/mai 1997 (14.05.1997)** (33) BE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B01D 53/34, 53/83**

- (54) ● REACTIVE POWDER COMPOSITION AND METHOD FOR PURIFYING GAS
● COMPOSITION REACTIVE PULVERULENTE ET PROCEDE POUR L'EPURATION D'UN GAZ

(71) **SOLVAY (SOCIETE ANONYME)** [BE/BE]; Rue du Prince Albert 33, B-1050 Bruxelles (BE).
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(72, 75) **FAGIOLINI, Nilo** [IT/IT]; Via Della Repubblica, 9/B, I-57013 Rosignano-Solvay (IT). **DEPELSENAIRE, Guy** [BE/BE]; Avenue des Combattants 28, B-1490 Court-Saint-Etienne (BE). **BERTEAU, Pascal** [BE/BE]; Cours des 3 Fontaines 8, B-1348 Louvain-La-Neuve (BE).

(74) **ANTHOINE, Paul** et al. / etc.; Solvay (Société Anonyme), Rue de Ransbeek 310, B-1120 Bruxelles (BE).

- (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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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) 101490 (32) **15 May/mai 1997 (15.05.1997)** (33) BG

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B01D 53/94, B01J 23/52**

- (54) ● GOLD BASED CATALYST FOR EXHAUST GAS PURIFICATION
● CATALYSEUR A BASE D'OR POUR LA PURIFICATION DE GAZ D'ECHAPPEMENT

(71) **LAMAN CONSULTANCY LIMITED** [BG/BG]; Veliko Tarnovo Street, 24, Sofia (BG).
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(72, 75) **PETROV, Lachezar Angelov** [BG/BG]; Mladost, Bl.96, Vh.A, Et.2, Sofia (BG).

(74) **VARBANOV, Julian Ivanov**; Patent and Trademark Bureau, 2nd floor, Pozitano Street, 3, Sofia (BG).

(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) 197 20 209.8 (32) **14 May/mai 1997 (14.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B01D 53/94, F01N 3/20**

- (54) ● METHOD AND DEVICE FOR REDUCING NITROGEN OXIDES IN AN SCR CATALYST
● PROCEDE ET DISPOSITIF POUR LA REDUCTION DES OXYDES NITRIQUES SUR UN POT CATALYTIQUE A REDUCTION SELECTIVE CATALYTIQUE

(71) **HJS FAHRZEUGTECHNIK GMBH & CO.** [DE/DE]; Dieselweg 12, D-58706 Menden (DE).
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- (71, 72) **WEISWEILER, Werner** [DE/DE]; Goethering 107, D-75196 Remchingen (DE).
- (74) **SCHRÖTER & HAVERKAMP**; Im Tückwinkel 22, D-58636 Iserlohn (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 98/51403** (13) A1
- (21) PCT/US98/08480
- (22) **28 Apr/avr 1998 (28.04.1998)**
- (25) en (26) en
- (31) 08/847,091 (32) **10 May/mai 1997 (10.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B01D 67/00, 69/12, 71/36, 71/32, C08J 5/22**
- (54) ● PROCESS FOR MAKING SURFACE MODIFIED POROUS MEMBRANE WITH PERFLUOROCARBON COPOLYMER
● PROCEDE DE FABRICATION D'UNE MEMBRANE POREUSE A SURFACE MODIFIEE AVEC UN COPOLYMER PERFLUOROCARBONE
- (71) **MILLIPORE CORPORATION** [US/US]; 80 Ashby Road, Bedford, MA 01730 (US).
- (72) **MOYA, Wilson**; 10 Dubeau Drive, Derry, NH 03038 (US).
- (74) **HUBBARD, John, Dana** et al. / etc.; Millipore Corporation, 80 Ashby Road, Bedford, MA 01730 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/51404** (13) A1

- (21) PCT/US98/10112
- (22) **15 May/mai 1998 (15.05.1998)**
- (25) en (26) en
- (31) 08/857,496 (32) **16 May/mai 1997 (16.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B01F 3/08**
- (54) ● AUTOMATED LIQUID MANUFACTURING SYSTEM
● SYSTEME AUTOMATIQUE DE FABRICATION DE LIQUIDE
- (71) **LIFE TECHNOLOGIES, INC.** [US/US]; 9800 Medical Center Drive, Rockville, MD 20850 (US).

- (72) **KUBIAK, James, M.**; 330 Lydia Lane, Depew, NY 14043 (US). **BATTISTONI, Todd, A.**; 9420 Dana Court, Clarence, NY 14032 (US). **JAYME, David, W.**; 907 Carter Creek Drive, Grand Island, NY 14072 (US).
- (74) **KESSLER, Edward, J.** et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/51405** (13) A1
- (21) PCT/US98/09650
- (22) **12 May/mai 1998 (12.05.1998)**
- (25) en (26) en
- (31) 08/854,940 (32) **13 May/mai 1997 (13.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B01F 5/06, 13/00**
- (54) ● TWO-PART STREAM DISPENSING FOR HIGH VISCOSITY MATERIALS
● DISTRIBUTION D'UN ECOULEMENT A DEUX CONSTITUANTS POUR MATIERES A VISCOSITE ELEVEE
- (71) **INGERSOLL-RAND COMPANY** [US/US]; 200 Chestnut Ridge Road, P.O. Box 8738, Woodcliff Lake, NJ 07675-8738 (US).
- (72) **DEFILLIPI, Michael, E.**; 1380 Yorkshire, Grosse Pointe Park, MI 48230 (US). **KREMER, Gregory, D.**; 34748 Haldane, Divonia, MI 48152 (US). **BECCKER, Michael, R.**; 12331 Canal Road, Sterling Heights, MI 48313 (US).
- (74) **YOUNG, Thomas, N.**; Young & Basile, P.C., Suite 624, 3001 West Big Beaver, Troy, MI 48084 (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 IS JP KE KG KP KR KZ LC LK LR LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/51406** (13) A1
- (21) PCT/IB98/00740
- (22) **15 May/mai 1998 (15.05.1998)**
- (25) en (26) en
- (31) 60/046,656 (32) **16 May/mai 1997 (16.05.1997)** (33) US
- (31) 09/078,832 (32) **14 May/mai 1998 (14.05.1998)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B01F 5/18, 3/12**
- (54) ● PREWETTING MIXER
● MELANGEUR POUR HUMECTATION PREALABLE

- (71) **CHEM FINANCIAL, INC.** [CA/CA]; 2198 Arbourview Drive, Oakville, Ontario L6M 3N7 (CA).
- (72) **OGIER, Ray**; 2600 No. 8 Sideroad, R.R. #2, Milton, Ontario L9P 2X6 (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 98/51407** (13) A1

- (21) PCT/US98/09941
- (22) **15 May/mai 1998 (15.05.1998)**
- (25) en (26) en
- (31) 08/857,604 (32) **16 May/mai 1997 (16.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B01J 8/22, C10G 2/00**
- (54) ● SLURRY HYDROCARBON SYNTHESIS WITH EXTERNAL PRODUCT FILTRATION
● SYNTHESE D'HYDROCARBURES EN SUSPENSION ASSOCIEE A UNE FILTRATION EXTERNE DES PRODUITS
- (71) **EXXON RESEARCH AND ENGINEERING COMPANY** [US/US]; P.O. Box 390, 180 Park Avenue, Florham Park, NJ 07932-0390 (US).
- (72) **DEGEORGE, Charles, W.**; 208 North Road, Chester, NJ 07930 (US). **CHANG, Min**; 4 Quail Run, Warren, NJ 07059 (US).
- (74) **SIMON, Jay** et al. / etc.; Exxon Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932-0390 (US).
- (81) AU BR CA JP 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 98/51408** (13) A1

- (21) PCT/IB98/00686
- (22) **8 May/mai 1998 (08.05.1998)**
- (25) en (26) en
- (31) 08/855,499 (32) **13 May/mai 1997 (13.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B01J 20/28, C08L 33/00, 39/06, A61L 15/60, C08J 9/00**
- (54) ● HYDROGEL COMPOSITES AND SUPERPOROUS HYDROGEL COMPOSITES HAVING FAST SWELLING, HIGH MECHANICAL STRENGTH, AND SUPERABSORBENT PROPERTIES
● COMPOSITES D'HYDROGEL ET COMPOSITES D'HYDROGEL SUPERPOREUX AVEC ACTION GONFLANTE RAPIDE, RESISTANCE MECANIQUE ELEVEE ET PROPRIETES SUPERABSORBANTES
- (71, 72) **PARK, Kinam** [KR/US]; 455 Lagrange Street, West Lafayette, IN 47906 (US).
- (72) **CHEN, Jun**; Apartment J1-9, 2058 Maple Avenue, Hatfield, PA 19440 (US). **PARK, Haesun**; 455 Lagrange Street, West Lafayette, IN 47906 (US).

- (74) **PRICE, Robert, L.** et al. / etc.; McDermott, Will & Emery, Suite 300, 99 Canal Center Plaza, Alexandria, VA 22314 (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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/51409** (13) A1

(21) PCT/US98/07400

(22) **13 Apr/avr 1998 (13.04.1998)**

(25) en (26) en

(31) 08/854,646 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B01J 23/00, 23/02, 29/04, 29/06, 21/00, C07C 4/12, 15/00**

- (54) ● IMPROVED CATALYST COMPOSITION USEFUL FOR CONVERSION OF NON-AROMATIC HYDROCARBONS TO AROMATICS AND LIGHT OLEFINS
- COMPOSITION CATALYTIQUE AMELIOREE CONVENANT POUR UNE CONVERSION D'HYDROCARBURES NON AROMATIQUES EN AROMATES ET OLEFINES LEGERES

(71) **PHILLIPS PETROLEUM COMPANY** [US/US]; 4th and Keeler, Bartlesville, OK 74004 (US).

(72) **DRAKE, Charles, Alfred**; Route 1, Box 206, Nowata, OK 74048 (US). **WU, An-Hsiang**; 854 Concord Drive, Bartlesville, OK 74006 (US).

(74) **WEST, Paul, B.**; 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 KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51410** (13) A1

(21) PCT/JP97/02842

(22) **15 Aug/août 1997 (15.08.1997)**

(25) ja (26) ja

(31) 9/119914 (32) **9 May/mai 1997 (09.05.1997)** (33) JP

(31) 9/119915 (32) **9 May/mai 1997 (09.05.1997)** (33) JP

(31) 9/120931 (32) **12 May/mai 1997 (12.05.1997)** (33) JP

(31) 9/148223 (32) **5 Jun/juin 1997 (05.06.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B01J 35/04, B32B 3/12, B21D 47/00, B23K 20/14, 20/18, 101/20**

- (54) ● EXHAUST GAS CLEANING CATALYST METAL HONEY COMB ELEMENT AND ITS MANUFACTURE

- ELEMENT EN NID D'ABEILLES METALLIQUE CATALYTIQUE POUR LA PURIFICATION DES GAZ D'ECHAPPEMENT, ET SA FABRICATION

(71) **NIPPON STEEL CORPORATION** [JP/JP]; 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-71 (JP).

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- (72, 75) **OOTANI, Tadayuki** [JP/JP]; Nippon Steel Corporation Nagoya Works, 5-3, Tokaimachi, Tokai City, Aichi 476 (JP). **IMAL, Atuhiko** [JP/JP]; Nippon Steel Corporation Nagoya Works, 5-3, Tokaimachi, Tokai City, Aichi 476 (JP). **KASUYA, Masayuki** [JP/JP]; Nippon Steel Corporation Nagoya Works, 5-3, Tokaimachi, Tokai City, Aichi 476 (JP). **IWAMI, Kazutoshi** [JP/JP]; Nippon Steel Corporation, 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-71 (JP). **UTUMI, Tooru** [JP/JP]; Nippon Steel Corporation, 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-71 (JP). **YAMANAKA, Mikio** [JP/JP]; Nippon Steel Corporation Technical Development Bureau, 20-1, Shintomi, Futtsu City, Chiba 299-12 (JP). **OHTA, Hitoshi** [JP/JP]; Nippon Steel Corporation, 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-71 (JP). **TOKUNAGA, Yoshikuni** [JP/JP]; Nippon Steel Corporation Nagoya Works, 5-3, Tokaimachi, Tokai City, Aichi 476 (JP). **SHIMIZU, Fujio** [JP/JP]; Nippon Steel Corporation Nagoya Works, 5-3, Tokaimachi, Tokai City, Aichi 476 (JP). **EGAMI, Toshihiro** [JP/JP]; Nippon Steel Corporation Nagoya Works, 5-3, Tokaimachi, Tokai City, Aichi 476 (JP). **NODA, Tamio** [JP/JP]; Nippon Steel Corporation Nagoya Works, 5-3, Tokaimachi, Tokai City, Aichi 476 (JP).

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

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

(11) **WO 98/51411** (13) A2

(21) PCT/AT98/00119

(22) **8 May/mai 1998 (08.05.1998)**

(25) de (26) de

(31) A 798/97 (32) **12 May/mai 1997 (12.05.1997)** (33) AT

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B01L 3/14, G01N 33/49**

- (54) ● SEPARATING IN A CENTRIFUGABLE CONTAINER AND SEPARATING METHOD
- DISPOSITIF DE SEPARATION DANS UN RECIPIENT CENTRIFUGABLE ET PROCEDE DE SEPARATION

(71) **C.A. GREINER & SÖHNE GESELLSCHAFT MBH** [AT/AT]; Greiner Strasse 70, A-4550 Kremsmünster (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KONRAD, Franz** [AT/AT]; Ett 11, A-4690 Schwanenstadt (AT).

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

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DE (Utility model / modèle d'utilité) DK EE ES FI GB GE GH 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 98/51412** (13) A1

(21) PCT/IT97/00114

(22) **16 May/mai 1997 (16.05.1997)**

(25) en (26) en

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B01L 3/14, A61K 35/52**

- (54) ● DENSITY GRADIENT SEDIMENTATION AND SWIM-UP TEST TUBE

- CENTRIFUGATION A EQUILIBRE DE DENSITE ET TUBE DE TEST DU SPERME SURNAGEANT

(71, 72) **GUGLIELMO, Roberto** [IT/IT]; Via Formellese Nord, Km. 11,121, I-00060 Formello (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 HU IL IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (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 98/51413** (13) A1

(21) PCT/EP98/02512

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) de (26) de

(31) 197 19 840.6 (32) **12 May/mai 1997 (12.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B02C 13/18, 23/28, 13/286**

- (54) ● MICROEDDY MILL AND METHOD FOR DRYING AND DEAGGLOMERATING POWDERY MATERIALS

- MOULIN A MICROTOUTRILLON ET PROCEDE POUR LE SECHAGE ET LA DESAGGLOMERATION DE MATERIAUX EN POUDRE

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

(72, 75) **BERG, Hans-Jürgen** [DE/DE]; Stammheimer Ring 36 A, D-51061 Köln (DE). **HUFSCHMIDT, Rolf** [DE/DE]; Fichtenweg 18, D-51467 Bergisch Gladbach (DE). **RINGE, Peter** [DE/BR]; Avenida Sernambetida, 2970/301, Barra da Tijuca, CEP-22620-172 Rio de Janeiro (BR).

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

(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 98/51414** (13) A1

(21) PCT/US98/09846

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

(25) en (26) en

(31) 08/856,306 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B02C 18/06, 18/16, 18/22**

- (54) ● RUBBER REDUCING AND RECYCLING SYSTEM
● SYSTEME DE REDUCTION ET DE RECYCLAGE DE CAOUTCHOUC
- (71, 72) **KACZMAREK, Win, F.** [US/US]; 41 Hummingbird Lane, Streamwood, IL 60107 (US).

(74) **MILLER, Thomas, A.** et al. / etc.; Leydig, Voit & Mayer, Ltd., Two Prudential Plaza, Suite 4900, 180 North Stetson, Chicago, IL 60601-6780 (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 98/51415** (13) A1

(21) PCT/IB98/00667

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

(25) en (26) en

(31) 9701745-3 (32) **9 May/mai 1997 (09.05.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B05B 12/14, 15/00**

- (54) ● A PLANT FOR FEEDING PAINT TO A SPRAY APPLICATION APPARATUS
● INSTALLATION POUR ALIMENTER EN PEINTURE UN APPAREIL DE MISE EN PEINTURE AU PISTOLET

(71) **ABB FLEXIBLE AUTOMATION A/S** [NO/NO]; P.O. Box 265, N-4341 Bryne (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANFINDSEN, Ole, Arnt** [NO/NO]; Graversveien 47, N-4300 Sandnes (NO).

(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 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 98/51416** (13) A1

(21) PCT/US98/09215

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

(25) en (26) en

(31) 9/139277 (32) **14 May/mai 1997 (14.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B05D 1/04, 3/12, B32B 9/04, C23C 24/00**

- (54) ● PROCESS FOR PHOSPHATING A SUBSTRATE SURFACE AND PRODUCT THEREFROM
● PROCEDE SERVANT A REVETIR AU PHOSPHATE LA SURFACE D'UN SUBSTRAT ET PRODUIT OBTENU

(71) **HENKEL CORPORATION** [US/US]; Suite 200, 2500 Renaissance Boulevard, Gulph Mills, PA 19406 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUKUYA, Kenichi** [JP/JP]; 397-24, Kameino Fujisawa-shi, Kanagawa-ken 252-0813 (JP).
KOJIMA, Ryuji [JP/JP]; 4-6-1-507, Honcho Shibuya-ku, Tokyo 151-0071 (JP). **HIRAI,**

Eiji [JP/JP]; 3819-6, Ebina-shi, Kanagawa-ken 243-0411 (JP).

(74) **WISDOM, Norvell, E., Jr.**; Henkel Corporation, Suite 200, 2500 Renaissance Boulevard, Gulph Mills, PA 19406 (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 98/51417** (13) A1

(21) PCT/US98/10045

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

(25) en (26) en

(31) 60/046,731 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B05D 1/04, 1/36, 1/40, 4/00, 5/12, C08F 2/46, C23C 14/00, 14/06, 14/08, 14/18, 16/00, H01J 1/00, H01T 14/00, H05H 1/24**

- (54) ● METHOD AND APPARATUS FOR MAKING THERMIONIC OXIDE CATHODES
● PROCEDE ET APPAREIL PERMETTANT DE FABRIQUER DES CATHODES A REVETEMENT D'OXYDE THERMO-IONIQUE

(71) **THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY** [US/US]; Suite 350, 900 Welch Road, Palo Alto, CA 94304 (US).

(72) **CARYOTAKIS, George**; 1704 Oak Creek Drive #301, Palo Alto, CA 94304 (US). **SCHEITRUM, Glenn**; 1956 Lexington Avenue, San Mateo, CA 94402 (US). **BROWN, Ian**; 1088 Woodside Road, Berkeley, CA 94708 (US). **MONTEIRO, Othon, R.**; 7377 Saroni Drive, Oakland, CA 92611 (US).

(74) **McFARLANE, Thomas, J.**; 426 Lowell Avenue, Palo Alto, CA 94301 (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 98/51418** (13) A1

(21) PCT/GB98/01364

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

(25) en (26) en

(31) 9709757.0 (32) **15 May/mai 1997 (15.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B05D 1/20**

- (54) ● MEMBRANE FORMED ON A SOLID SUBSTRATE
● MEMBRANE FORMEE SUR UN SUBSTRAT SOLIDE

(71) **COVENTRY UNIVERSITY** [GB/GB]; Priory Street, Coventry CV1 5FB (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PETERSON, Ian** [AU/GB]; Coventry University, Priory Street, Coventry CV1 5FB (GB).

(74) **HALLAM, Arnold, Vincent**; Lewis & Taylor, 5 The Quadrant, Coventry CV1 2EL (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 98/51419** (13) A1

(21) PCT/US98/09767

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

(25) en (26) en

(31) 60/046,885 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B05D 7/00, B22F 1/02, 3/00, C22C 29/00**

- (54) ● TOUGH-COATED HARD POWDERS AND SINTERED ARTICLES THEREOF
● POUDRES DURES A REVETEMENT RESISTANT ET ARTICLES FRITTES PRODUITS A PARTIR DE CES POUDRES

(71, 72) **TOTH, Richard, Edmund** [US/US]; P.O. Box 458, Lumber City, GA 31549 (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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/51420** (13) A1

(21) PCT/US98/09851

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

(25) en (26) en

(31) 08/858,217 (32) **10 May/mai 1997 (10.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B09B 3/00, C07C 4/00, 6/00, C12N 1/00, 1/20**

- (54) ● MICROORGANISM CULTURE FOR REMEDIATION OF CHLORINATED HYDROCARBONS AND METHOD OF USE
● CULTURE DE MICRO-ORGANISME POUR ASSAINISSEMENT D'HYDROCARBURES CHLORES ET PROCEDE D'UTILISATION

(71) **ERM SOUTHWEST, INC.** [US/US]; 16300 Katy Freeway, Houston, TX 77084 (US). **BIOGEE International, Inc.** [US/US]; Two Park Ten Place, Suite 100, 16300 Katy Freeway, Houston, TX 77094 (US).

(72) **BOST, Richard, C.**; 16300 Katy Freeway, Houston, TX 77084 (US). **BARBER, Trey**; Two Park Ten Place, Suite 100, 16300 Katy Freeway, Houston, TX 77094 (US).

(74) **McGREGOR, Martin, L.**; McGregor & Adler, LLP, 5380 W. 34th Street #345, Houston, TX 77092 (US).

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

- (11) **WO 98/51421** (13) A1
 (21) PCT/SE98/00845
 (22) **8 May/mai 1998 (08.05.1998)**
 (25) sv (26) en
 (31) 9701809-7 (32) **13 May/mai 1997 (13.05.1997)** (33) SE
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **B09C 1/00**
 (54) ● METHOD AND DEVICE FOR DECONTAMINATION OF GROUND
 ● PROCEDE ET DISPOSITIF DE DECONTAMINATION DES SOLS
 (71) **GLOBE WATER AB** [SE/SE]; P.O. Box 10 259, S-100 59 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **SCHWALBE, Pontus** [SE/SE]; Larsbergsvägen 9, S-181 38 Lidingsö (SE).
 (74) **SEDVALL, Bengt** et al. / etc.; Bergenstråhle & Lindvall AB, P.O. Box 17 704, S-118 93 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 98/51422** (13) A1
 (21) PCT/MX98/00017
 (22) **14 May/mai 1998 (14.05.1998)**
 (25) es (26) es
 (31) 973607 (32) **14 May/mai 1997 (14.05.1997)** (33) MX
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **B09C 1/08, C02F 1/28, C04B 18/18, C09K 3/32**
 (54) ● MICROENCAPSULATION OF DANGEROUS ORGANIC CONTAMINANTS INTO A SOIL MATRIX
 ● MICROENCAPSULATION DE CONTAMINANTS ORGANIQUES DANGEREUX DANS UNE MATRICE DU SOL
 (71) **INGENIERIA AMBIENTAL MEXICANA, S.A. DE C.V.** [MX/MX]; Querétaro 222-202, Colonia Roma, Delegación Cuauhtémoc, Mexico, D.F. 06700 (MX).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **KENNEDY MCDOWELL, Thomas** [CA/MX]; Quintin Auras 101, Quinta Sofia, Villahermosa, TAB 86000 (MX).
 (74) **BECERRIL ASTORGA, Patricia** et al. / etc.; Becerril, Coca & Becerril, S.C., Thiers 251, Pisos 10 a 14, Colonia Anzures, Delegación Miguel Hidalgo, Mexico, D.F. 11590 (MX).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/51423** (13) A1
 (21) PCT/IB98/00730
 (22) **14 May/mai 1998 (14.05.1998)**
 (25) en (26) en
 (31) UD97A000093 (32) **16 May/mai 1997 (16.05.1997)** (33) IT
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **B21B 1/36, 1/40, 31/10, 45/02**
 (54) ● TWO STAND TANDEM FOR ROLLING LINE
 ● DOUBLE CAGE EN TANDEM POUR LIGNE DE LAMINAGE
 (71) **DANIELI & C. OFFICINE MECCANICHE S.P.A.** [IT/IT]; Via Nazionale, 1-33042 Buttrio (IT).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **FANCHINI, Bernardo** [IT/IT]; Via P. Berghini, 351/6, I-16132 Genova (IT). **GUALCO, Cesare** [IT/IT]; Via Molinari, 7, I-15067 Novi Ligure (IT).
 (74) **PETRAZ, Gilberto**; GLP S.r.l., Piazzale Cavendish, 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).

- (11) **WO 98/51424** (13) A1
 (21) PCT/US98/09858
 (22) **14 May/mai 1998 (14.05.1998)**
 (25) en (26) en
 (31) 60/046,697 (32) **14 May/mai 1997 (14.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **B21C 37/12**
 (54) ● SPIRAL-FORMED EXHAUST TUBE
 ● TUBE D'ÉCHAPPEMENT FORME EN SPIRALE
 (71) **ARVIN INDUSTRIES, INC.** [US/US]; One Noblitt Plaza, Box 3000, Columbus, IN 47202-3000 (US).
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 (72, 75) **LEBEAU, Phillip, E.** [US/US]; 14052 County Road 462, Dexter, MO 63841 (US). **TURNBOW, Rondal, Wayne** [US/US]; 4141 26th Street, Columbus, IN 47203 (US). **HOLT, Tommie, A.** [US/US]; 11160 State Highway ZZ, Dexter, MO 63841 (US).
 (74) **REZEK, Richard, A.**; Barnes & Thornburg, 11 South Meridian Street, Indianapolis, IN 46204 (US).
 (81) BR CA CN MX US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/51425** (13) A2
 (21) PCT/US98/09693
 (22) **12 May/mai 1998 (12.05.1998)**
 (25) en (26) en

- (31) 60/046,221 (32) **12 May/mai 1997 (12.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **B21D**
 (54) ● METHOD OF HYDROFORMING A VEHICLE FRAME COMPONENT
 ● PROCEDE D'HYDROFORMAGE D'UN CONSTITUANT DE CHASSIS DE VEHICULE
 (71) **DANA CORPORATION** [US/US]; 4500 Dorr Street, Toledo, OH 43615 (US).
 (72) **MARANDO, Richard, A.**; 609 Cornerstone Drive, Mohrsville, PA 19541 (US). **SANKO, Thomas, R.**; 9B Silverbrook, Hazleton, PA 18201 (US). **SCHRACK, Eric, M.**; Main Street, P.O. Box 45, Shartlesville, PA 19554 (US).
 (74) **MACMILLAN, Richard, S.**; MacMillan, Sobanski & Todd, 4th floor, One Maritime Plaza, 720 Water Street, Toledo, OH 43604 (US).
 (81) BR DE GB.

- (11) **WO 98/51426** (13) A1
 (21) PCT/JP98/02052
 (22) **8 May/mai 1998 (08.05.1998)**
 (25) ja (26) ja
 (31) 9/134474 (32) **9 May/mai 1997 (09.05.1997)** (33) JP
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **B21D 22/20, 28/06**
 (54) ● METHOD FOR BLANKING BLANKS FOR CUPPING, BLANK, AND CYLINDRICAL CAN FORMED FROM THAT BLANK
 ● PROCEDE DE MISE EN FORME D'EBAUCHES POUR EMBOUTISSAGE, EBAUCHE ET BOITE CYLINDRIQUE FORMEE A PARTIR DE CETTE EBAUCHE
 (71) **TOYO KOHAN CO., LTD.** [JP/JP]; 4-3, Kasu-migaseki 1-chome, Chiyoda-ku, Tokyo 100-8911 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **IKEDA, Yasuyuki** [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi-ken 744-8611 (JP). **SHIMIZU, Keiichi**
 (74) **OHTA, Akio**; Toyo Kohan Co., Ltd., 4-3, Kasu-migaseki 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 KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/51427** (13) A1
 (21) PCT/US97/08958
 (22) **23 May/mai 1997 (23.05.1997)**
 (25) en (26) en
 (31) 08/856,825 (32) **15 May/mai 1997 (15.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)

- (51)⁶ **B21D 26/02**
- (54) ● SEALING UNIT FOR HYDROFORMING APPARATUS
- DISPOSITIF D'ÉTANCHEITE POUR APPAREIL D'HYDROFORMAGE
- (71) **AQUAFORM, INC.** [US/US]; 1280 Doris Road, Auburn Hills, MI 48326 (US).
- (72) **BROWN, James, H.;** 30519 Louise, Westland, MI 48185 (US).
- (74) **SZCZEPANSKI, Steven, Z.;** Arnold, White & Durkee, P.O. Box 4433, Houston, TX 77210 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/51428** (13) A1
- (21) PCT/US97/08959
- (22) **23 May/mai 1997 (23.05.1997)**
- (25) en (26) en
- (31) 08/856,511 (32) **15 May/mai 1997 (15.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B21D 26/02, B30B 1/26**
- (54) ● APPARATUS AND METHOD FOR HYDROFORMING
- APPAREIL D'HYDROFORMAGE ET PROCEDE CORRESPONDANT
- (71) **AQUAFORM, INC.** [US/US]; 1280 Doris Road, Auburn Hills, MI 48326 (US).
- (72) **BROWN, James, H.;** 30519 Louise, Westland, MI 48185 (US). **WEBB, Gary, A.;** 1875 Windside, West Bloomfield, MI 48324 (US).
- (74) **SZCZEPANSKI, Steven, Z.;** Arnold, White & Durkee, P.O. Box 4433, Houston, TX 77210 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/51429** (13) A1
- (21) PCT/EP98/02774
- (22) **12 May/mai 1998 (12.05.1998)**
- (25) de (26) de
- (31) 197 20 229.2 (32) **14 May/mai 1997 (14.05.1997)** (33) DE
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B21D 31/04**
- (54) ● DEVICE FOR CONTINUOUS PRODUCTION OF FOIL EXPANDED METAL
- INSTALLATION POUR LA PRODUCTION EN CONTINU DE METAL DEPLOYE A PARTIR D'UNE FEUILLE
- (71) **SPÄTH, Michael** [DE/DE]; Perusastrasse 7, D-80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GEISSLER, Norbert** [DE/DE]; Grubmühlerfeldstrasse 32, D-82131 Gauting (DE).
- (74) **HANSMANN & VOGESER;** Albert-Rosshaupter-Strasse 65, D-81369 München (DE).
- (81) CA CN US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/51430** (13) A1
- (21) PCT/SE98/00671
- (22) **14 Apr/avr 1998 (14.04.1998)**
- (25) sv (26) en
- (31) 9701771-9 (32) **13 May/mai 1997 (13.05.1997)** (33) SE
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B21D 53/02, B23P 15/26**
- (54) ● A METHOD OF PRODUCING A HEAT TRANSFER DEVICE
- PROCEDE DE FABRICATION D'UN DISPOSITIF DE TRANSFERT DE CHALEUR
- (71) **AB WEBRA INDUSTRI** [SE/SE]; P.O. Box 2018, S-745 02 Enköping (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ERIKSSON, Gunno** [SE/SE]; Stenhagsvägen 5, S-734 33 Hallstahammar (SE).
- (74) **BJERKÉN, Håkan** et al. / etc.; Bjerkéns Patentbyrå KB, P.O. Box 1274, S-801 37 Gävle (SE).
- (81) CA JP SE US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/51431** (13) A1
- (21) PCT/US98/03186
- (22) **6 May/mai 1998 (06.05.1998)**
- (25) en (26) en
- (31) 08/855,800 (32) **12 May/mai 1997 (12.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B21H 3/02, B21J 13/02**
- (54) ● DIE HEAD
- TETE DE DECOLLETEUSE
- (71) **NOWAK PRODUCTS, INC.** [US/US]; 101 Rockwell Road, Newington, CT 06111 (US).
- (72) **NOWAK, Florian, I.;** 16 Dean Drive, Newington, CT 06111 (US). **NOWAK, Gary, F.;** 8 Dean Drive, Newington, CT 06111 (US). **NOWAK, Glen, L.;** 130 Henry Street, Newington, CT 06050 (US).
- (74) **DORMAN, Ira, S.;** Suite 200, 330 Roberts Street, East Hartford, CT 06108 (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 LR LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG 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).
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- (11) **WO 98/51432** (13) A1
- (21) PCT/US98/09524
- (22) **13 May/mai 1998 (13.05.1998)**
- (25) en (26) en
- (31) 60/046,664 (32) **16 May/mai 1997 (16.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B21H 7/00**
- (54) ● SUPPORT TOOL FOR DEEP ROLLING CRANKSHAFT FILLETS
- OUTIL DE SUPPORT POUR FORMAGE DE CONGES DE VILEBREQUINS PAR ECRASEMENT PROFOND AU ROULEAU
- (71) **HEGENSCHEIDT-MFD CORPORATION** [US/US]; 6255 Center Drive, Sterling Heights, MI 48312 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VODOPYANOV, Eugene** [RU/US]; 14620 Labelle, Oak Park, MI 48237 (US). **CADENA, Luis** [US/US]; 548 Ten Point Drive, Rochester Hills, MI 48309 (US).
- (74) **WHITE, Charles, R.;** Reising, Ethington, Learman & McCulloch, PLLC, P.O. Box 4390, Troy, MI 48099-4390 (US).
- (81) 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 98/51433** (13) A1
- (21) PCT/DK98/00100
- (22) **16 Mar/mar 1998 (16.03.1998)**
- (25) en (26) en
- (31) 0554/97 (32) **14 May/mai 1997 (14.05.1997)** (33) DK
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B22D 29/00, 47/00 // 47/02, B22C 25/00**
- (54) ● METHOD OF EXTRACTING CASTINGS FROM MOULDS IN A MOULD-STRING PLANT, AND PLANT FOR USE IN CARRYING OUT THE METHOD
- PROCEDE PERMETTANT D'EXTRAIRE LES MOULAGES DES MOULES DANS UNE INSTALLATION A MOULES MULTIPLES, ET INSTALLATION PERMETTANT DE METTRE EN OEUVRE LEDIT PROCEDE
- (71) **GEORG FISCHER DISA A/S** [DK/DK]; Herlev Hovedgade 17, DK-2730 Herlev (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BLOCH, Anders, C.** [DK/DK]; Kagerup Stationsvej 33, DK-3200 Helsingør (DK). **SØRENSEN, Jan** [DK/DK]; Solbjærgvej 63, DK-3460 Birkerød (DK).
- (74) **BUDDE, SCHOU & CO. A/S;** Vestergade 31, DK-1456 København K (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 DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/51434** (13) A1
- (21) PCT/SE98/00903

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

(25) en (26) en

(31) 9701852-7 (32) **16 May/mai 1997 (16.05.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B22F 3/15, F27B 17/00, B01J 3/04**

(54) ● A DEVICE IN A PRESSURE VESSEL FOR HOT ISOSTATIC PRESSING

- DISPOSITIF DE CUVE SOUS PRESSION DESTINE A LA COMPRESSION ISOSTATIQUE A CHAUD

(71) **ASEA BROWN BOVERI AB** [SE/SE]; S-721 78 Västerås (SE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **BERGMAN, Carl** [SE/SE]; Högbys Skogsväg 8, S-723 41 Västerås (SE).(74) **BJERKÉN, Håkan** et al. / etc.; Bjerkéns Patentbyrå KB, P.O. Box 1274, S-801 37 Gävle (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 (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL (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 98/51435** (13) A1

(21) PCT/US98/09804

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

(25) en (26) en

(31) 08/856,490 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B22F 3/26, 7/04, B32B 5/16**

(54) ● FULLY-COATED, UNIFORM-SIZED METALLIC PARTICLES

- PARTICULES METALLIQUES ENTIEREMENT ENROBEES, DE TAILLE UNIFORME

(71, 72) **TANG, Weixin** [US/US]; Unit 3-E, 33 Chester Pike, Ridley Park, PA 19078 (US). **WANG, Yuzhou** [US/US]; Apartment C-327, 340 Media Station, Media, PA 19063 (US).(74) **CASH, Barry, Dale**; 217 King Avenue, Collingswood, NJ 08108 (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).

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(11) **WO 98/51436** (13) A1

(21) PCT/SG98/00033

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

(25) en (26) en

(31) 9701465-8 (32) **9 May/mai 1997 (09.05.1997)** (33) SG

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B23B 25/02**

(54) ● APPARATUS FOR BREAKING CHIPS

- APPAREIL DESTINE A BRISER LES COPEAUX

(71) **NATIONAL UNIVERSITY OF SINGAPORE** [SG/SG]; 10 Kent Ridge Crescent, Singapore 119260 (SG).

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(72, 75) **LI, Xiaoping** [SG/SG]; Blk 12 Hill View Avenue #13-1404, Singapore 660012 (SG).(74) **GREENE-KELLY, James, Patrick**; Lloyd Wise, Tanjong Pagar, P.O. Box 636, Singapore 910816 (SG).

(81) AU 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).

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(11) **WO 98/51437** (13) A1

(21) PCT/SE98/00870

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 9701788-3 (32) **14 May/mai 1997 (14.05.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B23B 27/10, 27/16, 27/32, 31/26, B65B 55/10, C08J 7/06 // B41M 1/30**

(54) ● A METHOD OF PRODUCING A PRINTING INK-DECORATED PACKAGING MATERIAL, IN PARTICULAR FOR ASEPTIC PACKAGES

- PROCEDE DE PRODUCTION D'UN MATERIAU D'EMBALLAGE DECORE A L'ENCRE D'IMPRIMERIE ET DESTINE NOTAMMENT AUX EMBALLAGES ASEPTIQUES

(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) **LASSON, Rolf** [SE/SE]; Rudeboksvägen 307, S-226 55 Lund (SE). **KARLSSON, Christer** [SE/SE]; Admiralvägen 7, S-237 32 Bjärred (SE). **JOHANSSON, Kaj** [SE/SE]; Sonarp 757, S-260 24 Röstänga (SE). **PUSZTAI, Zoltan** [SE/SE]; Tamburinvägen 17, S-245 42 Staffanstorp (SE).(74) **SUNDELL, Håkan**; AB Tetra Pak, Ruben Rausinggata, 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 98/51438** (13) A1

(21) PCT/EP98/02450

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

(25) de (26) de

(31) 197 20 022.2 (32) **13 May/mai 1997 (13.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B23B 27/14**

(54) ● CUTTING INSERT FOR SHAPING BY CHIPPING

- PLAQUETTE DE COUPE POUR USINAGE PAR ENLEVEMENT DE COPEAUX

(71) **KOMET PRÄZISIONSWERKZEUGE ROBERT BREUNING GMBH** [DE/DE]; Zeppelinstrasse 3, D-74354 Besigheim (DE).

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

(72, 75) **BAXIVANELIS, Konstantin** [DE/DE]; Kirchstrasse 42, D-74354 Besigheim (DE). **KRUSZYNSKI, Jacek** [DE/DE]; Friedensplatz 6, D-70190 Stuttgart (DE). **SCHÜTT, Henry** [DE/DE]; Gottlieb Daimler-Strasse 8, D-74343 Sachsenheim 2 (DE). **HÄIDINGER, Hans** [DE/DE]; Badbrunnstrasse 5, D-74385 Pleidelsheim (DE). **MORLOCK, Helmut** [DE/DE]; Eichenweg 30, D-74369 Löchgau (DE).(74) **WOLF, Eckhard** et al. / etc.; Wolf & Lutz, Hauptmannsreute 93, D-70193 Stuttgart (DE).

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

(11) **WO 98/51439** (13) A1

(21) PCT/DE98/01331

(22) **12 May/mai 1998 (12.05.1998)**

(25) de (26) de

(31) 197 19 892.9 (32) **12 May/mai 1997 (12.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B23D 77/10, 77/00**

(54) ● SUPERFINISHING TOOL

- OUTIL POUR USINAGE DE HAUTE PRECISION

(71) **HARTMETALLWERKZEUGFABRIK ANDREAS MAIER GMBH** [DE/DE]; Stegwiesen 2, D-88477 Schwendi-Hörsenhausen (DE).

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(72, 75) **MAIER, Andreas** [DE/DE]; Stegwiesen 2, D-88477 Schwendi-Hörsenhausen (DE).(74) **KÖNIG, Beate** et al. / etc.; Morassistrasse 8, D-80469 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 98/51440** (13) A1

(21) PCT/AT98/00117

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

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(31) A 801/97 (32) **12 May/mai 1997 (12.05.1997)** (33) AT

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B23K 11/00**

(54) ● METHOD AND DEVICE FOR PRODUCING WIRE LATTICE MATS

- PROCEDE ET INSTALLATION POUR LA PRODUCTION DE MATS A GRILLE METALLIQUE

- (71) **EVG ENTWICKLUNGS-
VERWERTUNGS-GESELLSCHAFT MBH** [AT/AT]; Gustinus-Ambrosi-Strasse 1-3, A-8074 Raaba (AT).
- (72) **RITTER, Klaus**; Peterstalstrasse 157, A-8042 Graz (AT). **RITTER, Gerhard**; Unterer Plattenweg 47, A-8043 Graz (AT). **SCHMIDT, Gerhard**; Rosengasse 7, A-8042 Graz (AT).
- (74) **HOLZER, Walter** et al. / etc.; Fleischmangasse 9, A-1040 Wien (AT).
- (81) ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/51441** (13) A1
- (21) PCT/SE98/00861
- (22) **12 May/mai 1998 (12.05.1998)**
- (25) sv (26) en
- (31) 9701865-9 (32) **16 May/mai 1997 (16.05.1997)** (33) SE
- (31) 60/047,133 (32) **20 May/mai 1997 (20.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B23K 20/12**
- (54) ● WELDING ASSEMBLY FOR FRICTION STIR WELDING
● SOUDAGE PAR FRICTION A MOUVEMENT CYCLIQUE
- (71) **ESAB AB** [SE/SE]; P.O. Box 8004, S-402 77 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LARSSON, Rolf** [SE/SE]; Bäverstigen 14, S-695 31 Laxå (SE).
- (74) **AWAPATENT AB**; P.O. Box 113 94, S-404 28 Göteborg (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).

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- (11) **WO 98/51442** (13) A1
- (21) PCT/US98/10003
- (22) **13 May/mai 1998 (13.05.1998)**
- (25) en (26) en
- (31) 08/855,375 (32) **13 May/mai 1997 (13.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B23K 26/06, 26/02**
- (54) ● DUAL INTENSITY MULTI-BEAM WELDING SYSTEM
● DISPOSITIF DE SOUDAGE MULTI-FAISCEAUX DOUBLE INTENSITE
- (71) **FRAUNHOFER USA RESOURCE CENTER** [US/US]; 2901 Hubbard Road, Ann Arbor, MI 48105 (US).

- (72) **BERKMANN, Joachim**; 9092 Posey Drive, Whitmore Lake, MI 48189 (US). **KÜEPFER, Frank, W.**; 32853 Pontiac Trail, Ann Arbor, MI 48105 (US). **HSU, Chen-Jen, Rey**; Apartment 1B, 2421 Lancashire Lane, Ann Arbor, MI 48105 (US).
- (74) **ROHM, Benita, J.** et al. / etc.; Miller, Canfield, Paddock and Stone, PLC, Suite 2500, 150 West Jefferson, Detroit, MI 48226 (US).
- (81) CA CN JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/51443** (13) A1
- (21) PCT/CH97/00178
- (22) **9 May/mai 1997 (09.05.1997)**
- (25) de (26) de
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B23Q 1/54, B25J 17/02**
- (54) ● MACHINE FOR MACHINING DOWN OBLONG WORK PIECES
● MACHINE POUR USINAGE PAR ENLEVEMENT DE COPEAUX DE PIECES OBLONGUES
- (71) **LIECHTI ENGINEERING AG** [CH/CH]; Kanalweg 4, CH-3550 Langnau (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LIECHTI, Ralph** [CH/CH]; Gurtenweg 45, CH-3074 Muri (CH). **LEHMANN, Fritz** [CH/CH]; Halden 579, CH-3550 Langnau (CH).
- (74) **BOVARD AG**; Optingenstrasse 16, CH-3000 Bern 25 (CH).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ 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).

- (11) **WO 98/51444** (13) A1
- (21) PCT/US98/09865
- (22) **14 May/mai 1998 (14.05.1998)**
- (25) en (26) en
- (31) 08/857,777 (32) **15 May/mai 1997 (15.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B23Q 39/00, B23P 23/06, B23C 1/14**
- (54) ● RECONFIGURABLE GANTRY TOOL AND SYSTEM
● OUTIL ET SYSTEME DE PORTIQUE RECONFIGURABLE
- (71) **NORTHROP GRUMMAN CORPORATION** [US/US]; 1840 Century Park East, Los Angeles, CA 90067-2199 (US).
- (72) **BULLEN, George, N.**; 352 Hollywood Boulevard, Oxnard, CA 93035 (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).

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- (11) **WO 98/51445** (13) A1
- (21) PCT/IT98/00115
- (22) **11 May/mai 1998 (11.05.1998)**
- (25) en (26) en
- (31) MO97A000082 (32) **14 May/mai 1997 (14.05.1997)** (33) IT
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B24B 41/047**
- (54) ● POLISHING HEAD FOR PLATE MATERIALS IN GRANITE, HARD STONE OR CERAMIC WITH ABRASIVE SEGMENTS HAVING CONTINUOUS OSCILLATING TANGENTIAL MOTION
● TETE DE POLISSAGE POUR MATERIAUX PLAQUES EN GRANIT, PIERRE DURE OU CERAMIQUE ET DONT LES SEGMENTS ABRASIFS EFFECTUENT UN DEPLACEMENT TANGENTIEL OSCILLANT CONTINU
- (71, 72) **PEDRINI, Luigi** [IT/IT]; Via Sgaruga, 19, I-24060 Carobbio degli Angeli (IT).
- (74) **GASPARINI, Alberto**; Ufficio Finderoute, Via Ugo Sbrillanci, 17, I-41012 Carpi (IT).
- (81) BR CN LT LV RO SI US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/51446** (13) A2
- (21) PCT/RU98/00142
- (22) **13 May/mai 1998 (13.05.1998)**
- (25) ru (26) ru
- (31) 97107038 (32) **14 May/mai 1997 (14.05.1997)** (33) RU
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B24D**
- (54) ● INFORMATION BROADCASTING METHOD
● PROCEDE DE DIFFUSION D'INFORMATIONS
- (71, 72) **TRUSHKO, Pavel Evstafievich** [RU/RU]; ul. Dovatora, 33/1-5, Novosibirsk, 630124 (RU).
- (74) **LINNIK, Lev Nikolaevich**; Orekhovy bulvar, 39-1-145, Moscow, 115573 (RU).
- (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 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 98/51447** (13) A1
- (21) PCT/DE98/00484
- (22) **17 Feb/fév 1998 (17.02.1998)**
- (25) de (26) de
- (31) 197 19 971.2 (32) **13 May/mai 1997 (13.05.1997)** (33) DE
- (31) 297 15 683.7 (32) **1 Sep/sep 1997 (01.09.1997)** (33) DE
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B24D 5/16, 5/12**
- (54) ● GRINDER FOR GRINDING METAL SLITTING SAW BLADES

- MEULE DE RECTIFICATION POUR LAME SCIE CIRCULAIRE METAUX
- (71) **AUGUST HEINR. SCHMIDT GMBH & CO. KG MASCHINENFABRIK** [DE/DE]; Steiermärker Strasse 53, D-70469 Stuttgart (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SCHÜLLER, Richard** [DE/DE]; Südstrasse 25a, D-86391 Stadtbergen (DE).
- (74) **PFFENNING, MEINIG & PARTNER GBR**; Gosritzer Strasse 61-63, D-01217 Dresden (DE).
- (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/51448** (13) A1
(21) PCT/US98/05537
(22) **19 Mar/mar 1998 (19.03.1998)**
(25) en (26) en
(31) 08/856,501 (32) **14 May/mai 1997 (14.05.1997)** (33) US

- (43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **B24D 11/00, 18/00**
(54) ● PATTERNED ABRASIVE TOOLS
● OUTIL A ABRASIF REPARTI SELON UN MOTIF
- (71) **NORTON COMPANY** [US/US]; 1 New Bond Street, Box 15138, Worcester, MA 01615-0138 (US).

- (72) **MILLER, Bradley, J.**; 55 Fisher Street, Westboro, MA 01581 (US). **MABON, Roland**; 75, rue Villiers de l'Isle-Adam, F-75020 Paris (FR).
- (74) **PORTER, Mary, E.** et al. / etc.; Saint-Gobain Corporation, 1 New Bond Street, Box 15138, Worcester, MA 01615-0138 (US).
- (81) AU BR CA JP MX NZ; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/51449** (13) A1
(21) PCT/US98/09571
(22) **11 May/mai 1998 (11.05.1998)**
(25) en (26) en
(31) 08/854,908 (32) **13 May/mai 1997 (13.05.1997)** (33) US

- (43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **B25B 17/00**
(54) ● EFFICIENT MECHANICAL RECTIFIER
● REDRESSEUR MECANIQUE EFFICIENT
- (71, 72) **MARCOVICI, Mitch** [US/US]; 309 Livingston Avenue, Murray Hill, NJ 07974 (US).

- (74) **OSTROFF, Irwin**; Ostroff & Associates, 3 Lackawanna Boulevard, Murray Hill, NJ 07974 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/51450** (13) A2
(21) PCT/DE98/01265
(22) **6 May/mai 1998 (06.05.1998)**
(25) de (26) de
(31) 297 08 384.8 (32) **10 May/mai 1997 (10.05.1997)** (33) DE

- (43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **B25B 23/00**
(54) ● TOOL SYSTEM THAT CAN BE COUPLED TO A LATHE DRIVE SHAFT
● SYSTEME D'OUTIL ACCOUPlable A L'ARBRE D'ENTRAÎNEMENT D'UN TOUR

- (71, 72) **ZIERPKA, Eva-Maria** [DE/DE]; Elfenweg 2, D-76199 Karlsruhe (DE).
- (74) **GEITZ, Heinrich**; Kaiserstrasse 156, D-76133 Karlsruhe (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 98/51451** (13) A2
(21) PCT/US98/09677
(22) **12 May/mai 1998 (12.05.1998)**
(25) en (26) en
(31) 60/046,185 (32) **12 May/mai 1997 (12.05.1997)** (33) US

- (31) 60/054,654 (32) **4 Aug/août 1997 (04.08.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **B25J**
(54) ● FORCE-FEEDBACK INTERFACE DEVICE FOR THE HAND
● DISPOSITIF D'INTERFACE DE RETROACTION DE FORCE POUR LA MAIN

- (71) **VIRTUAL TECHNOLOGIES, INC.** [US/US]; 2175 Park Boulevard, Palo Alto, CA 94306 (US).
- (72) **KRAMER, James, F.**; 109 Blackburn Avenue, Menlo Park, CA 94025 (US). **YIM, Mark, H.**; 1091 Tanland Drive #215, Palo Alto, CA 94303 (US). **TREMBLAY, Marc, R.**; 110 Seale Avenue, Palo Alto, CA 94301 (US). **GOMEZ, Daniel, H.**; 33300 Mission Boulevard #78, Union City, CA 94587 (US).

- (74) **ROWLAND, Bertram, I.** et al. / etc.; Flehr Hohbach Test Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111-4187 (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 98/51452** (13) A1
(21) PCT/CA98/00464
(22) **13 May/mai 1998 (13.05.1998)**
(25) en (26) en
(31) 60/046,328 (32) **13 May/mai 1997 (13.05.1997)** (33) US

- (43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **B25J 9/16, B24C 7/00**
(54) ● ENABLING PROCESS CONTROL TECHNOLOGY FOR AUTOMATED DRY MEDIA DEPAINT SYSTEM

- APPLICATION D'UNE TECHNOLOGIE D'AUTOMATISME INDUSTRIEL POUR SYSTEME AUTOMATISE DE DECAPAGE DE PEINTURE PAR MILIEU SEC

- (71) **CAE ELECTRONICS LTD.** [CA/CA]; 8585 Cote de Liesse, Montreal, Quebec H4L 4X4 (CA). *(for all designated States except / pour tous les États désignés sauf US)*

- (71, 72) **DAMBRIN, Jean-Bernard** [CA/CA]; Apartment 15, 4640 Clanranald, Montreal, Quebec H3X 2R9 (CA).

- (74) **ANGLEHART, James** et al. / etc.; Swabey Ogilvy Renault, Suite 1600, 1981 McGill College Avenue, Montreal, Quebec H3A 2Y3 (CA).

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

- (11) **WO 98/51453** (13) A1
(21) PCT/SE98/00877
(22) **13 May/mai 1998 (13.05.1998)**
(25) sv (26) en
(31) 9701796-6 (32) **15 May/mai 1997 (15.05.1997)** (33) SE

- (43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **B25J 9/18, G05B 13/04**
(54) ● A METHOD FOR SUPERVISION OF THE MOVEMENT CONTROL OF A MANIPULATOR
● PROCEDE PERMETTANT DE SURVEILLER LA COMMANDE DE MOUVEMENTS D'UN MANIPULATEUR

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

- (72, 75) **BROGÅRDH, Torgny** [SE/SE]; Plåtverksgatan 140, S-724 79 Västerås (SE). **ELFVING, Staffan** [SE/SE]; Solrosgatan 69, S-722 45 Västerås (SE). **JONSSON, Ingvar** [SE/SE]; Laxöringsgatan 7, S-723 49 Västerås (SE). **MOBERG, Stig** [SE/SE]; Knutsgatan 11 B, S-722 14 Västerås (SE). **SKANTZE, Fredrik** [SE/SE]; Haga Parkgata 21 A, S-723 36 Västerås (SE).

- (74) **LUNDBLAD VANNESJÖ, Katarina**; Asea Brown Boveri AB, Patent, S-721 78 Västerås (SE).

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

- (11) **WO 98/51454** (13) A1
(21) PCT/JP98/02093
(22) **12 May/mai 1998 (12.05.1998)**
(25) ja (26) ja
(31) 9/121346 (32) **12 May/mai 1997 (12.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B25J 9/22, 13/00, G05B 19/42**

(54) ● ROBOT CONTROLLER

● SYSTEME DE COMMANDE DE ROBOT

(71) **KAWASAKI JUKOGYO KABUSHIKI KAISHA** [JP/JP]; 1-1, Higashikawasaki-cho 3-chome, Chuo-ku, Kobe-shi, Hyogo 650-8670 (JP).
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(72, 75) **ONOUÉ, Kazuhiko** [JP/JP]; 2-22-24, Miyashita, Nishi-ku, Kobe-shi, Hyogo 651-2146 (JP).
KOYAMA, Masataka [JP/JP]; 4082-1, Kako, Inami-cho, Kako-gun, Hyogo 675-1105 (JP).
ABE, Kazuhiro [JP/JP]; 3-5-2409, Shirogayama, Tarumi-ku, Kobe-shi, Hyogo 655-0884 (JP).
KUROSAKI, Yoshimitsu [JP/JP]; 1314-56, Noguchi-cho-Kitano, Kakogawa-shi, Hyogo 675-0011 (JP).

(74) **SATO, Kazuo** et al. / etc.; Kyowa Patent and Law Office, Fuji Building, Room 323, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (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 98/51455** (13) A1

(21) PCT/JP98/02091

(22) **12 May/mai 1998 (12.05.1998)**

(25) ja (26) ja

(31) 9/121343 (32) **12 May/mai 1997 (12.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B25J 13/00, G05B 19/418, 23/02**

(54) ● ROBOT CONTROLLER

● UNITE DE COMMANDE DE ROBOT

(71) **KAWASAKI JUKOGYO KABUSHIKI KAISHA** [JP/JP]; 1-1, Higashikawasaki-cho 3-chome, Chuo-ku, Kobe-shi, Hyogo 650-8670 (JP).
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(72, 75) **ONOUÉ, Kazuhiko** [JP/JP]; 2-22-24, Miyashita, Nishi-ku, Kobe-shi, Hyogo 651-2146 (JP).
ABE, Kazuhiro [JP/JP]; 3-5-2409, Shirogayama, Tarumi-ku, Kobe-shi, Hyogo 655-0884 (JP).
SUGIMASA, Tetsuya [JP/JP]; 2-8-406, Kawasaki-cho, Akashi-shi, Hyogo 673-0014 (JP).
DATE, Seiji [JP/JP]; 468-17, Ikeda, Onoe-cho, Kakogawa-shi, Hyogo 675-0023 (JP).

(74) **SATO, Kazuo** et al. / etc.; Kyowa Patent & Law Office, Fuji Building, Room 323, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (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 98/51456** (13) A1

(21) PCT/JP98/02092

(22) **12 May/mai 1998 (12.05.1998)**

(25) ja (26) ja

(31) 9/121342 (32) **12 May/mai 1997 (12.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B25J 13/00, G05B 19/414**

(54) ● ROBOT CONTROL DEVICE

● DISPOSITIF DE COMMANDE DE ROBOT

(71) **KAWASAKI JUKOGYO KABUSHIKI KAISHA** [JP/JP]; 1-1, Higashikawasaki-cho 3-chome, Chuo-ku, Kobe-shi, Hyogo 650-8670 (JP).
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(72, 75) **ONOUÉ, Kazuhiko** [JP/JP]; 2-22-24, Miyashita, Nishi-ku, Kobe-shi, Hyogo 651-2146 (JP).
UENO, Takahiro [JP/JP]; 556-8, Nishifutami, Futami-cho, Akashi-shi, Hyogo 647-0094 (JP).
KOYAMA, Masataka [JP/JP]; 4082-1, Kako, Inami-cho, Kako-gun, Hyogo 675-1105 (JP).
SHIMOMURA, Nobuyasu [JP/JP]; 40-7, Tamatsu-cho-Mizutani, Nishi-ku, Kobe-shi, Hyogo 651-2121 (JP).

(74) **SATO, Kazuo** et al. / etc.; Kyowa Patent & Law Office, Fuji Building, Room 323, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (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 98/51457** (13) A2

(21) PCT/US98/08410

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 08/854,573 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B26B 21/40**

(54) ● RAZOR ASSEMBLY

● ENSEMBLE RASOIR

(63) US 08/854,573 (CON)
12 May/mai 1997 (12.05.1997)

(71) **THE GILLETTE COMPANY** [US/US]; Prudential Tower Building, Boston, MA 02199 (US).
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(72, 75) **LEE, Alejandro** [US/US]; Apartment 3, 366 Putnam Avenue, Cambridge, MA 02139 (US).
CARSON, William, C., III [US/US]; 3 Seneca Court, Acton, MA 01720 (US).
KOHRING, Douglas, R. [US/US]; 314 Old Westford Road, Chelmsford, MA 01824 (US).

(74) **GALLOWAY, Peter, D.**; 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; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/51458** (13) A1

(21) PCT/US98/10102

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

(25) en (26) en

(31) 60/046,573 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B29B 7/60, B28C 7/04, B01F 15/04, 15/00, G05D 11/04, 11/13**

(54) ● GRAVIMETRIC BLENDER WITH OPERATIVELY COUPLED BAR CODE READER

● MELANGEUR GRAVIMETRIQUE AVEC LECTEUR DE CODE BARRES COUPLE DE MANIERE OPERATIONNELLE

(71) **MAGUIRE PRODUCTS, INC.** [US/US]; 11 Crozerville Road, Aston, PA 19014 (US).

(72) **MAGUIRE, Stephen, B.**; 1549 East Street Road, Glen Mills, PA 19432 (US).
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(74) **QUINN, Charles, N.**; Dann, Dorfman, Herrell & Skillman, Suite 720, 1601 Market Street, Philadelphia, PA 19103-2307 (US).

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

(11) **WO 98/51459** (13) A1

(21) PCT/JP98/01971

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) ja (26) ja

(31) 9/119873 (32) **9 May/mai 1997 (09.05.1997)** (33) JP

(31) 9/119874 (32) **9 May/mai 1997 (09.05.1997)** (33) JP

(31) 9/119875 (32) **9 May/mai 1997 (09.05.1997)** (33) JP

(31) 9/119876 (32) **9 May/mai 1997 (09.05.1997)** (33) JP

(31) 9/132340 (32) **22 May/mai 1997 (22.05.1997)** (33) JP

(31) 10/97518 (32) **9 Apr/avr 1998 (09.04.1998)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B29B 9/06, 17/00**

(54) ● METHOD OF AND APPARATUS FOR GRANULATING WASTE PLASTIC IN WASTE PLASTIC RECYCLING EQUIPMENT

● PROCEDE ET APPAREIL DESTINES A LA GRANULATION DE DECHETS PLASTIQUES ET UTILISES DANS UN EQUIPEMENT DE RECYCLAGE DE DECHETS PLASTIQUES

(71) **NKK CORPORATION** [JP/JP]; 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(72) **KAWAMURA, Shigeo**; NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
KAMEZAKI, Shunichi; NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
YOSHINAGA, Yoichi; NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
AKI, Keishi; NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
TSUBOI, Toshio; NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
AOYAGI, Kenji; NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
YAMAZAKI, Shigeki; NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(74) **SHIOTANI, Natsuo**; Park Shiba Building, 4th floor, 17-11, Shiba 2-chome, Minato-ku, Tokyo 105-0014 (JP).

(81) DE KR.

(11) **WO 98/51460** (13) A1

(21) PCT/KR98/00049

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 297 08 721.5 (32) **16 May/mai 1997** (33) DE (16.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B29C 33/02, 45/73**

(54) ● MOMENTARY SURFACE HEATED MOULD TOOL WITH GAS FLAME

● OUTIL DE MOULAGE A SURFACE MOMENTANEMENT CHAUFFEE PAR UNE FLAMME AU GAZ

(71, 72) **YIM, Sook-Jia** [KR/KR]; 947-29, BangBae 2 dong, Seocho-Gu, Seoul 137-062 (KR).

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

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(11) **WO 98/51461** (13) A1

(21) PCT/EP98/02677

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

(25) fr (26) fr

(31) 90063 (32) **14 May/mai 1997** (33) LU (14.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B29C 33/10, 44/12**

(54) ● METHOD FOR INSERTING A FILM-TYPE ELECTRIC COMPONENT IN A MOULDED ELEMENT

● PROCEDE POUR INTRODUIRE UN COMPOSANT ELECTRIQUE DU TYPE A FEUILLES DANS UN CORPS MOULE

(71) **I.E.E. INTERNATIONAL ELECTRONICS & ENGINEERING S.A.R.L.** [LU/LU]; Zone Industrielle Findel, 2b, route de Trèves, L-2632 Luxembourg (LU).
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(72, 75) **RUGGIU, Manuel** [LU/LU]; 85, rue Woiwer, L-4687 Differdange (LU). **BEN HSAIN, Abdelatif** [BE/LU]; 11, rue de la Montagne, L-6136 Junglinster (LU).

(74) **FREYLINGER, Ernest, T.** et al. / etc.; Office de Brevets Ernest T. Freylinger, 321, route d'Arlon, Boîte postale 48, L-8001 Strassen (LU).

(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).

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(11) **WO 98/51462** (13) A1

(21) PCT/US98/09054

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

(25) en (26) en

(31) 08/857,552 (32) **16 May/mai 1997** (33) US (16.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B29C 35/00, 31/06, B60R 13/02**

(54) ● METHOD FOR PRE-SHAPING OF PLASTIC FILMS USED IN CO-MOLDING PROCESSES AND IMPROVED PAINT FILM COVERED PARTS MADE THEREBY

● PROCEDE DE FAÇONNAGE PREALABLE DE FEUILLES PLASTIQUES UTILISES DANS DES TECHNIQUES DE CO-MOULAGE ET PIECES RECOUVERTES PAR DES FEUILLES COLORES FABRIQUEES AU MOYEN DE CE PROCEDE

(71) **GREEN TOKAI CO., LTD.** [US/US]; 55 Robert Wright Drive, Brookville, OH 45309 (US).

(72) **YAMAMOTO, Hiroaki**; 119 Carter Court, Brookville, OH 45309 (US).

(74) **PEACOCK, Bruce, E.** et al. / etc.; Biebel & French, 2500 Kettering Tower, Dayton, OH 45423 (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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(22) **11 May/mai 1998 (11.05.1998)**

(25) ja (26) ja

(31) 9/122452 (32) **13 May/mai 1997** (33) JP (13.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B29C 39/02, 39/22, C08L 33/08**

(54) ● WOOD-LIKE MOLDING, PROCESS FOR PREPARING THE SAME, AND COMPOSITION FOR MOLDING

● MOULAGE IMITANT LE BOIS, SON PROCEDE DE PREPARATION ET COMPOSITION DE MOULAGE

(71) **DU PONT-MRC CO., LTD.** [JP/JP]; 15-9, Minami-aoyama 1-chome, Minato-ku, Tokyo 107-0062 (JP). **MISAWA HOMES CO., LTD.** [JP/JP]; 4-5, Takaido-higashi 2-chome, Suginami-ku, Tokyo 168-0072 (JP).
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(72, 75) **MUKAI, Nobuhiro** [JP/JP]; Toyama Plants, Du Pont-MRC Co., Ltd., 3, Kaigandori, Toyama-shi, Toyama 931-8405 (JP). **SHIBAZAKI, Masaaki** [JP/JP]; Toyama Plants, Du Pont-MRC Co., Ltd., 3, Kaigandori, Toyama-shi, Toyama 931-8405 (JP). **KAMITE, Masayuki** [JP/JP]; Misawa Homes Co., Ltd., 4-5, Takaido-higashi 2-chome, Suginami-ku, Tokyo 168-0072 (JP). **HASUMI, Konomi** [JP/JP]; Misawa Homes Co., Ltd., 4-5, Takaido-higashi 2-chome, Suginami-ku, Tokyo 168-0072 (JP).

(74) **WAKABAYASHI, Tadashi** et al. / etc.; 8th floor, 16th Kowa Building, 9-20, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB 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 98/51464** (13) A1

(21) PCT/SE98/00808

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) sv (26) en

(31) 9701663-8 (32) **30 Apr/avr 1997** (33) SE (30.04.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B29C 39/42**

(54) ● METHOD AND DEVICE FOR MANUFACTURING THREE-DIMENSIONAL BODIES

● PROCEDE ET DISPOSITIF SERVANT A FABRIQUER DES ELEMENTS TRIDIMENSIONNELS

(71, 72) **LARSSON, Ralf** [SE/SE]; Rådanäs, S-435 33 Mölnlycke (SE).

(74) **GÖTEBORGS PATENTBYRÅ**; Sjöporten 4, S-417 64 Göteborg (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM 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 98/51465** (13) A1

(21) PCT/US98/08743

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

(25) en (26) en

(31) 08/857,842 (32) **16 May/mai 1997** (33) US (16.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B29C 43/22, B29D 44/20, 44/28**

(54) ● METHOD AND APPARATUS FOR MAKING HIGH COMPRESSION STRUCTURAL FOAM
● PROCEDE ET DISPOSITIF DE FABRICATION DE MOUSSE STRUCTUREE

(71, 72) **THOMPSON, Edward, J.** [US/US]; 706 Linkfield Road, Watertown, CT 06795 (US).

(74) **SEEMANN, Robert, A.**; 89 Earl Avenue, Hamden, CT 06514 (US).

(81) AL AM AT AU AZ BA BB BG 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 98/51466** (13) A1

(21) PCT/NL98/00285

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

(25) nl (26) en

(31) 1006079 (32) **16 May/mai 1997** (33) NL (16.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B29C 44/00, C08L 3/00**

(54) ● BIODEGRADABLE FOAM MOULDINGS OF THERMOPLASTIC STARCH
● MOULAGES DE MOUSSE A PARTIR D'UN AMIDON THERMOPLASTIQUE BIODEGRADABLE

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(74) **DE BRULJN, 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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) TO97A000394 (32) **9 May/mai 1997 (09.05.1997)** (33) IT

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B29C 44/52, 47/14, 47/40 // B29K 67:00**

(54) ● A PROCESS FOR THE PRODUCTION OF EXPANDED POLYESTER, IN PARTICULAR PET

● PROCEDE DE PRODUCTION DE POLYESTER EXPANSE, NOTAMMENT DE PET

(71) **L.M.P. IMPIANTI S.R.L.** [IT/IT]; Via Torino, 101, I-10088 Volpiano (IT).
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(72, 75) **CRANA, Renato** [IT/IT]; Via Amedeo Peyron, 56, I-10143 Torino (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).

(11) **WO 98/51468** (13) A1

(21) PCT/DE98/01263

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

(25) de (26) de

(31) 197 19 870.8 (32) **12 May/mai 1997 (12.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B29C 45/67**

(54) ● CLOSING UNIT FOR A PLASTIC INJECTION MOULDING MACHINE

● DISPOSITIF DE VERROUILLAGE POUR MACHINE A MOULER PAR INJECTION POUR MATIERE PLASTIQUE

(71) **ABWICKLUNGSGESELLSCHAFT KUNSTSTOFFMASCHINEN WERKSTRASSE GMBH & CO.** [DE/DE]; Werkstrasse 226, D-19061 Schwerin (DE).
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(72, 75) **FÜLLER, Klaus** [DE/DE]; Dr.-Martin-Luther-King-Strasse 2, D-19061 Schwerin (DE). **ELSNER, Lothar** [DE/DE]; Barlower Weg 48, D-19061 Schwerin (DE).

(74) **JAAP, Reinhard**; Invalidenstrasse 13, D-19370 Parchim (DE).

(81) CA 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 98/51469** (13) A1

(21) PCT/US98/09736

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

(25) en (26) en

(31) 60/046,627 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B29C 45/67**

(54) ● RAM SUPPORT SKATE FOR AN INJECTION MOLDING MACHINE

● ENSEMBLE SUPPORT DE BELIER POUR MACHINE A MOULER PAR INJECTION

(71) **CINCINNATI MILACRON INC.** [US/US]; 4701 Marburg Avenue, Cincinnati, OH 45209 (US).
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(72, 75) **JOYNER, Van, K.** [US/US]; 5309 Silverwood Court, West Chester, OH 45069 (US). **HERTZER, Ronald, A.** [US/US]; 5913 Woodspointe Drive, Cincinnati, OH 45249 (US). **VAN KEUREN, Frederick, F., III** [US/US]; 570 Williamsburg Court, Cincinnati, OH 45244 (US).

(74) **FRISKNEY, Stephen, H.**; 4701 Marburg Avenue, Cincinnati, OH 45209 (US).

(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 98/51470** (13) A1

(21) PCT/IB98/00703

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 197 20 862.2 (32) **10 May/mai 1997 (10.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B29C 47/06, 47/20, 47/70**

(54) ● EXTRUSION TOOL AND PROCEDURE FOR ITS MANUFACTURE

● OUTIL D'EXTRUSION ET SON PROCEDE DE FABRICATION

(71) **B & W KUNSTSTOFFMASCHINENBAU & HANDELSGESELLSCHAFT MBH** [DE/DE]; Mohriner Allee 30, D-12347 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KREBS, Stefan** [DE/DE]; Ottokarstrasse 1, D-12105 Berlin (DE).

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

(11) **WO 98/51471** (13) A1

(21) PCT/GB98/01323

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

(25) en (26) en

(31) 9709460.1 (32) **9 May/mai 1997 (09.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B29C 47/24, A23P 1/12**

(54) ● A HELICAL FOOD PRODUCT

● PRODUIT ALIMENTAIRE DE FORME HELICOIDALE

(71) **BERNARD MATTHEWS PLC** [GB/GB]; Great Witchingham, Great Witchingham Hall, Norwich, Norfolk NR9 5QD (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MATTHEWS, Bernard, Trevor** [GB/GB]; Great Witchingham Hall, Norwich, Norfolk NR9 5QD (GB). **JOLL, David, John** [GB/GB]; Irmingham Hall, Corpusty, Norfolk NR11 6QF (GB). **WILSON, David, Norman** [GB/GB]; "Syringa" Pond Lane, Drayton, Norwich, Norfolk NR8 6PP (GB). **ROBERTS, Peter, Elwyn** [GB/GB]; 21 Farm View, North Walsham, Norwich, Norfolk NR28 9UY (GB). **BARKER, John, Harry** [GB/GB]; 7 Willow Grove, Sunway Park, Sheringham, Norfolk NR26 8LU (GB).

(74) **EVANS, David, Charles** et al. / etc.; fJ Cleveland, 40-43 Chancery Lane, London WC2A 1JQ (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 98/51472** (13) A1

(21) PCT/FR98/00984

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

(25) fr (26) fr

(31) 97/06082 (32) **15 May/mai 1997 (15.05.1997)** (33) FR

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B29C 49/00, A61C 7/00, 13/00**

(54) ● PREFORM FOR OBTAINING AFTER DEFORMATION CUSTOMISED ORTHODONTIC APPLIANCES OR DENTAL ORTHOPAEDICS, RESULTING APPLIANCES AND METHOD FOR OBTAINING SAME

● PREFORME PERMETTANT L'OBTENTION APRES DEFORMATION D'APPAREILS ORTHODONTIQUES OU D'ORTHOPEDIE DENTO-FACIALE PERSONNALISES, LES APPAREILS OBTENUS ET LEUR PROCEDE D'OBTENTION

(71, 72) **BONNET, François** [FR/FR]; 6, passage du Ténor, F-69100 Villeurbanne (FR). **BONNET, Maïwenn** [FR/FR]; 16, rue Deparcieux, F-75014 Paris (FR). **BONNET, Bruno** [FR/FR]; 12, rue Danton, F-94270 Le Kremlin Bicêtre (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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/51473** (13) A1
 (21) PCT/SE98/00769
 (22) **28 Apr/avr 1998 (28.04.1998)**
 (25) sv (26) en
 (31) 9701764-4 (32) **12 May/mai 1997 (12.05.1997)** (33) SE
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **B29C 51/14, 51/10**
 (54) ● ARRANGEMENT AND METHOD FOR FORMING A LOAD-BEARING MEMBER OF REINFORCED THERMOPLASTIC, AND SUCH A LOAD-BEARING MEMBER
 ● SYSTEME ET PROCEDE POUR FORMER UN ELEMENT PORTEUR EN THERMOPLASTIQUE RENFORCE, ET ELEMENT PORTEUR AINSI FORME
 (71) **AB VOLVO** [SE/SE]; S-405 08 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **WESTERLUND, Gunnar** [SE/SE]; Järpstigen 9, S-442 33 Kungälv (SE).
 (74) **GRAUDUMS, Valdis** et al. / etc.; Albiņšs Patentbūros Göteborg AB, P.O. Box 142, S-401 22 Göteborg (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 98/51474** (13) A1
 (21) PCT/US98/07349
 (22) **14 Apr/avr 1998 (14.04.1998)**
 (25) en (26) en
 (31) 08/854,460 (32) **12 May/mai 1997 (12.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **B29C 55/06**
 (54) ● IMPROVED METHODS OF MAKING STRETCHED FILLED MICROPOROUS FILMS
 ● PROCEDE AMELIORE DE FABRICATION DE FILMS MICROPOREUX ETIRES CHARGES
 (71) **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 North Lake Street, Neenah, WI 54956 (US).
 (72) **JONES, Billy, Ray, Jr.**; 2835 Northern Oak Drive, Cumming, GA 30131 (US). **JACOBS, Rob, Lee**; 512 Chieftain Court, Woodstock, GA 30188 (US). **WILSON, Tracy, Neal**; 110 Remington Court, Woodstock, GA 30188 (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 98/51475** (13) A1
 (21) PCT/IB98/00663
 (22) **1 May/mai 1998 (01.05.1998)**

- (25) en (26) en
 (31) 08/853,301 (32) **9 May/mai 1997 (09.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **B29C 55/18**
 (54) ● METHOD FOR FORMING A BREATHABLE FILM
 ● PROCEDE DE FORMATION D'UN FILM IMPER-PERSPIRANT
 (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
 (72) **DOBRIN, George, Christopher**; 2941 Eggers Place, Cincinnati, OH 45211 (US). **GOENS, Thomas, Masazi**; 4123 Lora Avenue, Cincinnati, OH 45211 (US). **PHILLIPS, Donna, Sue**; 7717 North Hogan Road, Aurora, IN 47001 (US). **CURRO, John, Joseph**; 3102 Dot Drive, Cincinnati, OH 45213 (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 98/51476** (13) A1
 (21) PCT/US98/08088
 (22) **12 May/mai 1998 (12.05.1998)**
 (25) en (26) en
 (31) 08/856,327 (32) **14 May/mai 1997 (14.05.1997)** (33) US
 (31) 09/025,881 (32) **19 Feb/fév 1998 (19.02.1998)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **B29C 65/36, F16L 13/007, 13/10**
 (54) ● PROCESS FOR FORMING FLUID FLOW CONDUIT SYSTEMS AND PRODUCTS THEREOF
 ● PROCEDE DE FORMATION DE SYSTEMES DE CONDUITS D'ECOULEMENT DE FLUIDE ET PRODUITS OBTENUS
 (71) **ASHLAND INC.** [US/US]; P.O. Box 2219, Columbus, OH 43216 (US).
 (72) **RAGNO, Michael, A.**; 524 Ridge Road, Clover, SC 29710 (US). **TOPPING, Michael, H.**; 11333 Snapfinger Drive, Charlotte, NC 28277 (US).
 (74) **CONNAUGHTON, Martin**; Ashland Inc., P.O. Box 2219, Columbus, OH 43216 (US) et al. / etc.
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB 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; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/51477** (13) A1
 (21) PCT/NL98/00261

- (22) **12 May/mai 1998 (12.05.1998)**
 (25) nl (26) en
 (31) 1006059 (32) **14 May/mai 1997 (14.05.1997)** (33) NL
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **B29C 67/00, B29B 13/02, B29C 41/34**
 (54) ● METHOD AND DEVICE FOR PRODUCING A SHAPED BODY
 ● PROCEDE ET APPAREIL POUR PRODUIRE UN CORPS FAÇONNE
 (71, 72) **VAN DER GEEST, Adrianus, Franciscus** [NL/NL]; Prins Bernhardstraat 59A, NL-2202 LG Noordwijk (NL).
 (74) **BAKKUM, R., J.**; Van Exter Polak & Charlouis B.V., P.O. Box 3241, NL-2280 GE Rijswijk (NL).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51478** (13) A1
 (21) PCT/US98/09626
 (22) **12 May/mai 1998 (12.05.1998)**
 (25) en (26) en
 (31) 08/855,125 (32) **13 May/mai 1997 (13.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **B29C 67/00**
 (54) ● METHOD OF AND APPARATUS FOR DERIVING DATA INTERMEDIATE TO CROSS-SECTIONAL DATA DESCRIPTIVE OF A THREE-DIMENSIONAL OBJECT
 ● PROCEDE ET APPAREIL PERMETTANT DE DERIVER DES DONNEES INTERMEDIAIRES A DES DONNEES TRANSVERSALES DECRIVANT UN OBJET TRIDIMENSIONNEL
 (71) **3D SYSTEMS, INC.** [US/US]; 26081 Avenue Hall, Valencia, CA 91355 (US).
 (72) **NGUYEN, Hop, D.**; 42326 59th Street West, Quartz Hill, CA 93536 (US). **SMALLEY, Dennis, R.**; 25029 Wheeler Road, Newhall, CA 91321 (US).
 (74) **RITTMASER, Ted, R.**; Merchant, Gould, Smith, Edell, Welter & Schmidt, Suite 400, 11150 Santa Monica Boulevard, Los Angeles, CA 90025-3395 (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 98/51479** (13) A1
(21) PCT/US98/09666
(22) **12 May/mai 1998 (12.05.1998)**
(25) en (26) en
(31) 08/854,950 (32) **13 May/mai 1997 (13.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **B29C 67/00, 41/12**
(54) ● METHOD AND APPARATUS FOR IDENTIFYING SURFACE FEATURES ASSOCIATED WITH SELECTED LAMINAE OF A THREE-DIMENSIONAL OBJECT BEING STEREOLITHOGRAPHICALLY FORMED
● PROCEDE ET APPAREIL POUR L'IDENTIFICATION DE CARACTERISTIQUES DE SURFACE ASSOCIEES A DES COUCHES SELECTIONNEES D'UN OBJET TRIDIMENSIONNEL FORME PAR STEREO-LITHOGRAPHIE
(71) **3D SYSTEMS, INC.** [US/US]; 26081 Avenue Hall, Valencia, CA 91355 (US).
(72) **MANNERS, Chris, R.**; 4337 Riverglen Street, Moorpark, CA 93021 (US). **SMALLEY, Dennis, R.**; 25029 Wheeler Road, Newhall, CA 91321 (US).
(74) **RITTMASER, Ted, R.**; Merchant, Gould, Smith, Edell, Welter & Schmidt, Suite 400, 11150 Santa Monica Boulevard, Los Angeles, CA 90025-3395 (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).
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- (11) **WO 98/51480** (13) A1
(21) PCT/SE98/00768
(22) **28 Apr/avr 1998 (28.04.1998)**
(25) sv (26) en
(31) 9701763-6 (32) **12 May/mai 1997 (12.05.1997)** (33) SE
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **B29C 70/44, B29D 22/00**
(54) ● ARRANGEMENT, METHOD AND HOLLOW BODY IN CONNECTION WITH FORMING OF PLASTIC COMPONENTS
● DISPOSITIF, PROCEDE ET CORPS CREUX ASSOCIES AU FORMAGE DE COMPOSANTS EN PLASTIQUE
(71) **AB VOLVO** [SE/SE]; S-405 08 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **WESTERLUND, Gunnar** [SE/SE]; Järpstigen 9, S-442 33 Kungälv (SE).
(74) **GRAUDUMS, Valdis** et al. / etc.; Albiņns Patentbyrå Göteborg AB, P.O. Box 142, S-401 22 Göteborg (SE).
(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 98/51481** (13) A1
(21) PCT/SE98/00770
(22) **28 Apr/avr 1998 (28.04.1998)**
(25) sv (26) en
(31) 9701755-2 (32) **12 May/mai 1997 (12.05.1997)** (33) SE
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **B29C 70/44, B29D 22/00**
(54) ● ARRANGEMENT, METHOD AND HOLLOW BODY IN CONNECTION WITH FORMING OF PLASTIC COMPONENTS
● SYSTEME, PROCEDE ET CORPS CREUX UTILISES EN ASSOCIATION AVEC LE FORMAGE DE COMPOSANTS PLASTIQUES
(71) **AB VOLVO** [SE/SE]; S-405 08 Göteborg (SE). **INSTITUTET FÖR FIBER- OCH POLYMER-TEKNOLOGI** [SE/SE]; P.O. Box 104, S-431 22 Mölndal (SE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **HANSSON, Witold** [SE/SE]; Ernst Torulfsgatan 14E, S-416 73 Göteborg (SE). **TOLLEMARK, Per** [SE/SE]; Högholmsvägen 90, S-448 33 Floda (SE). **WESTERLUND, Gunnar** [SE/SE]; Järpstigen 9, S-442 33 Kungälv (SE).
(74) **GRAUDUMS, Valdis** et al. / etc.; Albiņn Patentbyrå Göteborg AB, P.O. Box 142, S-401 22 Göteborg (SE).
(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 98/51482** (13) A1
(21) PCT/US97/08665
(22) **16 May/mai 1997 (16.05.1997)**
(25) en (26) en
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **B29D 29/08**
(54) ● IMPROVED METHOD TO CURE ENDLESS TRACK BELTS AND APPARATUS THEREFOR
● TECHNIQUE AMELIOREE DE DURCISSEMENT DE BANDES DE CHENILLES ET DISPOSITIF CORRESPONDANT
(71) **THE GOODYEAR TIRE & RUBBER COMPANY** [US/US]; 1144 East Market Street, Akron, OH 44316-0001 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **FELDMANN, Thomas, Brian** [US/US]; 313 Sturgeon Street, St Mary's, OH 45885 (US).
(74) **DION, Marc, R., Sr.**; The Goodyear Tire & Rubber Company, 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).
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- (11) **WO 98/51483** (13) A1
(21) PCT/GB98/01336
(22) **11 May/mai 1998 (11.05.1998)**
(25) en (26) en
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- (31) 9709598.8 (32) **12 May/mai 1997 (12.05.1997)** (33) GB
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **B29D 30/48**
(54) ● A METHOD OF AND APPARATUS FOR PRODUCING SINGLE WIRE BEADS FOR TYRES
● PROCEDE ET DISPOSITIF SERVANT A FABRIQUER DES TALONS DE PNEU A UN SEUL FIL
(71) **A.R.T.** [NL/NL]; Dr. Staringstraat 11, NL-7582 BL Losser (NL).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **POWELL, Bernard, William** [GB/GB]; 1 Church Walk, Stourport-on-Severn, Worcestershire DY13 0AL (GB).
(74) **NEWBY, Martin, John**; J.Y. & G.W. Johnson, Kingsbourne House, 229-231 High Holborn, London WC1V 7DP (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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- Published / Publiée : (a)
-
- (11) **WO 98/51484** (13) A1
(21) PCT/NO98/00129
(22) **22 Apr/avr 1998 (22.04.1998)**
(25) no (26) en
(31) 972005 (32) **30 Apr/avr 1997 (30.04.1997)** (33) NO
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **B30B 9/30, 1/04**
(54) ● ARRANGEMENTS IN A PRESSING APPARATUS FOR FOLDING CARDBOARD BOXES AND CONTAINERS, AS WELL AS USE OF SUCH A PRESSING APPARATUS
● DISPOSITIF PRESSEUR PERMETTANT DE PLIER DES BOITES ET DES RECIPIENTS EN CARTON, ET UTILISATION DUDIT DISPOSITIF
(71, 72) **HOVDA, Olav** [NO/NO]; N-4164 Fogn (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 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 98/51485** (13) A1
(21) PCT/US98/09615
(22) **13 May/mai 1998 (13.05.1998)**
(25) en (26) en
(31) 60/047,019 (32) **14 May/mai 1997 (14.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **B32B 3/00**

(54) ● VERY ULTRA THIN CONDUCTOR LAYERS FOR PRINTED WIRING BOARDS

● COUCHES CONDUCTRICES ULTRA MINCES POUR CARTES IMPRIMEES

(71) **ALLIEDSIGNAL, INC.** [US/US]; 101 Columbia Road, Morristown, NJ 07960-4638 (US).

(72) **SMITH, Gordon, C.**; 1432 S. Highland Avenue, Arlington Heights, IL 60005 (US).

(74) **SEAY, Nicholas, J.**; Quarles & Brady, P.O. Box 2113, Madison, WI 53701-2113 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51486** (13) A1

(21) PCT/US98/03199

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

(25) en (26) en

(31) 08/854,895 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B32B 3/12**

(54) ● HIGH THERMAL CONDUCTIVITY PLUGS FOR STRUCTURAL PANELS

● PLOTS A FORTE CONDUCTIVITE THERMIQUE POUR PANNEAUX STRUCTURAUX

(71) **LOCKHEED MARTIN CORPORATION** [US/US]; 6801 Rockledge Drive, Bethesda, MD 20817-1836 (US).

(72) **RAWAL, Suraj, Prakash**; 6266 South Gray Court, Littleton, CO 80123 (US).

(74) **DIVNEY, Jeffrey, A.** 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 98/51487** (13) A1

(21) PCT/US98/08940

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/855,026 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B32B 5/18, 31/00, 7/14, G01N 21/00, A61L 3/00**

(54) ● DIE CUT REAGENT MEMBRANE, HOLDER AND METHOD

● MEMBRANE REACTIVE DECOUPEE A L'EMPORTE-PIECE, SYSTEME DE MAINTIEN ET PROCEDE

(71) **ANSYS, INC.** [US/US]; 2 Goodyear, Irvine, CA 92618 (US).

(72) **BACHAND, Steven, S.**; 23767 North Shore Lane, Laguna Niguel, CA 92677 (US).

(74) **HACKLER, Walter, A.**; Suite B, 2372 S.E. Bristol, 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).

Published / Publiée : (b)

(11) **WO 98/51488** (13) A1

(21) PCT/DE98/01176

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

(25) de (26) de

(31) 297 08 687.1 (32) **15 May/mai 1997 (15.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B32B 7/12, G06K 19/04, 19/077**

(54) ● BONDED JOINT

● RACCORD PAR COLLAGE

(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) **HEINEMANN, Erik** [DE/DE]; Rennweg 4H, D-93049 Regensburg (DE). **HENN, Ralf** [DE/DE]; Rosenbergstrasse 17, D-56579 Hardert (DE). **PÜSCHNER, Frank** [DE/DE]; Kohlen-schachtweg 5, D-93309 Kelheim (DE).

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

Published / Publiée : (c)

(11) **WO 98/51489** (13) A1

(21) PCT/JP98/02026

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

(25) ja (26) ja

(31) 9/119252 (32) **9 May/mai 1997 (09.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B32B 15/08, B29C 45/14, 47/02**

(54) ● COMPOSITE POLYESTER RESIN MOLDINGS

● OBJETS MOULES COMPOSITES EN RESINE DE POLYESTER

(71) **TEIJIN LIMITED** [JP/JP]; 6-7, Minamihom-machi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-8587 (JP).

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

(72, 75) **DOTEGUCHI, Mitsuru** [JP/JP]; Teijin Limited, Chiba Research Center, 4-13, Oonodai 1-chome, Midori-ku, Chiba-shi, Chiba 267-0056 (JP). **TADOKORO, Naonobu** [JP/JP]; Teijin Limited, Chiba Research Center, 4-13, Oonodai 1-chome, Midori-ku, Chiba-shi, Chiba 267-0056 (JP).

(74) **MAEDA, Sumihiro**; Intellectual Property Dept., Teijin Limited, 1-1, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 100-8585 (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 98/51490** (13) A1

(21) PCT/JP98/02068

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

(25) ja (26) ja

(31) 9/122028 (32) **13 May/mai 1997 (13.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B32B 27/00, 27/18, 27/30, 27/36, 7/06, C09J 7/02**

(54) ● RELEASE FILM

● FILM DE DECOLLEMENT

(71) **TEIJIN LIMITED** [JP/JP]; 6-7, Minamihom-machi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0054 (JP).

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

(72, 75) **SUMI, Hiroyuki** [JP/JP]; Teijin Limited, Sagami-hara Research Center, 37-19, Oyama 3-chome, Sagami-hara-shi, Kanagawa 229-1105 (JP).

(74) **OHSHIMA, Masataka**; Ohshima Patent Office, Fukuya Building, 3, Yotsuya 4-chome, Shinjuku-ku, Tokyo 160-0004 (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 98/51491** (13) A1

(21) PCT/SE98/00868

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 9701786-7 (32) **14 May/mai 1997 (14.05.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B32B 27/10, 27/16, 27/32, C08J 7/06, B65B 55/10 // B41M 1/30**

(54) ● PRINTING INK-DECORATED PACKAGING MATERIAL, IN PARTICULAR FOR ASEPTIC PACKAGES

● MATERIAU D'EMBALLAGE DECORE A L'ENCRE D'IMPRIMERIE ET DESTINE NOTAMMENT AUX EMBALLAGES ASEPTIQUES

(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) **LASSON, Rolf** [SE/SE]; Rudeboksvägen 307, S-226 55 Lund (SE). **KARLSSON, Christer** [SE/SE]; Admiralvägen 7, S-237 32 Bjärred (SE).

JOHANSSON, Kaj [SE/SE]; Sonarp 757, S-260 24 Röstänga (SE). **PUSZTAL, Zoltan** [SE/SE]; Tamburinvägen 17, S-245 42 Staffanstorp (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 98/51492** (13) A1
(21) PCT/SE98/00869
(22) **12 May/mai 1998 (12.05.1998)**
(25) en (26) en
(31) 9701787-5 (32) **14 May/mai 1997 (14.05.1997)** (33) SE
(43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B32B 27/10, 27/16, 27/32, B65B 55/10, C08J 7/06 // B41M 1/30**
- (54) ● A METHOD IN THE PRODUCTION OF A PRINTING INK-DECORATED PACKAGING MATERIAL
● PROCEDE DE PRODUCTION D'UN MATERIAU D'EMBALLAGE DECORE A L'ENCRE D'IMPRIMERIE
- (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) **LASSON, Rolf** [SE/SE]; Rudeboksvägen 307, S-226 55 Lund (SE). **KARLSSON, Christer** [SE/SE]; Admiralvägen 7, S-237 32 Bjärred (SE). **JOHANSSON, Kaj** [SE/SE]; Sonarp 757, S-260 24 Röstänga (SE). **PUSZTAI, Zoltan** [SE/SE]; Tamburinvägen 17, S-245 42 Staffanstorp (SE).
- (74) **SUNDELL, Håkan**; AB Tetra Pak, Ruben Rausingata, 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).
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- (11) **WO 98/51493** (13) A1
(21) PCT/SE98/00871
(22) **12 May/mai 1998 (12.05.1998)**
(25) en (26) en
(31) 9701789-1 (32) **14 May/mai 1997 (14.05.1997)** (33) SE
(43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B32B 27/10, 27/16, 27/32, 31/12, B65B 55/10, C08J 7/06 // B41M 1/30**
- (54) ● A PRINTING INK-DECORATED PACKAGING MATERIAL FOR ASEPTIC PACKAGES, AND A METHOD OF PRODUCING THE SAME
● MATERIAU D'EMBALLAGE DECORE A L'ENCRE D'IMPRIMERIE ET DESTINE AUX EMBALLAGES ASEPTIQUES, ET PROCEDE DE PRODUCTION CORRESPONDANT
- (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) **MALMGREN, Rolf** [SE/SE]; Matroskatan 3, S-261 61 Landskrona (SE). **MAGNUSSON, Tommy** [SE/SE]; Assarhusavägen 214, S-240 36 Södra Sandby (SE). **LETH, Ib** [SE/SE]; Anna Hökarens väg 7, S-273 64 Kävlinge (SE). **BERLIN, Mikael** [SE/SE]; Fjellievägen 13B, 4 vån., S-227 36 Lund (SE). **BENTMÄR, Mats** [SE/SE]; Håsthovsgatan 8, S-233 37 Svedala (SE).
- (74) **SUNDELL, Håkan**; AB Tetra Pak, Ruben Rausingata, 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).
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- (11) **WO 98/51494** (13) A1
(21) PCT/EP98/02619
(22) **4 May/mai 1998 (04.05.1998)**
(25) de (26) de
(31) 197 20 313.2 (32) **15 May/mai 1997 (15.05.1997)** (33) DE
(43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B32B 27/18, 15/08, 27/32, B65D 65/40, B32B 31/00**
- (54) ● MULTI-LAYER, DRAWN, HEAT-SEALABLE, VACUUM-PLATED POLYPROPYLENE FILM
● FILM POLYPROPYLENE MULTICOUCHE, ETIRE, THERMOSOLUBLE ET METALLISE AU VIDE
- (71) **WOLFF WALSRÖDE AG** [DE/DE]; D-29655 Walsrode (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BRANDT, Rainer** [DE/DE]; Am Berge 8, D-29664 Walsrode (DE). **GERNOT, Thomas** [DE/DE]; Borsteler Dorfstrasse 67, D-27283 Verden (DE). **SCHWARZ, Willi** [DE/DE]; Schleheworth 1, D-29699 Bomlitz (DE). **EINENKEL, Harald** [DE/DE]; Hunzigen Kolonie 49, D-29664 Walsrode (DE).
- (74) **HELLFELDT, Kurt**; 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 98/51495** (13) A1
(21) PCT/JP98/02109
(22) **13 May/mai 1998 (13.05.1998)**
(25) ja (26) ja
(31) 9/127175 (32) **16 May/mai 1997 (16.05.1997)** (33) JP
(43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B32B 27/30, B05D 7/24, C09D 127/12, C08F 214/18**
- (54) ● SLIDING COMPOSITE MATERIAL
● MATERIAU COMPOSITE AUX PROPRIETES COULISSANTES
- (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).
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- (11) **WO 98/51496** (13) A1
(21) PCT/EP98/02832
(22) **8 May/mai 1998 (08.05.1998)**
(25) en (26) en
(31) 9709404.9 (32) **10 May/mai 1997 (10.05.1997)** (33) GB
(43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B41C 1/10, B41M 5/36**
- (54) ● IMPROVEMENTS IN OR RELATING TO THE FORMATION OF IMAGES
● AMELIORATIONS DE FORMATION D'IMAGES
- (71) **AGFA-GEVAERT NAAMLOZE VENNOOTSCHAP** [BE/BE]; Septestraat 27, B-2640 Mortsel (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OBUCHOWICZ, Jacek, Paul** [GB/GB]; 4 Beechwood Road, Mirfield, West Yorkshire WF14 9JX (GB). **ZUMSTEG, Fredrick, Claus** [US/US]; 2715 Silverside Road, Wilmington, DE 19810 (US).
- (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 98/51497** (13) A2
(21) PCT/DE98/01315
(22) **13 May/mai 1998 (13.05.1998)**
(25) de (26) de
(31) 197 20 240.3 (32) **14 May/mai 1997 (14.05.1997)** (33) DE
(43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B41F 13/008, F16D 3/18, 3/72, 3/79**
- (54) ● DRIVE FOR A ROTATING COMPONENT OF A ROTARY PRINTING PRESS
● DISPOSITIF D'ENTRAINEMENT POUR COMPOSANT TOURNANT D'UNE 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) **WESCHENFELDER, Kurt, Johannes** [DE/DE]; Lerchenweg 1, D-97299 Zell am Main (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 98/51498** (13) A2

(21) PCT/DE98/01293

(22) **9 May/mai 1998 (09.05.1998)**

(25) de (26) de

(31) 197 19 553.9 (32) **9 May/mai 1997 (09.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B41F 13/56, B65H 45/16, 45/22**

(54) ● FOLDING APPARATUS OF LOW OVERALL HEIGHT FOR USE IN A WEB-FED ROTARY PRESS

● PLIEUSE DE FAIBLE ENCOMBREMENT EN HAUTEUR POUR ROTATIVE A BOBINES

(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) **MICHALIK, Horst, Bernhard** [DE/DE]; Al-lerseeweg 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).

(11) **WO 98/51499** (13) A2

(21) PCT/DE98/01294

(22) **9 May/mai 1998 (09.05.1998)**

(25) de (26) de

(31) 197 19 559.8 (32) **9 May/mai 1997 (09.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B41F 27/12**

(54) ● METHOD AND DEVICE FOR ASSEMBLING FLEXIBLE PLATES, FOR EXAMPLE PRINTING PLATES

● PROCEDE ET DISPOSITIF DE MONTAGE DE PLAQUES FLEXIBLES, PAR EXEMPLE DE PLAQUES OFFSET

(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) **SCHNEIDER, Georg** [DE/DE]; Fritz-Haber-Strasse 13, D-97080 Würzburg (DE). **SCHÄFER, Karl, Robert** [DE/DE]; Brunnenstrasse 1, D-97222 Rimpfing (DE).

(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 98/51500** (13) A1

(21) PCT/DE98/01309

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

(25) de (26) de

(31) 197 19 560.1 (32) **9 May/mai 1997 (09.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B41F 31/02, 31/00**

(54) ● INKER UNIT

● DISPOSITIF D'ENCRAGE

(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) **SCHNEIDER, Georg** [DE/DE]; Fritz-Haber-Strasse 13, D-97080 Würzburg (DE). **KUTZNER, Willi, Albert, Peter** [DE/DE]; Johannes-Kepler-Strasse 22, D-97074 Würzburg (DE). **REDER, Wolfgang, Otto** [DE/DE]; Thüningersheimer Strasse 35, D-97209 Veitshöchheim (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).

Published / Publiée : (c)

(11) **WO 98/51501** (13) A1

(21) PCT/US98/09582

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 60/046,293 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(31) 08/937,817 (32) **29 Sep/sep 1997 (29.09.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B41J 2/015, 2/035, 2/135, 2/06, B01L 3/02, G01N 27/26**

(54) ● AN ELECTROHYDRODYNAMIC RECEPTOR
● RECEPTEUR ELECTROHYDRODYNAMIQUE

(71) **SARNOFF CORPORATION** [US/US]; 201 Washington Road, CN 5300, Princeton, NJ 08543 (US).

(72) **CHERUKURI, Satyam, C.**; 90 Cranbury Neck Road, Cranbury, NJ 08512 (US). **LEVINE, Aaron, W.**; 6 Springwood Drive, Lawrenceville, NJ 08648 (US). **MC BRIDE, Sterling, Eduard**; 4214 Fieldcrest Court, Lawrenceville, NJ 08648 (US). **YORK, Pamela, K.**; 1612 Yardley Commons, Yardley, PA 19067 (US).

(74) **BURKE, William, J.** et al. / etc.; Sarnoff Corporation, 201 Washington Road, CN 5300, Princeton, NJ 08543 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51502** (13) A1

(21) PCT/US98/09599

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

(25) en (26) en

(31) 60/046,293 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(31) 60/046,321 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(31) 08/937,817 (32) **29 Sep/sep 1997 (29.09.1997)** (33) US

(31) 08/998,406 (32) **24 Dec/déc 1997 (24.12.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B41J 2/015, 2/035, 2/135, 2/06, B01L 3/02, G01N 27/26**

(54) ● ELECTRODE COMBINATIONS, INCLUDING A RING ELECTRODE, FOR PUMPING FLUIDS

● COMBINAISONS D'ELECTRODES, Y COMPRIS UNE ELECTRODE ANNULAIRE, DESTINEES A POMPER DES FLUIDES

(71) **SARNOFF CORPORATION** [US/US]; 201 Washington Road, CN 5300, Princeton, NJ 08543-5300 (US).

(72) **MC BRIDE, Sterling, E.**; 4214 Fieldcrest Court, Lawrenceville, NJ 08648 (US). **YORK, Pamela, K.**; 1612 Yardley Commons, Yardley, PA 19067 (US).

(74) **BURKE, William, J.** et al. / etc.; Sarnoff Corporation, 201 Washington Road, CN 5300, Princeton, NJ 08543-5300 (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).

(11) **WO 98/51503** (13) A1

(21) PCT/GB98/01254

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 9709462.7 (32) **9 May/mai 1997 (09.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B41J 2/025**

(54) ● A DROPLET GENERATOR FOR A CONTINUOUS STREAM INK JET PRINT HEAD
● GENERATEUR DE GOUTTELETTES POUR TETE D'IMPRESSION A JET D'ENCRE CONTINU

(71) **THE GENERAL ELECTRIC COMPANY, PLC** [GB/GB]; One Bruton Street, London W1X 8AQ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHERMAN, Nigel, Edward** [GB/GB]; 6 Cornmill Green, Woolpit, Bury St. Edmunds IP30 9RB (GB). **MARTIN, Graham, Dagnall** [GB/GB]; 18 St. Marys Road, Sawston, Cambridge CB2 4SP (GB). **PANNU, Sukbir, Singh** [GB/GB]; 69 Broadway, Grantchester, Cambridge, CB3 9QN (GB). **EAST, Amanda, Hazell** [GB/GB]; 8 School Lane, Boxworth, Cambridgeshire CB3 8ND (GB).

(74) **McGOWAN, Nigel, George**; GEC Patent Dept., Waterhouse Lane, Chelmsford, Essex CM1 2QX (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 98/51504** (13) A1

(21) PCT/GB98/01387

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

- (25) en (26) en
- (31) 9709862.8 (32) **15 May/mai 1997** (33) GB (15.05.1997)
- (31) 9802871.5 (32) **12 Feb/fév 1998** (33) GB (12.02.1998)
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B41J 2/045, 2/21**
- (54) ● OPERATION OF DROPLET DEPOSITION APPARATUS
● FONCTIONNEMENT D'UN APPAREIL A DEPOT DE GOUTTELETTES
- (71) **KAAR TECHNOLOGY LIMITED** [GB/GB]; Science Park, Cambridge CB4 4FD (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WEBB, Laura, Anne** [GB/GB]; 56 Middle Watch, Swavesey, Cambridge CB4 5RN (GB).
- (74) **MOIR, Michael, Christopher**; Mathys & Squire, 100 Grays Inn Road, London WC1X 8AL (GB).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/51505** (13) A1
- (21) PCT/US98/09341
- (22) **7 May/mai 1998** (07.05.1998)
- (25) en (26) en
- (31) 08/856,515 (32) **15 May/mai 1997** (33) US (15.05.1997)
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B41J 2/045, 2/17**
- (54) ● NON-RESONANT AND DECOUPLED DROPLET GENERATOR
● GENERATEUR DE GOUTTES DECOUPLE ET NON RESONNANT
- (71) **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** [US/US]; Room E32-300, 77 Massachusetts Avenue, Cambridge, MA 02139 (US).
- (72) **SACHS, Emanuel, M.**; 18 Moreland Avenue, Newton, MA 02159 (US). **SERDY, James, G.**; 222 Marlborough Street, Boston, MA 02116 (US).
- (74) **WEISSBURG, Steven, J.**; Suite 303, 238 Main Street, Cambridge, MA 02142 (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 98/51506** (13) A1
- (21) PCT/JP98/02108
- (22) **13 May/mai 1998** (13.05.1998)
- (25) ja (26) ja
- (31) 9/124573 (32) **14 May/mai 1997** (33) JP (14.05.1997)
- (31) 10/6687 (32) **16 Jan/jan 1998** (33) JP (16.01.1998)
- (31) 10/20550 (32) **2 Feb/fév 1998** (33) JP (02.02.1998)
- (31) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B41J 2/135, 2/16**
- (54) ● METHOD OF FORMING NOZZLE FOR INJECTORS AND METHOD OF MANUFACTURING INK JET HEAD
● PROCEDE DE FORMATION D'AJUTAGE POUR INJECTEURS ET PROCEDE DE FABRICATION D'UNE TETE A JET D'ENCRE
- (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) **MAKIGAKI, Tomohiro** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 (JP). **TAKEKOSHI, Taro** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 (JP). **FUJII, Masahiro** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 (JP). **KITAHARA, Koji** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 (JP). **FUJITA, Seichi** [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) 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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- (11) **WO 98/51507** (13) A1
- (21) PCT/US98/09819
- (22) **14 May/mai 1998** (14.05.1998)
- (25) en (26) en
- (31) 08/857,520 (32) **16 May/mai 1997** (33) US (16.05.1997)
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B41J 3/00, 2/14, 2/16, 2/01, 13/12, 13/18, G06K 5/00, 7/08**
- (54) ● IDENTIFICATION CARD PRINTER
● IMPRIMANTE DE CARTE D'IDENTIFICATION
- (71) **FARGO ELECTRONICS, INC.** [US/US]; 7901 Flying Cloud Drive, Eden Prairie, MN 55344 (US).
- (72) **CUMMINS, Robert, P.**; 9658 Xylon Avenue South, Bloomington, MN 55438 (US). **HAAS, Darren, W.**; Apartment 348, 1030 Felt Court, Hopkins, MN 55343 (US). **HAGSTROM, Erick**; 19805 Old Sturbridge Road, Hamel, MN 55340 (US). **DUNHAM, Matthew, K.**; 3877 Kennet Circle, Eagan, MN 55123 (US). **PAULSON, Bradley, A.**; 415 North Plum Street, Northfield, MN 55057 (US).
- (74) **CHAMPLIN, Judson, K.** et al. / etc.; Westman, Champlin & Kelly, P.A., International Centre - Suite 1600, 900 Second Avenue South, Minneapolis, MN 55402-3319 (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 98/51508** (13) A1
- (21) PCT/US98/09532
- (22) **11 May/mai 1998** (11.05.1998)
- (25) en (26) en
- (31) 08/854,969 (32) **13 May/mai 1997** (33) US (13.05.1997)
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B41J 13/12**
- (54) ● PRINTER WITH AUXILIARY OPERATION
● IMPRIMANTE A FONCTION AUXILIAIRE
- (71) **FARGO ELECTRONICS, INC.** [US/US]; 7901 Flying Cloud Drive, Eden Prairie, MN 55344 (US).
- (72) **HAGSTROM, Erick**; 19805 Old Sturbridge Road, Hamel, MN 55340 (US). **DUNHAM, Matthew, K.**; 3877 Kennet Circle, Eagan, MN 55123 (US). **HAAS, Darren, W.**; Apartment 348, 1030 Felt Court, Hopkins, MN 55343 (US).
- (74) **WESTMAN, Nickolas, E.** et al. / etc.; Westman, Champlin & Kelly, P.A., International Centre, Suite 1600, 900 Second Avenue South, Minneapolis, MN 55402-3319 (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 98/51509** (13) A1
- (21) PCT/US98/09741
- (22) **13 May/mai 1998** (13.05.1998)
- (25) en (26) en
- (31) 60/046,291 (32) **13 May/mai 1997** (33) US (13.05.1997)
- (31) 08/939,767 (32) **29 Sep/sep 1997** (33) US (29.09.1997)
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B41J 29/38, 2/05, 2/175**
- (54) ● MULTI-ELEMENT FLUID DELIVERY APPARATUS AND METHODS
● APPAREIL ET PROCEDE D'ALIMENTATION EN FLUIDES A ELEMENTS MULTIPLES
- (71) **SARNOFF CORPORATION** [US/US]; 201 Washington Road, CN 5300, Princeton, NJ 08543-5300 (US).
- (72) **KANE, Michael, G.**; 44 Robin Drive, Skillman, NJ 08558 (US).
- (74) **BURKE, William, J.** et al. / etc.; Sarnoff Corporation, 201 Washington Road, CN 5300, Princeton, NJ 08543-5300 (US).
- (81) 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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- Published / Publiée : (c)
-
- (11) **WO 98/51510** (13) A1
- (21) PCT/US98/09644
- (22) **11 May/mai 1998** (11.05.1998)
- (25) en (26) en
- (31) 60/046,538 (32) **15 May/mai 1997** (33) US (15.05.1997)
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B41J 33/52**
- (54) ● PULLEY TENSIONER
● TENDEUR DE POULIE

(71) **DATAMAX CORPORATION** [US/US]; 4501 Parkway Commerce Boulevard, Orlando, FL 32808 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **COLONEL, Kenneth** [US/US]; 1237 Hollow Pine Drive, Oviedo, FL 32765 (US).

(72, 75) **TOBIN, Dwayne** [US/US]; 4416 Scenic Lake Drive, Orlando, FL 32808 (US).

(74) **BARRESE, Rocco, S.** 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 98/51511** (13) A1

(21) PCT/JP98/02103

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

(25) ja (26) ja

(31) 9/138011 (32) **14 May/mai 1997 (14.05.1997)** (33) JP

(31) 9/138012 (32) **14 May/mai 1997 (14.05.1997)** (33) JP

(31) 9/138013 (32) **14 May/mai 1997 (14.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B41M 5/26, C07C 317/22**

(54) ● THERMAL RECORDING MATERIAL AND NOVEL CRYSTAL OF BISPHENOL S DERIVATIVE

● MATERIAU DE THERMOGRAVURE ET NOUVEAU CRISTAL DE DERIVE DE BISPHENOL S

(71) **NIPPON KAYAKU KABUSHIKI KAISHA** [JP/JP]; 11-2, Fujimi 1-chome, Chiyoda-ku, Tokyo 102-8172 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OONISHI, Masao** [JP/JP]; 6-11-15, Kamiochiai, Yono-shi, Saitama 338-0001 (JP).
SAITO, Masaaki [JP/JP]; 3-56-2, Nakano, Kamocho, Fukuyama-shi, Hiroshima 720-2411 (JP).
IWAMOTO, Hirofumi [JP/JP]; 102, Minomicho, Fukuyama-shi, Hiroshima 720-0832 (JP).

(74) **ASAMURA, Kiyoshi** et al. / etc.; Room 331, New Ohtemachi Building, 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (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 98/51512** (13) A1

(21) PCT/EP98/02776

(22) **12 May/mai 1998 (12.05.1998)**

(25) de (26) de

(31) 197 19 936.4 (32) **13 May/mai 1997 (13.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B41N 3/08**

(54) ● WETTING AGENT FOR OFFSET PRINTING

● AGENT D'HUMIDIFICATION POUR L'IMPRESSION OFFSET

(71) **DC DRUCK CHEMIE GMBH** [DE/DE]; Wiesenstrasse 10, D-72119 Ammerbuch (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAUH, Wolfgang** [DE/DE]; Beckerbauersstrasse 8, D-81241 München (DE).
DIETZEL, Stefan [DE/DE]; Friedrichshafenerstrasse 12, D-81243 München (DE).

(74) **TETZNER, Volkmar** et al. / etc.; Van-Gogh-Strasse 3, D-81479 München (DE).

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

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(11) **WO 98/51513** (13) A1

(21) PCT/US98/09769

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 08/854.816 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(31) 09/063.525 (32) **21 Apr/avr 1998 (21.04.1998)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B42D 15/00**

(54) ● COMBINATION CARRIER DOCUMENT AND COMMUNICATION ACCESS CARD

● COMBINAISON DE DOCUMENT DE SUPPORT ET CARTE D'ACCES A DES COMMUNICATIONS

(71, 72) **AMIN, Zafar** [GB/US]; 415 E. 37th Street, New York, NY 10016 (US).
ISSACHAROFF, Matthew, J. [US/US]; 21 West 95th Street, New York, NY 10025 (US).
STROH, Ronald, J. [US/US]; 321 Pricketts Mill Road, Tabernacle, NJ 08088 (US).

(74) **MICHAL, Robert, P.**; Frishauf, Holtz, Goodman, Langer & Chick, P.C., 767 Third Avenue, New York, NY 10017-2023 (US).

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

(11) **WO 98/51514** (13) A1

(21) PCT/ES98/00116

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

(25) es (26) es

(31) P 9701023 (32) **13 May/mai 1997 (13.05.1997)** (33) ES

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B42F 15/06, 15/00**

(54) ● MULTIPLE HOLDING DEVICE

● DISPOSITIF MULTIPLE D'ATTACHE

(71, 72) **RUIZ QUINTAS, José, Luis** [ES/ES]; Calle Progreso, 77, 3°, E-32003 Orense (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 98/51515** (13) A2

(21) PCT/GB98/01315

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

(25) en (26) en

(31) 9709513.7 (32) **9 May/mai 1997 (09.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B43K 5/14, 5/10**

(54) ● MARKING INSTRUMENT

● INSTRUMENT DE MARQUAGE

(71) **PARKER PEN PRODUCTS** [GB/GB]; 101 Syon Lane, Isleworth, Middlesex TW7 5NP (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANDREWS, Neville, Edgar** [GB/GB]; 17 Ryecroft Drive, Horsham, West Sussex RH12 2AW (GB).
GROOM, Glenn, Andrew [GB/GB]; Beech Cottage, 6 Millgap Road, Eastbourne, East Sussex BN21 2JE (GB).
HARRISON, Mark [GB/GB]; 98 Hartington Road, Brighton, East Sussex BN2 3PB (GB).

(74) **BAILLIE, Iain, C.** et al. / etc.; Langner Parry, 52-54 High Holborn, London WC1V 6RR (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 98/51516** (13) A1

(21) PCT/US98/09815

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

(25) en (26) en

(31) 9/125742 (32) **15 May/mai 1997 (15.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B44C 1/14, B29C 45/14**

(54) ● DECORATIVE FILM

● FILM DECORATIF

(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) **NAKAYAMA, Akihiko** [JP/JP]; 1130-102, Hagiwara, Gotemba-city, Shizuoka 412-0042 (JP).

(74) **KNECHT, Harold, C., III** 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 98/51517** (13) A1

(21) PCT/RU98/00121

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

(25) ru (26) ru

(31) 97107039 (32) **14 May/mai 1997 (14.05.1997)** (33) RU

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B44C 1/22, B44B 1/02, H04N 1/036**

(54) ● METHOD FOR MANUFACTURING ARTICLES FROM A MODEL AND DEVICE FOR REALISING THE SAME

● PROCEDE DE FABRICATION D'UN OBJET A PARTIR D'UN MODELE ET DISPOSITIF PERMETTANT DE METTRE EN OEUVRE CE PROCEDE

(71, 72) **GAMARNIK, Vladimir Ivanovich** [RU/RU]; ul. Bakuninskaya, 8-121, Moscow, 115516 (RU).

(74) **BOGDANOVA, Galina Ivanovna**; ul. Veshnyakovskaya, 19-9, Moscow, 111539 (RU).

(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 98/51518** (13) A1

(21) PCT/US98/09784

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 60/046,257 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B60B 3/04**

(54) ● FULL FACE WHEEL WITH SLIDING FIT DISC AND RIM

● ROUE PLEINE FACE COMPORTANT UN DISQUE ET UNE JANTE A AJUSTEMENT GLISSANT

(71) **HAYES LEMMERZ INTERNATIONAL, INC.** [US/US]; 38481 Huron River Drive, Romulus, MI 48174 (US).

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

(72, 75) **BAUMGARTEN, John, M.** [US/US]; 22780 Deerfield Road, Novi, MI 48375 (US).

(74) **MOLNAR, John, B.**; MacMillan, Sobanski & Todd, One Maritime Plaza, 4th floor, 720 Water Street, Toledo, OH 48604 (US).

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

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(11) **WO 98/51519** (13) A1

(21) PCT/GB98/01335

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

(25) en (26) en

(31) 9709735.6 (32) **14 May/mai 1997 (14.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B60C 25/00**

(54) ● TYRE INFLATION BAG

● SAC UTILISE POUR GONFLER UN PNEU

(71, 72) **DICKINSON, Michael, Cecil** [GB/GB]; Squirrels Oak, Squirrels Jump, Alderley Edge, Cheshire SK9 7DR (GB). **OLDHAM, Adrian** [GB/GB]; 6 Dandy Row, Darwen, Blackburn, Lancs BB1 3BL (GB).

(74) **KELVIE, George, Thomas**; Urquhart-Dykes & Lord, Northern Assurance Buildings, 3rd floor, Albert Square, Manchester M2 4DN (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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(11) **WO 98/51520** (13) A2

(21) PCT/FI98/00397

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

(25) en (26) en

(31) 972042 (32) **13 May/mai 1997 (13.05.1997)** (33) FI

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B60G 3/02**

(54) ● LIGHTING FIXTURE

● APPAREIL D'ECLAIRAGE

(71) **TEKNOWARE OY** [FI/FI]; Ilmarisentie 8, FIN-15200 Lahti (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MURTONEN, Tapio** [FI/FI]; Mäkirinteenkatu 1 C, FIN-15950 Lahti (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 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 98/51521** (13) A1

(21) PCT/EP98/02556

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) de (26) de

(31) 197 19 627.6 (32) **9 May/mai 1997 (09.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B60G 7/02, 15/06**

(54) ● WHEEL SUSPENSION FOR MOTOR VEHICLES

● SUSPENSION DE ROUE POUR VEHICULES AUTOMOBILES

(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) **GURE, Dietmar** [DE/DE]; Talweg 2, D-71120 Grafenau (DE).

(74) **DAHMEN, Toni** et al. / etc.; Daimler-Benz Aktiengesellschaft, FTP/S - C 106, D-70546 Stuttgart (DE).

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

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(11) **WO 98/51522** (13) A1

(21) PCT/EP97/06025

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

(25) de (26) de

(31) 297 08 605.7 (32) **14 May/mai 1997 (14.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B60J 7/10, B60P 3/42, B62D 33/02**

(54) ● ROOF EXTENSION FOR THE LOADING AREA OF A TRANSPORT VEHICLE

● TOIT DE CAISSE POUR SURFACE DE CHARGEMENT D'UN VEHICULE DE TRANSPORT

(71) **DR. HÖHN GMBH** [DE/DE]; Künzelsauer Strasse 13, D-74653 Ingelfingen (DE).

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

(72, 75) **HÖHN, Roland** [DE/DE]; Künzelsauer Strasse 13, D-74653 Ingelfingen (DE).

(74) **POPP, Eugen** et al. / etc.; Meissner, Bolte & Partner, Postfach 86 06 24, D-81633 München (DE).

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

(11) **WO 98/51523** (13) A1

(21) PCT/JP98/02126

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

(25) ja (26) ja

(31) 9/124538 (32) **14 May/mai 1997 (14.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B60K 17/10, B62D 11/10**

(54) ● DRIVE UNIT FOR CRAWLER WORKING VEHICLES

● UNITE D'ENTRAINEMENT POUR VEHICULES CHENILLES

(71) **YANMAR AGRICULTURAL EQUIPMENT CO., LTD.** [JP/JP]; 1-32, Chayamachi, Kita-ku, Osaka-shi, Osaka 530-0013 (JP). **SEIREI INDUSTRY CO., LTD.** [JP/JP]; 428, Enami, Okayama-shi, Okayama 702-8004 (JP).

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

(72, 75) **OHYA, Terumitsu** [JP/JP]; Yanmar Agricultural Equipment Co., Ltd., 1-32, Chayamachi, Kita-ku, Osaka-shi, Osaka 530-0013 (JP). **SHIMADA, Takanobu** [JP/JP]; Seirei Industry Co., Ltd., 428, Enami, Okayama-shi, Okayama 702-8004 (JP).

(74) **MATSUO, Kenichiro**; 1st floor, Imaizumikoporasu, 4-26, Imaizumi 2-chome, Chuo-ku, Fukuoka-shi, Fukuoka 810-0021 (JP).

(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 98/51524** (13) A1

(21) PCT/DE98/01215

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

(25) de (26) de

(31) 197 19 213.0 (32) **9 May/mai 1997 (09.05.1997)** (33) DE

(31) 197 48 045.4 (32) **30 Oct/oct 1997 (30.10.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B60K 25/02, F02N 11/04**

(54) ● AUXILIARY GENERATOR SET WITH VARIABLE TRANSMISSION FOR AN INTERNAL COMBUSTION ENGINE

● GROUPE AUXILIAIRE ELECTRIQUE A TRANSMISSION VARIABLE POUR MOTEUR A COMBUSTION INTERNE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KOELLE, Gerhard** [DE/DE]; Hofwiesenstrasse 22, D-75446 Wiernsheim (DE). **AHNER, Peter** [DE/DE]; Kirchheimer Strasse 18, D-71032 Böblingen (DE). **GLAUNING, Peter** [DE/DE]; In der Au 2, D-71711 Steinheim (DE).

(81) 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 98/51525** (13) A1

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(22) **6 May/mai 1998 (06.05.1998)**

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(31) 197 20 390.6 (32) **15 May/mai 1997 (15.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B60K 26/02, G05G 1/14**

(54) ● PEDAL

● PEDALE

(71) **MANNESMANN VDO AG** [DE/DE]; Kruppstrasse 105, D-60388 Frankfurt (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KOHLÉN, Peter** [DE/DE]; Langwiesenweg 19, D-61273 Wehrheim (DE).

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

(11) **WO 98/51526** (13) A1

(21) PCT/GB98/01207

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 9709405.6 (32) **10 May/mai 1997 (10.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B60L 11/18**

(54) ● DRIVE SYSTEM FOR BATTERY POWERED VEHICLES

● SYSTEME D'ENTRAÎNEMENT POUR VEHICULES ALIMENTÉS PAR BATTERIE

(71) **OLDHAM CROMPTON BATTERIES LIMITED** [GB/GB]; Edward Street, Denton, Manchester M34 3AT (GB).

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

(72, 75) **GURWICZ, David** [GB/GB]; Nada House, Hawks Road, Gateshead, Tyne & Wear NE8 3BL (GB). **PURDY, Geoffrey, William** [GB/GB]; 85A Market Street, Mottram, Cheshire SK14 6JQ (GB).

(74) **BADGER, John, Raymond**; BTR Group Intellectual Property, Knights House, 2 Parade, Sutton Coldfield, West Midlands B72 1PH (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 98/51527** (13) A2

(21) PCT/EP98/02854

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

(25) de (26) de

(31) 197 20 207.1 (32) **14 May/mai 1997 (14.05.1997)** (33) DE

(31) 197 37 635.5 (32) **28 Aug/août 1997 (28.08.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B60N 2/00**

(54) ● SEAT SUBSTRUCTURE FOR A BENCH SEAT OR AN INDIVIDUAL SEAT IN A MOTOR VEHICLE

● INFRASTRUCTURE POUR BANQUETTE OU SIEGE INDIVIDUEL DE VEHICULE A MOTEUR

(71) **BIESE, Gabriela-Maria** [DE/DE]; Deikerweg 14a, D-35619 Braunfels (DE).

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

(72, 75) **GRAF, Johann, Werner** [DE/DE]; Dahlemweg 5, D-65201 Wiesbaden (DE).

(74) **NÖTH, Heinz**; Mozartstrasse 17, D-80336 München (DE).

(81) AU CA CN CZ HU JP KR MX NO PL SI SK TR US YU; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/51528** (13) A1

(21) PCT/EP98/02649

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

(25) de (26) de

(31) 197 19 216.5 (32) **9 May/mai 1997 (09.05.1997)** (33) DE

(31) 197 42 813.4 (32) **27 Sep/sep 1997 (27.09.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B60N 2/20, 2/42**

(54) ● CRASH LOCKING SYSTEM

● DISPOSITIF DE VERROUILLAGE EN CAS DE COLLISION

(71) **KOCHENDORFER & KIEP METALLVERARBEITUNG GMBH** [DE/DE]; Mainstrasse 6-8, D-65830 Kriftel (DE).

(72) **DIETZ, Horst**; Im Weisling 5, D-67727 Lohnsfeld (DE). **EHRHARDT, H., Jürgen**; Schillerstrasse 18, D-65795 Hattersheim (DE). **FAUPEL, Rolf**; Brunnenweg 1, D-65830 Kriftel (DE).

(74) **KEIL & SCHAAFHAUSEN**; Eysseneckstrasse 31, D-60322 Frankfurt am Main (DE).

(81) BR CA CN JP KR MX.

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(11) **WO 98/51529** (13) A1

(21) PCT/DE98/01357

(22) **12 May/mai 1998 (12.05.1998)**

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(31) 197 20 860.6 (32) **13 May/mai 1997 (13.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B60N 2/22, 2/44**

(54) ● BILATERALLY EFFECTIVE DRIVE MECHANISM

● ENTRAÎNEMENT A EFFET BILATERAL

(71) **BROSE FAHRZEUGTEILE GMBH & CO. KOMMANDITGESELLSCHAFT, COBURG** [DE/DE]; Ketschendorfer Strasse 38-50, D-96450 Coburg (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SCHUMANN, Peter** [DE/DE]; Banzer Strasse 2, D-96253 Untersiema (DE).

(74) **MAIKOWSKI & NINNEMANN**; Xantener Strasse 10, D-10707 Berlin (DE).

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

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(11) **WO 98/51530** (13) A1

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(31) 97/05906 (32) **14 May/mai 1997 (14.05.1997)** (33) FR

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B60N 2/48**

(54) ● DEVICE FOR LOCKING A HEADREST ADJUSTED HEIGHT, IN PARTICULAR FOR MOTOR VEHICLE SEATS

● DISPOSITIF DE BLOCAGE EN HAUTEUR D'UN APPUI-TÊTE, NOTAMMENT POUR SIEGE DE VEHICULE AUTOMOBILE

(71) **CENTRE D'ETUDES ET RECHERCHE POUR L'AUTOMOBILE (CERA)** [FR/FR]; 5, rue Emile Arques, F-51100 Reims (FR).

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

(72, 75) **LE GALL, François** [FR/FR]; 9, rue du Pont de la Cornette, F-02130 Coulonges Cohan (FR).

(74) **CABINET GEISMAR**; 90, avenue Mozart, F-75016 Paris (FR).

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

(11) **WO 98/51531** (13) A1

(21) PCT/NL98/00265

(22) **12 May/mai 1998 (12.05.1998)**

(25) nl (26) en

(31) 1006062 (32) **15 May/mai 1997 (15.05.1997)** (33) NL

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B60P 1/64**

(54) ● METHODS AND A COMBINATION OF A LORRY AND A TRANSPORT UNIT FOR TRANSPORTING GOODS

● PROCÉDES D'ATTELAGE D'UN CAMION ET D'UNE UNITE DE TRANSPORT POUR LE TRANSPORT DE MARCHANDISES

(71, 72) **LÜCKER, Theodor, Arnoldus, Johannes** [NL/NL]; Oude Schans 7, NL-5953 BA Reuver (NL).

(72, 75) **HOVENS, Petrus, Johannes, Petronella** [NL/NL]; Agrimonie 9, NL-5931 ST Tegelen (NL).

(74) **VAN KAN, J., J., H.**; Algemeen Octrooibureau, World Trade Center, Past. Petersstraat 160, NL-5612 LV Eindhoven (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 98/51532** (13) A1

(21) PCT/AU98/00360

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

(25) en (26) en

(31) PO 6812 (32) **15 May/mai 1997 (15.05.1997)** (33) AU

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B60P 3/00, 3/14, 3/42, A61G 3/00**

(54) ● VEHICLE INTERIOR CONVERSION

● TRANSFORMATION D'INTERIEUR DE VEHICULE

(71) **JAKAB INDUSTRIES PTY. LTD.** [AU/AU]; Cook Street, Tamworth, NSW 2340 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOTFIELD, Geoffrey, Alan** [AU/AU]; Cook Street, Tamworth, NSW 2340 (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 98/51533** (13) A1

(21) PCT/US98/09111

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

(25) en (26) en

(31) 08/859,835 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B60Q 1/00**

(54) ● SYSTEM AND METHOD FOR DETECTING VEHICLE SPEED SENSOR TAMPERING

● SYSTEME ET PROCEDE SERVANT A DETECTER LA FRAUDE SUR UN CAPTEUR DE VITESSE DE VEHICULE

(71) **DETROIT DIESEL CORPORATION** [US/US]; 13400 Outer Drive, West, Detroit, MI 48239-4001 (US).

(72) **WEISMAN, S., Miller, II**; 34861 Birkshire Court, Farmington Hills, MI 48331 (US). **AVERY, Richard**; 5836 Applewood #1205, West Bloomfield, MI 48322 (US).

(74) **BIR, David, S.** et al. / etc.; Brooks & Kushman, 1000 Town Center, 22nd floor, Southfield, MI 48075 (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 98/51534** (13) A1

(21) PCT/US98/09633

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(25) en (26) en

(31) 08/855,871 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B60Q 1/00**

(54) ● SYSTEM FOR PROCESSING OUTPUT SIGNALS ASSOCIATED WITH MULTIPLE VEHICLE CONDITION SENSORS

● SYSTEME PERMETTANT DE TRAITER DES SIGNAUX DE SORTIE ASSOCIES A PLUSIEURS CAPTEURS D'ETAT DE VEHICULE

(71) **CUMMINS ENGINE COMPANY, INC.** [US/US]; 500 Jackson Street, Columbus, IN 47201 (US).

(72) **UFKES, Philip, J.**; 2028 Shoal Creek Court, Summerville, SC 29483 (US). **ECKERT, Gary**; 405 E. Private Road 50 North, North Vernon, IN 47265 (US).

(74) **BAHRET, William, F.** et al. / etc.; Woodard, Emhardt, Naughton, Moriarty & McNett, Bank One Center/Tower, Suite 3700, 111 Monument Circle, Indianapolis, IN 46204 (US).

(81) DE GB JP.

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(22) **16 May/mai 1997 (16.05.1997)**

(25) en (26) en

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B60Q 1/26, B60K 41/22, B60R 21/20**

(54) ● SYSTEM AND METHOD FOR OPERATING VEHICLE LIGHTS IN RESPONSE TO HORN ACTUATION

● SYSTEME ET PROCEDE DE COMMANDE DES FEUX D'UN VEHICULE EN REPONSE A L'ACTIONNEMENT DE L'AVERTISSEUR SONORE

(71, 72) **POLLIN, Robert, E.** [US/US]; 622 Hungerford Drive, No. 20, Rockville, MD 20850 (US).

(74) **SMITH, Evan, R.**; Sixbey Friedman Leedom & Ferguson, Suite 600, 2010 Corporate Ridge, McLean, VA 22110 (US).

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

(11) **WO 98/51536** (13) A1

(21) PCT/FR98/00959

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

(25) fr (26) fr

(31) 97/05981 (32) **15 May/mai 1997 (15.05.1997)** (33) FR

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B60Q 3/04**

(54) ● IMPROVED MOTOR VEHICLE DASHBOARD

● TABLEAU DE BORD PERFECTIONNE POUR VEHICULES AUTOMOBILES

(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)

(71) **DORLEANS, Claudette** (heirress of the deceased inventor / héritière de l'inventeur décédé) [FR/FR]; 156, rue Auguste Blanqui, F-93140 Bondy (FR).
(only for / seulement pour US)

(72) **DORLEANS, Jacques** (deceased / décédé).

(74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 26, avenue Kléber, F-75116 Paris (FR).

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

(11) **WO 98/51537** (13) A1

(21) PCT/EP98/02641

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

(25) de (26) de

(31) 197 20 364.7 (32) **15 May/mai 1997 (15.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B60R 7/08**

(54) ● SPECTACLE CASE BUILT INTO A VEHICLE

● ETUI A LUNETTES SE FIXANT DANS UN VEHICULE

(71) **FISCHERWERKE ARTUR FISCHER GMBH & CO. KG** [DE/DE]; Weinhalde 14-18, D-72178 Waldachtal (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PLOCHER, Bernd** [DE/DE]; Im Wiesengrund 24, D-72108 Rottenburg (DE). **KARRER, Friedrich** [DE/DE]; Ziegenstrasse 5, D-72285 Pfalzgrafenweiler (DE). **FÜNK, Walter** [DE/DE]; Beneckerweg 5, D-72226 Simmersfeld (DE). **SCHMIDT, Michael** [DE/DE]; Marienstrasse 1a, D-71154 Nufringen (DE).

(81) BR CZ 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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(31) 197 20 285.3 (32) **15 May/mai 1997 (15.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B60R 16/00**

(54) ● METHOD FOR MANIPULATION-PROOF CONFIGURATION OF A MOTOR VEHICLE CONTROL DEVICE AND A CONTROL DEVICE

● PROCEDE POUR LA CONFIGURATION D'UN APPAREIL DE COMMANDE DE VEHICULE AUTOMOBILE AVEC PROTECTION CONTRE LES MANIPULATIONS, AINSI QU'APPAREIL DE COMMANDE

(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) **MILLER, Norbert** [DE/DE]; Schillerstrasse 19/1, D-74232 Abstatt (DE). **WALTER, Klaus** [DE/DE]; Ziegelbergstrasse 16, D-74321 Bietigheim (DE).

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

(11) **WO 98/51539** (13) A1

(21) PCT/US98/09637

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 08/856,437 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B60R 21/06**

(54) ● PASSENGER RESTRAINT SYSTEM

● SYSTEME DE RETENUE POUR PASSAGER

(71, 72) **NANDA, Ken, K., S.** [US/US]; 23115 Beck Road, Novi, MI 48374 (US).

(74) **HALAN, John, M.** 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 19 524.5 (32) **9 May/mai 1997 (09.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B60R 21/16**

(54) ● METHOD FOR FOLDING AN INFLATABLE BAG FOR AN AIRBAG SYSTEM

● PROCEDE DE PLIAGE D'UN SAC GONFLABLE D'UN SYSTEME D'AIRBAG

(71) **AUTOLIV DEVELOPMENT AB** [SE/SE]; Walentinsvägen 22, S-447 83 Vargarda (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WALLENTIN, Rainer** [DE/DE]; Karl-Böhm-Strasse 3, D-85598 Baldham (DE). **WEBERPALS, Thomas** [DE/DE]; Klingerstrasse 14, D-81363 München (DE).

(74) **MÜLLER, Karl-Ernst** et al. / etc.; Turmstrasse 22, D-40878 Ratingen (DE).

(81) BR CN ES JP US.

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(11) **WO 98/51541** (13) A2

(21) PCT/EP98/02839

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

(25) de (26) de

(31) 297 08 494.1 (32) **13 May/mai 1997 (13.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B60R 21/16, 21/04**

(54) ● PROTECTION SYSTEM AGAINST LATERAL COLLISIONS FOR VEHICLE OCCUPANTS

● SYSTEME DE PROTECTION CONTRE LES CHOCS LATERAUX POUR LES OCCUPANTS D'UN VEHICULE

(71) **TRW OCCUPANT RESTRAINT SYSTEMS GMBH & CO. KG** [DE/DE]; Industriestrasse 20, D-73551 Alfdorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EYRAINER, Heinz** [DE/DE]; Breslauer Strasse 21, D-73550 Waldstetten (DE).

(74) **DEGWERT, Hartmut**; Prinz & Partner, Manzingergeweg 7, D-81241 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 98/51542** (13) A1

(21) PCT/US98/09659

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

(25) en (26) en

(31) 197 19 218.1 (32) **11 May/mai 1997 (11.05.1997)** (33) DE

(31) 198 13 630.7 (32) **26 Mar/mar 1998 (26.03.1998)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B60R 21/18, D03D 1/02, 3/02**

(54) ● SEATBELT SYSTEM HAVING SEAMLESS INFLATABLE MEMBER

● SYSTEME DE CEINTURE DE SECURITE A ELEMENT GONFLABLE SANS COUTURE

(71) **THE B.F. GOODRICH COMPANY** [US/US]; 4020 Kinross Lakes Parkway, Richfield, OH 44286-9368 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BÜSGEN, Alexander** [DE/DE]; Friedrich-Engels-Allee 161, D-42285 Wuppertal (DE). **CROSS, S., Jay** [US/US]; 14242 North 69th Place, Scottsdale, AZ 85254 (US). **MORRIS, Edward, Lee, Jr.** [US/US]; P.O. Box 31114, Phoenix, AZ 85046-1114 (US). **ROEMKE, Lowell, William** [US/US]; 9103 South Kachina Drive, Tempe, AZ 85284 (US). **WALTHALL, William, Lewis** [US/US]; 12108 East Paradise Drive, Scottsdale, AZ 85259 (US).

(74) **RONYAK, David, M.** et al. / etc.; The B.F. Goodrich Company, 9921 Brecksville Road, Brecksville, OH 44141-3289 (US).

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

(11) **WO 98/51543** (13) A1

(21) PCT/EP98/02779

(22) **12 May/mai 1998 (12.05.1998)**

(25) de (26) de

(31) 297 08 446.1 (32) **12 May/mai 1997 (12.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B60R 21/20**

(54) ● COVERING FOR A GAS BAG RESTRAINT SYSTEM
● RECOUVREMENT POUR SYSTEME DE RETENUE A SAC A GAZ

(71) **TRW OCCUPANT RESTRAINT SYSTEMS GMBH & CO. KG** [DE/DE]; Industriestrasse 20, D-73551 Alfdorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAUSCH, Armin** [DE/DE]; Knöcklestrasse 11, D-73453 Abtsgmünd (DE).

(74) **KITZHOFFER, Thomas**; Prinz & Partner, Manzingergeweg 7, D-81241 München (DE).

(81) AU BR CA CN CZ HU JP KR MX PL RU SI SK TR US 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 98/51544** (13) A1

(21) PCT/JP98/01448

(22) **30 Mar/mar 1998 (30.03.1998)**

(25) ja (26) ja

(31) 9/141187 (32) **16 May/mai 1997 (16.05.1997)** (33) JP

(31) 9/287608 (32) **6 Oct/oct 1997 (06.10.1997)** (33) JP

(31) 9/303303 (32) **20 Oct/oct 1997 (20.10.1997)** (33) JP

(31) 9/337809 (32) **21 Nov/nov 1997 (21.11.1997)** (33) JP

(31) 9/361698 (32) **11 Dec/déc 1997 (11.12.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

- (51)⁶ **B60R 21/32**
- (54) ● ACTUATION CONTROLLER FOR AIR BAG DEVICE
● CONTROLEUR D'ACTIONNEMENT POUR SYSTEME D'AIRBAG
- (71) **AUTOLIVE JAPAN LTD.** [JP/JP]; 2-15-13, Shinyokohama, Kouhoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MORIYAMA, Hiroshi** [JP/JP]; Autolive Japan Ltd. in Tsukuba, 1764-1, Mukaihara, Kamiinayoshi, Chiyoda-machi, Niihari-gun, Ibaraki 315-0056 (JP). **ONO, Mitsuru** [JP/JP]; Autolive Japan Ltd. in Tsukuba, 1764-1, Mukaihara, Kamiinayoshi, Chiyoda-machi, Niihari-gun, Ibaraki 315-0056 (JP). **SADA, Hiroyuki** [JP/JP]; Autolive Japan Ltd. in Tsukuba, 1764-1, Mukaihara, Kamiinayoshi, Chiyoda-machi, Niihari-gun, Ibaraki 315-0056 (JP).
- (74) **KUSANO, Kouichi**; Diichi-Okana Building, 4th floor, 7-9, Toranomom 2-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/51545** (13) A1
(21) PCT/US98/09643
(22) **12 May/mai 1998 (12.05.1998)**
(25) en (26) en
(31) 60/046,227 (32) **12 May/mai 1997 (12.05.1997)** (33) US
(31) Not furnished / (32) **11 May/mai 1998 (11.05.1998)** (33) US
non communiqué
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B60R 21/32, 22/48, G01L 1/04**
- (54) ● SEAT BELT TENSION MEASUREMENT DEVICE USING A BEND SENSOR
● DISPOSITIF DE MESURE DE LA TENSION D'UNE CEINTURE DE SECURITE COMPRENANT UN DETECTEUR DE COURBURE
- (71) **AUTOMOTIVE SYSTEMS LABORATORY, INC.** [US/US]; Suite B-12, 27200 Haggerty Road, Farmington Hills, MI 48331 (US).
- (72) **STANLEY, James, G.**; 21945 Daleview, Novi, MI 48374 (US). **TRAN, Vinh, H.**; Apartment 92, 24346 Washington Court, Farmington Hills, MI 48335 (US).
- (74) **LYON, Lyman, R.**; Lyon, P.C., Suite 207, 3883 Telegraph Road, Bloomfield Hills, MI 48302-1476 (US).
- (81) CA JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/51546** (13) A1
(21) PCT/US98/09696
(22) **12 May/mai 1998 (12.05.1998)**
(25) en (26) en
(31) 60/046,233 (32) **12 May/mai 1997 (12.05.1997)** (33) US
(31) 09/075,584 (32) **11 May/mai 1998 (11.05.1998)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B60R 21/32**
- (54) ● SEAT BELT TENSION PREDICTION SYSTEM USING AN ACCELEROMETER MOUNTED TO THE SEAT FRAME AND A WEIGHT SENSOR
● SYSTEME DE PREDICTION DE LA TENSION D'UNE CEINTURE DE SECURITE COMPRENANT UN ACCELEROMETRE MONTE SUR LE CADRE DU SIEGE ET UN DETECTEUR DE MASSE
- (71) **AUTOMOTIVE SYSTEMS LABORATORY, INC.** [US/US]; Suite B-12, 27200 Haggerty Road, Farmington Hills, MI 48331 (US).
- (72) **STANLEY, James, Gregory**; 21945 Daleview Drive, Novi, MI 48374 (US).
- (74) **LYON, Lyman, R.**; Lyon, P.C., Suite 207, 3883 Telegraph Road, Bloomfield Hills, MI 48302-1476 (US).
- (81) CA JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/51547** (13) A1
(21) PCT/US98/09845
(22) **12 May/mai 1998 (12.05.1998)**
(25) en (26) en
(31) 60/046,168 (32) **12 May/mai 1997 (12.05.1997)** (33) US
(31) 09/075,582 (32) **11 May/mai 1998 (11.05.1998)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B60R 21/32**
- (54) ● AIR BAG SUPPRESSION SYSTEM AND METHOD
● SYSTEME DE COMMANDE DE COUSSINS GONFLABLES DE SECURITE
- (71) **AUTOMOTIVE SYSTEMS LABORATORY, INC.** [US/US]; Suite B-12, 27200 Haggerty Road, Farmington Hills, MI 48331 (US).
- (72) **STANLEY, James, Gregory**; 21945 Daleview, Novi, MI 48374 (US).
- (74) **LYON, Lyman, R.**; Lyon, P.C., Suite 207, 3883 Telegraph Road, Bloomfield Hills, MI 48302-1476 (US).
- (81) CA JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/51548** (13) A1
(21) PCT/US97/17493
(22) **19 Sep/sep 1997 (19.09.1997)**
(25) en (26) en
(31) Not furnished / (32) **16 May/mai 1997 (16.05.1997)** (33) US
non communiqué
(43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B60R 25/04**
- (54) ● REMOTE START, PASSIVE ANTI THEFT SECURITY SYSTEM
● SYSTEME DE SECURITE ANTIVOL PASSIF A LANCEMENT A DISTANCE
- (71) **DIRECTED ELECTRONICS, INC.** [US/US]; 2560 Progress Street, Vista, CA 92083 (US).
- (72) **BIRCHFIELD, Jerry**; 2560 Progress Street, Vista, CA 92083 (US). **MANIVONE, Bounthavy**; 2560 Progress Street, Vista, CA 92083 (US).
- (74) **TALPALATSKY, Sam**; 2560 Progress Street, Vista, CA 92083 (US).
- (81) AM AT AU BB BG BR BY CA CH CN CZ DE DK ES FI GB GE HU JP KE KG KP KR KZ LK LT LU LV MD MG MN MW NO NZ PL PT RO RU SD SE SI SK TJ TT UA UZ VN; AP (GH KE LS MW SD SZ UG ZW); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/51549** (13) A1
(21) PCT/US98/09841
(22) **13 May/mai 1998 (13.05.1998)**
(25) en (26) en
(31) 08/856,138 (32) **14 May/mai 1997 (14.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B60S 1/08**
- (54) ● MULTI-FUNCTION LIGHT SENSOR FOR VEHICLE
● CAPTEUR DE LUMIERE A FONCTIONS MULTIPLES POUR VEHICULE
- (71, 72) **HEGYI, Dennis, J.** [US/US]; 1708 Morton Avenue, Ann Arbor, MI 48104 (US).
- (74) **ROHM, Benita, J.** et al. / etc.; Rohm & Monsanto, PLC, Suite 1525, 660 Woodward Avenue, Detroit, MI 48226 (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 98/51550** (13) A1
(21) PCT/DE98/00251
(22) **28 Jan/jan 1998 (28.01.1998)**
(25) de (26) de
(31) 197 20 095.8 (32) **14 May/mai 1997 (14.05.1997)** (33) DE
(43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B60S 1/38**
- (54) ● WIPER BLADE
● BALAI D'ESSUIE-GLACE DE VEHICULE
- (71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KOTLARSKI, Thomas** [DE/DE]; Hauptstrasse 58a, D-77830 Bühlertal (DE).
- (81) BR CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/51551** (13) A1
(21) PCT/DE98/00859
(22) **24 Mar/mar 1998 (24.03.1998)**
(25) de (26) de
(31) 297 08 293.0 (32) **9 May/mai 1997 (09.05.1997)** (33) DE
(43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B60S 1/38, 1/40**
- (54) ● WIPER BLADE
● BALAI D'ESSUIE-GLACE

- (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) **KOTLARSKI, Thomas** [DE/DE]; Hauptstrasse 58a, D-77830 Bühlertal (DE).
- (81) BR CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/51552** (13) A2

(21) PCT/UA98/00007

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) ru (26) ru

(31) 97052239 (32) **15 May/mai 1997 (15.05.1997)** (33) UA

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B60T**

- (54) ● ENERGY-RECOVERING DIRECT-CURRENT ELECTRIC ACTUATOR
- DISPOSITIF D'ACTIONNEMENT ELECTRIQUE A COURANT CONTINU ET A RECUPERATION D'ENERGIE

(71, 72) **KUZMINOV, Vitaly Ivanovich** [UA/UA]; pr. Kosmonavtov, 42-91, Vinnitsa, 286027 (UA). **BU-GAICHUK, Vladimir Ivanovich** [UA/UA]; ul. Kvyatka, 4-11, Vinnitsa, 286029 (UA).

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

(11) **WO 98/51553** (13) A1

(21) PCT/JP98/00795

(22) **26 Feb/fév 1998 (26.02.1998)**

(25) ja (26) ja

(31) 9/119883 (32) **9 May/mai 1997 (09.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B60T 7/12, 8/00, 13/66**

- (54) ● BRAKING FORCE CONTROLLER
- REGULATEUR DE FORCE DE FREINAGE

(71) **TOYOTA JIDOSHA KABUSHIKI KAISHA** [JP/JP]; 1, Toyotacho, Toyota-shi, Aichi-ken 471-8571 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YOSHIDA, Hiroaki** [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyotacho, Toyota-shi, Aichi-ken 471-8571 (JP).

(74) **ITOH, Tadahiko**; 32nd floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).

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

(11) **WO 98/51554** (13) A1

(21) PCT/US98/08578

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 854,959 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B61F 5/38**

- (54) ● LINEAR STEERING TRUCK
- BOGGIE LINEAIREMENT ORIENTABLE

(71) **TRANSPORTATION INVESTOR SERVICES CORP.** [US/US]; 1601 N. Halifax Avenue, Daytona Beach, FL 32118 (US).

(72) **WIKE, Paul, S.**; 114 Greenfield Pl., Los Gatos, CA 95030 (US).

(74) **PACOCCHA, John, S.** et al. / etc.; Law Offices of Dick and Harris, Suite 3800, 181 West Madison Street, Chicago, IL 60602 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51555** (13) A1

(21) PCT/EP98/02523

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) de (26) de

(31) 197 20 329.9 (32) **15 May/mai 1997 (15.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B61F 19/04**

- (54) ● RAIL VEHICLE WITH AN IMPACT ABSORBING DEVICE
- VEHICULE SUR RAILS

(71) **ABB DAIMLER-BENZ TRANSPORTATION (TECHNOLOGY) GMBH** [DE/DE]; Saatwinkler Damm 43, D-13627 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WERNER, Friedrich** [AT/DE]; Am Weisersbühl 16, D-88239 Wangen (DE). **HUBER, Max** [DE/DE]; Gartenstrasse 4, D-86663 Bäumenheim (DE).

(74) **BREITER, Achim**; Daimler-Benz AG, Intellectual Property Management, Sedanstrasse 10/Geb. 17, D-89077 Ulm (DE).

(81) AU CA CZ IL 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 98/51556** (13) A1

(21) PCT/US98/09828

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

(25) en (26) en

(31) 08/856,754 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B61L 3/00**

- (54) ● AUTOMATIC TRAIN CONTROL SYSTEM AND METHOD

- PROCEDE ET SYSTEME DE COMMANDE AUTOMATIQUE DE TRAINS

(71) **HARRIS CORPORATION** [US/US]; 1025 West Nasa Boulevard, Melbourne, FL 32919 (US).

(72) **POLIVKA, Alan, L.**; 1131 Mina Avenue N.E., Palm Bay, FL 32907 (US). **MATHESON, William, L.**; 1586 Anglers Drive N.E., Palm Bay, FL 32905 (US).

(74) **ROGERS, L., Lawton** et al. / etc.; Rogers & Killeen, Suite 400, 510 King Street, Alexandria, VA 22314 (US).

(81) AU BR CA.

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(11) **WO 98/51557** (13) A1

(21) PCT/AU98/00343

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

(25) en (26) en

(31) PO 6723 (32) **9 May/mai 1997 (09.05.1997)** (33) AU

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B62B 5/04, A61G 5/10, A61H 3/04, B60T 1/04**

- (54) ● A BRAKING SYSTEM FOR WHEELCHAIRS, WHEELED WALKING FRAMES AND THE LIKE
- SYSTEME DE FREINAGE POUR FAUTEUILS ROULANTS, DEAMBULATEURS A ROUES ET SIMILAIRES

(71, 72) **BAGNALL, John, William** [AU/AU]; 83 Aurbreen Street, Collaroy Plateau, NSW 2097 (AU).

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

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE 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 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 98/51558** (13) A1

(21) PCT/RU97/00147

(22) **13 May/mai 1997 (13.05.1997)**

(25) ru (26) ru

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B62D 5/07**

- (54) ● HYDRAULIC STEERING MECHANISM FOR VEHICLES
- MECANISME DE DIRECTION HYDRAULIQUE POUR VEHICULES

(71, 72) **OBIDIN, Valery Yakovlevich** [RU/RU]; Novo-Ryazansky prospekt, 2/7-75, Moscow, 107078 (RU).

(74) **IONOV, Vladimir Ivanovich**; ul. Marii Uliyanovoi, 14-127, Moscow, 117331 (RU).

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

- (11) **WO 98/51559** (13) A1
(21) PCT/ES98/00133
(22) **9 May/mai 1998 (09.05.1998)**
(25) es (26) es
(31) U 9701269 (32) **9 May/mai 1997 (09.05.1997)** (33) ES
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **B62D 53/08**
(54) ● SELF-LUBRICATING PLATE FOR THE FIFTH WHEEL OF INDUSTRIAL VEHICLES
● PLAQUE AUTOLUBRIFIANTE POUR LA CINQUIEME ROUE DE VEHICULES INDUSTRIELS
(71, 72) **VEGA DIEZ, Miguel Angel** [ES/ES]; Cabo de Peñas, 31, E-24400 Ponferrada (ES).
(74) **DEL CAMPO CASTEL, Domingo**; Calle Puerto Rico, 8 B-1^B, E-28016 Madrid (ES).
(81) HU 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 98/51560** (13) A1
(21) PCT/ES98/00136
(22) **13 May/mai 1998 (13.05.1998)**
(25) es (26) es
(31) U 9701322 (32) **13 May/mai 1997 (13.05.1997)** (33) ES
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **B62K 21/26**
(54) ● COMPLEMENTARY HANDGRIP FOR BICYCLE HANDLEBAR
● POIGNEE COMPLEMENTAIRE POUR GUIDON DE BICYCLETTE
(71, 72) **FRUCTUOSO SAURA, Francisco** [ES/ES]; Calle Cánovas del Castillo, 7, 4^o A, E-30003 Murcia (ES).
(81) AT AU CH CN DE DK GB JP LU PL PT RO 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 98/51561** (13) A1
(21) PCT/KR98/00120
(22) **14 May/mai 1998 (14.05.1998)**
(25) en (26) en
(31) 1997/10742 U (32) **15 May/mai 1997 (15.05.1997)** (33) KR
(31) 1998/10004 (32) **23 Mar/mar 1998 (23.03.1998)** (33) KR
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **B62M 11/16, 11/00, F16H 3/14**
(54) ● REVERSIBLE DRIVE DEVICE FOR BICYCLES
● DISPOSITIF D'ENTRAINEMENT REVERSIBLE POUR BICYCLETTES
(71, 72) **JUNG, Jae, Yeon** [KR/KR]; 683-43, Hannam 2-dong, Yongsan-ku, Seoul 140-212 (KR).
(72, 75) **PARK, Chun, Kil** [KR/KR]; 129-8, Itaewon-dong, Yongsan-ku, Seoul 140-200 (KR).
(74) **KIM, Won, Shik**; Yuyang Building, Suite 101, 823-11, Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).
-
- (81) AU BG BR CA CN CZ EE GE HU ID IL JP KP LT LV MX NZ PL RO SG TR 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 98/51562** (13) A1
(21) PCT/NO98/00132
(22) **28 Apr/avr 1998 (28.04.1998)**
(25) no (26) en
(31) 972179 (32) **13 May/mai 1997 (13.05.1997)** (33) NO
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **B63B 11/02**
(54) ● DEVICE FOR ARRANGING PARTITION WALLS OF CARGO SHIPS HOLDS
● DISPOSITIF POUR AMENAGER DES CLOISONS DE SEPARATION DANS UNE CALE A MARHANDISES D'UN NAVIRE
(71) **NYFOTEK AS** [NO/NO]; R. Birkelandsv. 1a, N-7034 Trondheim (NO).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **FAGERHOLT, Kjetil** [NO/NO]; Paul Fjermstadsvei 21, N-7017 Trondheim (NO).
BJÖRSHOL, Per, Kristian [NO/NO]; N-6560 Langøyneset (NO).
(74) **CURO AS**; P.O. Box 38, N-7094 Lundamo (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); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/51563** (13) A1
(21) PCT/SE97/00800
(22) **15 May/mai 1997 (15.05.1997)**
(25) sv (26) en
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **B63B 25/08**
(54) ● BULK CARRIER
● VRAQUIER
(71, 72) **BRUCE, Eric** [SE/SE]; Ottebol Näset 3, S-671 91 Arvika (SE).
(74) **LUNDQUIST, Lars-Olof**; L-O Lundquist Patentbyrå AB, P.O. Box 80, S-651 03 Karlstad (SE).
(81) CN JP KR NO RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/51564** (13) A1
(21) PCT/US98/09646
(22) **12 May/mai 1998 (12.05.1998)**
(25) en (26) en
(31) 08/854.632 (32) **12 May/mai 1997 (12.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
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- (51)⁶ **B63B 27/10**
(54) ● SHIPLOADER SYSTEM
● SYSTEME DE CHARGEUR DE NAVIRE A FONCTIONNEMENT CONTINU
(71, 72) **HORAK, Ralph, M.** [US/US]; 23 Spinnaker Lane, Mariner's Cove, Lake View, New Orleans, LA 70124 (US).
(74) **PIZARRO, Ramon, L.**; Suite 200, 3515 South Tamarac Drive, Denver, CO 80237 (US).
(81) AU BR CA CN ID 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 98/51565** (13) A1
(21) PCT/SE97/00786
(22) **13 May/mai 1997 (13.05.1997)**
(25) sv (26) en
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **B63B 35/38**
(54) ● STRUCTURAL ELEMENT
● ELEMENT STRUCTURAL
(71, 72) **ELIASSON, Birger** [SE/SE]; Sällsjö 1157, S-830 04 Mörsil (SE). **BRUNO, Sture** [SE/SE]; Stöttingvägen 15, S-831 73 Östersund (SE).
(74) **HELLBOM, Lars** et al. / etc.; H. Albihs Patentbyrå AB, P.O. Box 3137, S-103 62 Stockholm (SE).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ 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 98/51566** (13) A1
(21) PCT/US98/09685
(22) **12 May/mai 1998 (12.05.1998)**
(25) en (26) en
(31) 08/854.307 (32) **12 May/mai 1997 (12.05.1997)** (33) US
(31) 08/987.366 (32) **9 Dec/déc 1997 (09.12.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **B63B 35/73**
(54) ● TOWABLE FLOTATION DEVICES
● ENGIN FLOTTANT REMORQUABLE
(71, 72) **MARTIN, Don, J.** [US/US]; P.O. Box 2463, Bellingham, WA 98227 (US).
(74) **SCHACHT, Michael, R.**; Hughes, Multer & Schacht, P.S., 1720 Iowa Street, Bellingham, WA 98226 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/51567** (13) A2

(21) PCT/US98/09607

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

(25) en (26) en

(31) 08/857,142 (32) **15 May/mai 1997 (15.05.1997)** (33) US(31) 09/076,350 (32) **12 May/mai 1998 (12.05.1998)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B63C**

- (54) ● CONVERTIBLE PROTECTIVE COVER FOR A MASK
● ETUI PROTECTEUR CONVERTIBLE POUR MASQUE

(71, 72) **SEILER, Douglas, A.** [US/US]; 127 Iolanthus Avenue, Novato, CA 94945 (US).(74) **LINDENBAUM, Keith, D.** et al. / etc.; Foley & Lardner, 777 East Wisconsin Avenue, Milwaukee, WI 53212 (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 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 98/51568** (13) A1

(21) PCT/US98/10074

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

(25) en (26) en

(31) 60/046,930 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B64G 1/10, 1/24, B64B 1/06, H04B 1/185**

- (54) ● AERIAL COMMUNICATIONS NETWORK
● RESEAU DE COMMUNICATIONS AERIENNES

(71) **SPHERECORE, INC.** [US/US]; 310 West 106th Street, New York, NY 10025 (US).(72) **CAMPBELL, J., Scott;** 310 106th Street, New York, NY 10025 (US).(74) **DRIVAS, Dimitrios** et al. / etc.; White & Case LLP, Patent Dept., 1155 Avenue of the Americas, New York, NY 10036 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51569** (13) A1

(21) PCT/CH98/00137

(22) **9 Apr/avr 1998 (09.04.1998)**

(25) de (26) de

(31) 1119/97 (32) **13 May/mai 1997 (13.05.1997)** (33) CH

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B65B 13/32**

- (54) ● HOOP-CASING DEVICE
● ENRUBANNEUSE

(71) **FROMM HOLDING AG** [CH/CH]; CH-6312 Steinhausen (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAUCH, Manfred** [DE/DE]; Eichwaldstrasse 17, D-77880 Sasbach (DE).(74) **SCHMAUDER & PARTNER AG**; Patentanwaltsbüro, Inhaber Klaus Schmauder, Zwängiweg 7, CH-8038 Zürich (CH).

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

(11) **WO 98/51570** (13) A1

(21) PCT/DE98/01310

(22) **12 May/mai 1998 (12.05.1998)**

(25) de (26) de

(31) 297 08 542.5 (32) **14 May/mai 1997 (14.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B65B 25/14, 27/08**

- (54) ● METHOD AND DEVICE IN PARTICULAR FOR PACKAGING FLAT OBJECTS
● PROCEDE ET DISPOSITIF DESTINES EN PARTICULIER A L'EMBALLAGE D'OBJETS PLATS

(71) **WINKLER + DÜNNEBIER AG** [DE/DE]; Sohler Weg 65, D-56562 Neuwied (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SALM, Thomas** [DE/DE]; Steppenbergallee 135, D-52074 Aachen (DE). **DRIESSEN, Hans-Josef** [DE/DE]; Kaiserstrasse 69, D-52249 Eschweiler (DE).(74) **SCHIEFERDECKER, Lutz;** Herrnstrasse 37, D-63065 Offenbach (DE).

(81) JP NO 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 98/51571** (13) A1

(21) PCT/US98/09670

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 857,277 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B65B 43/12, 43/30**

- (54) ● METHOD AND APPARATUS FOR OPENING TAPED BAGS
● PROCEDE ET SYSTEME POUR OUVRIR DES SACS SUR BANDES

(71) **CRYOVAC, INC.** [US/US]; 100 Rogers Bridge Road, P.O. Box 464, Duncan, SC 29334 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KILLINGER, Glenn, W.** [US/US]; 204 Coachman Drive, Simpsonville, SC 29681 (US). **MCDONALD, Gregory, E.** [US/US]; 141 HunterRoad, Simpsonville, SC 29681 (US). **ZENDE, Charles, C.** [US/US]; 505 E. Silverleaf Street, Greer, SC 29650 (US).(74) **QUATT, Mark, B.** et al. / etc.; 100 Rogers Bridge Road, P.O. Box 464, Duncan, SC 29334 (US).

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

(11) **WO 98/51572** (13) A1

(21) PCT/SE98/00895

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

(25) en (26) en

(31) 9701835-2 (32) **16 May/mai 1997 (16.05.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B65B 61/20, 19/34**

- (54) ● AN APPARATUS FOR APPLYING DRINKING STRAWS
● APPAREIL PERMETTANT D'APPLIQUER DES PAILLES

(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) **BERGSTRÖM, Jan-Åke** [SE/SE]; Lupinvägen 12 G, S-240 21 Löddeköpinge (SE). **QUIST, Jens** [SE/SE]; Kristianstadsgatan 10, S-214 23 Malmö (SE). **STRANDBERG, Jan** [SE/SE]; Kostergatan 3, S-234 42 Lomma (SE). **ÖHLUND, Johan** [SE/SE]; Katrinebergsbacken 32, 4 tr, S-117 61 Stockholm (SE).

(74) **BRUNNSTRÖM, Gunilla;** AB Tetra Pak, Patent Dept., Ruben Rausings 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 98/51573** (13) A1

(21) PCT/EP98/02760

(22) **12 May/mai 1998 (12.05.1998)**

(25) de (26) de

(31) 197 19 420.6 (32) **12 May/mai 1997 (12.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B65C 9/14**

- (54) ● DEVICE FOR APPLYING LABELS
● DISPOSITIF POUR L'APPLICATION D'ETIQUETTES

(71) **KRONES AG** [DE/DE]; Böhmerwaldstrasse 5, Postfach 1230, D-93068 Neutraubling (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EIBAN, Günther** [DE/DE]; Enzianweg 17, D-93053 Regensburg (DE).

(74) **KRONES AG**; Böhmerwaldstrasse 5, Postfach 1230, D-93068 Neutraubling (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 98/51574** (13) A1

(21) PCT/IL98/00200

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

(25) en (26) en

(31) 120839 (32) **15 May/mai 1997 (15.05.1997)** (33) IL

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B65D 1/04, 39/12, C12H 1/22**

(54) ● **SEDIMENT COLLECTION**

● **SYSTEME DE RECUPERATION DE SEDIMENTS**

(71) **GOTIT LTD.** [IL/IL]; Techernikovskiy Street 90, 76503 Rehovot (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAHAV, Shimon** [IL/IL]; Tchernikovskiy Street 90, 76503 Rehovot (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 DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/51575** (13) A1

(21) PCT/US98/09434

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 08/856,350 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B65D 5/74**

(54) ● **CUT-OUT INTEGRATED CLOSURE AND FORMING METHOD THEREFOR**

● **DISPOSITIF DE FERMETURE INTEGRE DECOUPE ET PROCEDE DE FORMAGE CORRESPONDANT**

(63) US 08/856,350 (CIP)
14 May/mai 1997 (14.05.1997)

(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) **BOURAOUL, Hichem** [US/US]; 254 Rosalie Lane, Palatine, IL 60074 (US). **MOGARD, Jens** [SE/US]; 469 Armstrong Drive, Buffalo Grove, IL 60089 (US). **RENDINA, Antonio** [IT/IT]; Via Meucci, 2, I-41012 Carpi (IT).

(74) **CATANIA, Michael, A.**; Tetra Pak, U.S. Intellectual Property Dept., 909 Asbury Drive, Buffalo Grove, IL 60089 (US).

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

(11) **WO 98/51576** (13) A1

(21) PCT/US98/09286

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

(25) en (26) en

(31) 08/856,373 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B65D 7/42**

(54) ● **RING REINFORCEMENT FOR CONVENTIONAL DRUM**

● **RENFORCEMENT ANNULAIRE POUR TONNEAU CLASSIQUE**

(71) **GREIF BROS. CORPORATION** [US/US]; 2400 Cooper Avenue, Merced, CA 95348 (US).

(72) **MAYS, Harry**; 2779 Sunflower Court, Merced, CA 95340 (US). **PATTON, George**; 856 Purdue Court, Merced, CA 95348 (US). **MORRISON, Michael**; 5204 E. Ashley Lane, Stockton, CA 95212 (US).

(74) **HYNES, William, Michael** 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 98/51577** (13) A1

(21) PCT/US98/04985

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 08/857,528 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B65D 19/38**

(54) ● **PALLET FOR STORING WHEELED ITEMS**

● **PALETTE DE TRANSPORT D'OBJETS A ROUES**

(71) **BURNHAM SERVICE COMPANY, INC.** [US/US]; 1630 Phoenix Boulevard, Atlanta, GA 30349 (US).

(72) **HEIL, Julius, F.**; 28 Braves Crossing Drive, Sharpsburg, GA 30277 (US).

(74) **PAPPAS, Peter, G.** et al. / etc.; Jones & Askew, LLP, 37th floor, 191 Peachtree Street, N.E., Atlanta, GA 30303 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/51578** (13) A1

(21) PCT/US98/09611

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

(25) en (26) en

(31) 97/4121 (32) **13 May/mai 1997 (13.05.1997)** (33) ZA

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B65D 33/16**

(54) ● **FRUIT TIE BAG**

● **SAC A NOUER POUR FRUIT**

(71) **HANDELMAN, Joseph, H.** [US/US]; 26 West 61st Street, New York, NY 10023 (US).
(only for / seulement pour SD)

(71, 72) **OOSTHUYSE, Steven, Andrew** [ZA/ZA]; Plot 33, Hamawasha, District Tzaneen, 0850, Northern Province (ZA).
(for all designated States except / pour tous les États désignés sauf SD)

(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).

(11) **WO 98/51579** (13) A1

(21) PCT/US98/07639

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

(25) en (26) en

(31) 08/855,524 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B65D 35/22**

(54) ● **PLURAL CHAMBERED SQUEEZABLE DISPENSING TUBE**

● **TUBE DISTRIBUTEUR PRESSABLE A PLUSIEURS COMPARTIMENTS**

(71) **ENAMELON, INC.** [US/US]; Suite 105, 758 Route 18 North, East Brunswick, NJ 08816 (US).

(72) **WINSTON, Anthony, E.**; 42 Tall Oaks Drive, East Brunswick, NJ 08816 (US). **USEN, Norman**; 12 Kennedy Drive, Marlboro, NJ 07746 (US). **LANCASTER, Linda, J.**; 6 Harold Street, Old Bridge, NJ 08857 (US).

(74) **DEPAOLI, George, A.**; Suite 1103, 2231 Crystal Drive, Arlington, VA 22202 (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 98/51580** (13) A1

(21) PCT/US98/08572

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/856,065 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B65D 35/22**

(54) ● CONTAINER HAVING LOW FRICTION INTERNAL SIDEWALLS

● RECEPTACLE COMPORTANT DES PAROIS LATÉRALES INTERNES A FAIBLE FRICTION

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

(72) **MASTERS, James, G.**; 9 Londonderry Drive, Flemington, NJ 08822 (US). **CANADY, Van, L.**; 1085 Cherry Hill Road, Princeton, NJ 08540 (US). **SULLIVAN, Richard, J.**; 1015 Blueberry Court, Edison, NJ 08817 (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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/51581** (13) A1

(21) PCT/FR98/00893

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

(25) fr (26) fr

(31) 97/06009 (32) **12 May/mai 1997 (12.05.1997)** (33) FR

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B65D 41/04**

(54) ● SEALING METAL CAP WITH PLASTIC INSERT

● CAPSULE MÉTALLIQUE DE BOUCHAGE A INSERT PLASTIQUE

(71) **PECHINEY EMBALLAGE ALIMENTAIRE** [FR/FR]; 16, boulevard Général Leclerc, F-92115 Clichy (FR).

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

(72, 75) **GRANGER, Jacques** [FR/FR]; 13, cours de Tourny, F-33500 Libourne (FR). **PEYRIN, Yves** [FR/FR]; Impasse de la Gaité, Saint Rémy, F-71100 Chalons-sur-Saône (FR).

(74) **PIGASSE, Daniel**; Pechiney, 28, rue de Bonnel, 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/51582** (13) A1

(21) PCT/US98/10118

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

(25) en (26) en

(31) 08/856,838 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B65D 47/06**

(54) ● BEVERAGE CONTAINER WITH SELF-CONTAINED DRINKING STRAW

● RECIPIENT A BOISSON A PAILLE AUTONOME

(71) **THE POPSTRAW COMPANY, LLC** [US/US]; Suite 100, 18285 East Ten Mile Road, Roseville, MI 48066-3651 (US).

(72) **MURPHY, Peter, F.**; 543 St. Clair, Grosse Pointe, MI 48236 (US). **BREWER, Doug**; 3757 N. Bosworth, Chicago, IL 60613 (US). **BROWN, Dave**; 7706 W. Berwyn, Chicago, IL 60656 (US). **TAYLOR, Jon**; 1442 W. Cullom Avenue, Chicago, IL 60613 (US). **DOCZY, Paul**; 3604 N. Pine Grove #4H, Chicago, IL 60613 (US).

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

(11) **WO 98/51583** (13) A1

(21) PCT/GB97/02399

(22) **8 Sep/sep 1997 (08.09.1997)**

(25) en (26) en

(31) 9709706.7 (32) **14 May/mai 1997 (14.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B65D 63/16, A44B 11/02**

(54) ● CLAMPING MEMBER FOR ELONGATE FLEXIBLE MEMBERS

● ELEMENT DE SERRAGE POUR ELEMENTS FLEXIBLES ALLONGES

(71) **TOPPS (UK) LIMITED** [GB/GB]; Brigg Road, Scunthorpe, North Lincolnshire DN16 1AU (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOLLINGSWORTH, John, Charles** [GB/GB]; Lindum House, 45 Broadbank, Louth, Lincolnshire LN11 0EW (GB). **BRUMPTON,**

Anthony, Michael [GB/GB]; 42 Mark Avenue, Horncastle, Lincolnshire LN9 5BD (GB).

(74) **WILLIAM JONES**; Willow Lane House, Willow Lane, Norwich NR2 1EU (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 UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/51584** (13) A1

(21) PCT/US98/09469

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

(25) en (26) en

(31) 08/857,743 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B65D 71/00**

(54) ● DIVIDER PANEL WITH ANCHOR FLAP HAVING A WINDOW APERTURE

● PANNEAU DE SEPARATION AVEC VOLET D'ANCRAGE COMPORTANT UNE FENETRE

(71) **THE MEAD CORPORATION** [US/US]; Courthouse Plaza, Northeast, Dayton, OH 45463 (US).

(72) **OLIFF, James, R.**; 530 Greystone Lane, Douglasville, GA 30135 (US).

(74) **DREW, Michael, V.** et al. / etc.; The Mead Corporation, 4850D North Church Lane, Smyrna, GA 30080 (US).

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

(11) **WO 98/51585** (13) A1

(21) PCT/AT98/00128

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

(25) de (26) de

(31) A 826/97 (32) **14 May/mai 1997 (14.05.1997)** (33) AT

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B65D 81/03, 81/05**

(54) ● PACKAGING AND METHOD FOR PRODUCING THE SAME

● EMBALLAGE ET PROCÉDE PERMETTANT DE LE PRODUIRE

(71) **ISTT COMPONENTS SOFTWARE GES.MBH** [AT/AT]; Finkenweg 4, A-9582 Latschach-Oberaichwald (AT). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OSWALD, Wolfgang** [AT/AT]; Heimatweg 7, A-9241 Waldberg (AT).

(74) **BEER, Manfred** et al. / etc.; Lindengasse 8, A-1070 Wien (AT).

(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 98/51586** (13) A1
(21) PCT/CH98/00195
(22) **12 May/mai 1998 (12.05.1998)**
(25) de (26) de
(31) 1006064 (32) **15 May/mai 1997 (15.05.1997)** (33) NL
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **B65D 81/32**
(54) ● DUAL-COMPONENT CONTAINER SYSTEM
● SYSTEME DE RECIPIENT A DEUX CONSTITUANTS
(71) **RC DEVELOPMENT AG** [CH/CH]; Zugerstrasse 50, CH-6340 Baar (CH).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **KELDERS, Johannes, Hubertus, Jozef, Maria** [NL/NL]; Eendenkooi 22, NL-5151 RL Drunen (NL). **VAN SWIETEN, Roy** [NL/NL]; Van Deelenstraat 109, NL-5256 JG Oud-Heusden (NL).
(74) **SPIERENBURG, Pieter**; Im Grund 12, CH-5405 Baden-Dättwil (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).
- Published / Publiée : (c)
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- (11) **WO 98/51587** (13) A1
(21) PCT/US98/09368
(22) **13 May/mai 1998 (13.05.1998)**
(25) en (26) en
(31) 08/856,282 (32) **14 May/mai 1997 (14.05.1997)** (33) US
(31) 09/071,619 (32) **1 May/mai 1998 (01.05.1998)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **B65D 83/14, A46B 11/00**
(54) ● DISPENSER-APPLICATOR ASSEMBLY
● ENSEMBLE DISTRIBUTEUR-APPLICATEUR
(71) **PAINTER'S PRODUCTS, INC.** [US/US]; 75080 St. Charles Place #A, Palm Desert, CA 92211 (US).
(72) **KOPTIS, Kurt**; 71468 Mirage Road, Rancho Mirage, CA 92270 (US).
(74) **FIELD, Milton, M.**; 2212 White Oaks Drive, Alexandria, VA 22306 (US).
(81) AU BR CA CN CZ HU IL JP KR MX NO NZ 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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- (11) **WO 98/51588** (13) A1
(21) PCT/US98/09534
(22) **11 May/mai 1998 (11.05.1998)**
(25) en (26) en
(31) 08/854,313 (32) **12 May/mai 1997 (12.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **B65D 83/16**
(54) ● TOTAL RELEASE ACTUATOR FOR AN AEROSOL CAN
● ACTIONNEUR DESTINE A UNE BOMBE AEROSOL ET PERMETTANT LA LIBERATION TOTALE DE SON CONTENU
(71) **S. C. JOHNSON & SON, INC.** [US/US]; 1525 Howe Street, Racine, WI 53403 (US).
(72) **DEMAREST, Scott, W.**; 7607 West River Road, Caledonia, WI 53108 (US).
(74) **HOUSER, David, J.** et al. / etc.; S. C. Johnson & Son, Inc., Patent Section, 1525 Howe Street, Racine, WI 53403 (US).
(81) AU BR BY CA CN CZ HU IL JP KE KR MX NZ PL RU SG SK TR UA 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 98/51589** (13) A1
(21) PCT/SE98/00902
(22) **15 May/mai 1998 (15.05.1998)**
(25) sv (26) en
(31) 9701826-1 (32) **15 May/mai 1997 (15.05.1997)** (33) SE
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **B65D 85/52, B65B 25/02**
(54) ● AN ARRANGEMENT AT A CONTAINER FOR PLANTS, A METHOD AND A DEVICE FOR PACKING PLANTS
● SYSTEME DESTINE A UN CONTENANT DE PLANTES, PROCEDE ET DISPOSITIF D'EMBALLAGE DE PLANTES
(71, 72) **BRUS, Anders** [SE/SE]; Varggårdsvägen 13, S-791 74 Falun (SE).
(74) **BJERKÉN, Håkan** et al. / etc.; Bjerkéns Patentbyrå KB, P.O. Box 1274, S-801 37 Gävle (SE).
(81) CA NO NZ SE; 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 98/51590** (13) A1
(21) PCT/US98/09625
(22) **12 May/mai 1998 (12.05.1998)**
(25) en (26) en
(31) 08/857,975 (32) **16 May/mai 1997 (16.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **B65D 85/57**
(54) ● COMPACT DISC STORAGE CASE
● ETUI DE RANGEMENT DE DISQUE COMPACT
(71) **DISC GRAPHICS, INC.** [US/US]; 10 Gilpin Avenue, Hauppauge, NY 11788 (US).
(72) **RENNA, Douglas, J.**; 131 Munro Boulevard, Valley Stream, NY 11581 (US).
(74) **FREEDMAN, Edward, R.** et al. / etc.; Collard & Roe, P.C., 1077 Northern Boulevard, Roslyn, NY 11576 (US).
(81) AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SI SK TJ TT UA 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).
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- (11) **WO 98/51591** (13) A1
(21) PCT/GB98/01332
(22) **8 May/mai 1998 (08.05.1998)**
(25) en (26) en
(31) 9709394.2 (32) **9 May/mai 1997 (09.05.1997)** (33) GB
(31) 9722148.5 (32) **20 Oct/oct 1997 (20.10.1997)** (33) GB
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **B65D 85/78**
(54) ● AN ICE-CREAM HOLDER
● SUPPORT DE CREME GLACEE
(71) **PEACOCK MANUFACTURING LIMITED** [GB/GB]; 190 Says Court, Farm Drive, Addlestone, Surrey KT15 1NB (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **MOORE, David, Arthur** [GB/GB]; 190 Says Court, Farm Drive, Addlestone, Surrey KT15 1NB (GB).
(74) **BUBB, Antony, John, Allen**; Gee & Co., Chancery House, Chancery Lane, London WC2A 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 GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/51592** (13) A1
(21) PCT/EP98/01962
(22) **3 Apr/avr 1998 (03.04.1998)**
(25) de (26) de
(31) 197 20 353.1 (32) **15 May/mai 1997 (15.05.1997)** (33) DE
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **B65D 90/20, 88/16**
(54) ● FLEXIBLE PACKAGING CONTAINER FOR LIQUIDS
● RECIPIENT DE CONDITIONNEMENT FLEXIBLE POUR LIQUIDES
(71) **EMPAC VERPACKUNGS GMBH** [DE/DE]; Hollefeldstrasse 34, D-48282 Emsdetten (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **TREPTE, Peter** [DE/DE]; Droste-Hülshoff-Allee 60, D-48282 Emsdetten (DE).
(74) **BUSSE, V.**; Postfach 12 26, D-49002 Osnabrück (DE) et al. / etc.
(81) AU CA JP PL TR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/51593** (13) A1
(21) PCT/CH98/00187
(22) **8 May/mai 1998 (08.05.1998)**

(25) de (26) de
(31) 1138/97 (32) **15 May/mai 1997 (15.05.1997)** (33) CH

(31) PCT/CH97/00423 (32) **7 Nov/nov 1997 (07.11.1997)** (33) WO
(34) CH et al. / etc.
(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B65F 3/20**

(54) ● REFUSE COLLECTION VEHICLE WITH A REFUSE COLLECTION RECEPTACLE WITH AN OPENING FOR FEEDING IN REFUSE, AND A LOADING MECHANISM

● VEHICULE POUR COLLECTE DE DECHETS COMPORTANT UNE CUVE COLLECTRICE MUNIE D'UNE OUVERTURE POUR INTRODUIRE LES DECHETS, AINSI QU'UN MECANISME DE CHARGEMENT

(71) **CAT SYSTEM AG** [CH/CH]; Limmatauweg 9, CH-5408 Ennetbaden (CH).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **MATHIS, Herbert** [AT/LI]; Unterdorfstrasse 81, FL-9491 Ruggell (LI). **SCHEFER, René** [CH/CH]; Kiesweid 18, Hadlikon, CH-8340 Hinwil (CH). **LÜSCHER, Claude** [CH/CH]; Zollikerstrasse 193, CH-8008 Zürich (CH).

(74) **ROSHARDT, Werner, A.**; Keller & Partner Patentanwälte AG, Zeughausgasse 5, Postfach, CH-3000 Bern 7 (CH).

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

(11) **WO 98/51594** (13) A1

(21) PCT/US98/09642

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

(25) en (26) en
(31) 60/046,700 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(31) 60/067,266 (32) **3 Dec/déc 1997 (03.12.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B65G 17/00**

(54) ● SKIRT PANEL FOR A PASSENGER CONVEYOR

● JUPE POUR BANDE DE TRANSPORT DE PERSONNES

(71, 72) **TEHRANI, Cyrus, M.** [US/US]; 9 Drum Hill Lane, Stamford, CT 06902 (US).

(74) **RAUCHFUSS, George, W., Jr.**; Ohlandt, Greeley, Ruggiero & Perle, L.L.C., 9th floor, One Landmark Square, Stamford, CT 06901-2682 (US).

(81) CA CN JP KR 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 98/51595** (13) A1

(21) PCT/SE98/00882

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

(25) sv (26) en
(31) 9701776-8 (32) **14 May/mai 1997 (14.05.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B65G 25/04, B27B 25/00**

(54) ● FEEDING DEVICE

● DISPOSITIF D'ALIMENTATION

(71) **HORTINORR AB** [SE/SE]; Ärsta 228, S-872 98 Noraström (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALEXANDERSON, Lars** [SE/SE]; Ärsta 228, S-872 98 Noraström (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 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).

Published / Publiée : (c)

(11) **WO 98/51596** (13) A1

(21) PCT/FI98/00404

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

(25) fi (26) en

(31) 972012 (32) **13 May/mai 1997 (13.05.1997)** (33) FI

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B65G 47/08, 47/28 // 47/32**

(54) ● PACKAGING DEVICE FOR ELONGATED ARTICLES

● DISPOSITIF D'EMBALLAGE D'ARTICLES OBLONGS

(71) **JOMET OY** [FI/FI]; P.O. Box 27, FIN-30101 Forssa (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUOKAS, Jouni** [FI/FI]; Tarhatie 40, FIN-31300 Tammela (FI).

(74) **HAKOLA, Unto** et al. / etc.; Tampereen Patentitoimisto OY, Hermiankatu 6, FIN-33720 Tampere (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 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).

(11) **WO 98/51597** (13) A1

(21) PCT/US98/09531

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 08/855,397 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B65G 47/84, 47/86**

(54) ● CONVEYOR WITH INTEGRATED SELF-ACTUATING CLAMP

● TRANSPORTEUR AVEC PINCE AUTOMATIQUE INTEGREE

(71) **SER-TEK SYSTEMS, INC.** [US/US]; 111 North Forney Avenue, P.O. Box 954, Hanover, PA 17331 (US).

(72) **BORING, David, E.**; 8405 Kuhn Fording Road, East Berlin, PA 17316 (US). **VAN DYKE, Mark, D.**; 1025 Grand Valley Road, Hanover, PA 17331 (US).

(74) **CARNEY, John, E.**; Armstrong, Westerman, Hattori, McLeland & Naughton, Suite 1000, 1725 K Street, N.W., Washington, DC 20006 (US).

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

(11) **WO 98/51598** (13) A1

(21) PCT/DE98/01221

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

(25) de (26) de

(31) 197 19 748.5 (32) **9 May/mai 1997 (09.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B65G 67/08, 59/02**

(54) ● DEVICE FOR HANDLING FREIGHT, ESPECIALLY IN PARCELS, WHEN LOADING AND UNLOADING A CALE

● DISPOSITIF DE MANUTENTION DE MARCHANDISES A LA PIECE, NOTAMMENT EN COLIS, LORS DU CHARGEMENT ET DU DECHARGEMENT D'UNE CALE

(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) **HOCH, Andreas** [DE/DE]; Mühläckerring 61, D-74388 Talheim (DE). **HOFER, Thomas** [DE/DE]; Bahnhofstrasse 20, D-73765 Neuhausen (DE). **SCHMIERER, Gernot** [DE/DE]; Stuttgarter Strasse 7, D-72250 Freudenstadt (DE). **HERKOMMER, Thomas** [DE/DE]; Robert-Koch-Strasse 32, D-70839 Gerlingen (DE).

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

(81) DK 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 98/51599** (13) A1

(21) PCT/CH98/00189

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(31) PCT/CH97/00181 (32) **9 May/mai 1997 (09.05.1997)** (33) WO

(34) AT et al. / etc.

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B65H 1/30**

- (54) ● METHOD AND DEVICE FOR FEEDING INDIVIDUAL SHEETS TO A PRINTER
- PROCEDE ET DISPOSITIF POUR ALIMENTER UNE IMPRIMANTE EN FEUILLES INDIVIDUELLES
- (71) **HUNKELER AG PAPIERVERARBEITUNGSMASCHINEN** [CH/CH]; Bahnhofstrasse 31, CH-4806 Wikon (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GERHARD, Jakob** [CH/CH]; Altweg 2, CH-4805 Brittnau (CH).
- (74) **SCHAAD, BALASS, MENZL & PARTNER AG**; Dufourstrasse 101, Postfach, CH-8034 Zürich (CH).

(81) DE GB JP US.

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- (11) **WO 98/51600** (13) A1
- (21) PCT/DK98/00187
- (22) **14 May/mai 1998 (14.05.1998)**
- (25) da (26) en
- (31) 0560/97 (32) **15 May/mai 1997 (15.05.1997)** (33) DK
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **B65H 20/02, 20/24, 20/34 // G03D 13/00**
- (54) ● AN APPARATUS AND A PROCESS FOR TRANSFERRING SHEET MATERIAL BETWEEN TWO PROCESS STAGES
- DISPOSITIF ET PROCEDE PERMETTANT DE TRANSFERER UN MATERIAU EN FEUILLE ENTRE DEUX POSTES DE TRAITEMENT
- (71) **GLUNZ & JENSEN A/S** [DK/DK]; Haslevvej 13, Dk-4100 Ringsted (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HAASTRUP, Henrik, Krøyer** [DK/DK]; Skovvej 1, DK-4180 Sorø (DK).
- (74) **HOFMAN-BANG & BOUTARD, LEHMANN & REE A/S**; Hans Bekkevolds Alle 7, DK-2900 Hellerup (DK).

- (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).

- (11) **WO 98/51601** (13) A1
- (21) PCT/CH98/00188
- (22) **8 May/mai 1998 (08.05.1998)**
- (25) de (26) de
- (31) 1090/97 (32) **9 May/mai 1997 (09.05.1997)** (33) CH

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B65H 23/14**

- (54) ● WINDING-UP DEVICE FOR PAPER WEBS AND METHOD FOR WINDING UP PAPER WEBS

- DISPOSITIF D'ENROULAGE POUR BANDES DE PAPIER ET PROCEDE D'ENROULAGE DE BANDES DE PAPIER

- (71) **HUNKELER AG PAPIERVERARBEITUNGSMASCHINEN** [CH/CH]; Bahnhofstrasse 31, CH-4806 Wikon (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WIDMER, Josef** [CH/CH]; Friedmattstrasse 24, CH-6260 Reiden (CH).
- (74) **PATENTANWÄLTE SCHAAD, BALASS, MENZL & PARTNER AG**; Dufourstrasse 101, Postfach, CH-8034 Zürich (CH).
- (81) DE GB JP US.

(11) **WO 98/51602** (13) A1

(21) PCT/EP98/02838

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

(25) de (26) de

(31) 197 19 935.6 (32) **13 May/mai 1997 (13.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B65H 31/34**

- (54) ● DEVICE AND METHOD FOR BLOCKING A STACK OF STACKED OBJECTS
- DISPOSITIF ET PROCEDE POUR BLOQUER UNE PILE D'OBJETS

- (71) **ELTEX-ELEKTROSTATIK GMBH** [DE/DE]; Neudorfer Strasse 5, D-79576 Weil am Rhein (DE).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **HAHNE, Ernst, August** [DE/CH]; Oberer Rosenbergweg 26, CH-4123 Allschwil (CH).
KNOPF, Franz [DE/DE]; Kantstrasse 2, D-77815 Bühl (DE).
KÜNZIG, Hermann [DE/DE]; Schwarzwaldstrasse 6, D-79575 Weil am Rhein (DE).

- (74) **SÄGER, Manfred**; Postfach 505, CH-9004 St. Gallen (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 98/51603** (13) A1

(21) PCT/US98/09672

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(31) 08/855,687 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B65H 35/00**

- (54) ● SHEET MATERIAL DISPENSER WITH SAFER SHEET CUTTING MEANS
- DISTRIBUTEUR DE MATIERE EN FEUILLE COMPRENANT UN DISPOSITIF COUPEUR DE FEUILLE A SECURITE RENFORCEE

- (71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

- (72) **SADRAKULA, Philip, V.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
KAMPA, Leonard; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
HAMERSKI, Michael, D.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
BRIES, James, L.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

- (74) **HUEBSCH, William, L.**, 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 98/51604** (13) A1

(21) PCT/US98/09310

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

(25) en (26) en

(31) 08/854,707 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B66B 9/08, B60P 1/00**

- (54) ● PHYSIOTHERAPEUTIC DEVICE
- DISPOSITIF PHYSIOTHERAPEUTIQUE

- (71) **FRIEDMAN, Mark, M.** [US/IL]; Alharizi 1, 43406 Raanana (IL).
(only for / seulement pour TJ)

- (71, 72) **ORGAL, Daniel** [IL/IL]; P.O. Box 49, 90855 Shoeva (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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/51605** (13) A1

(21) PCT/US98/09002

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

(25) en (26) en

(31) 08/857,538 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B66B 13/14, 13/06**

- (54) ● ELEVATOR DOOR INTERLOCK
- VERROUILLAGE DE PORTES D'ASCENSEUR

(63) US 08/857,538 (CON)
16 May/mai 1997 (16.05.1997)

- (71) **VERTISYS, INC.** [US/US]; 6251-B Park of Commerce Boulevard, N.W., Boca Raton, FL 33487 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **O'DONNELL, Timothy, P.** [US/US]; 145 N. Swinton Avenue, Delray Beach, FL 33444 (US).

- (74) **LAFONTAINE, Earl, J.**, 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 98/51606** (13) A1

(21) PCT/JP97/01583

(22) **12 May/mai 1997 (12.05.1997)**

(25) ja (26) ja

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B66B 23/00, E04G 21/14, B32B 5/18**

(54) ● METHOD OF INSTALLING PASSENGER CONVEYOR IN BUILDING AND BUILDING CONSTRUCTION METHOD

● PROCEDE D'INSTALLATION D'UN TROTTOIR ROULANT DANS UN IMMEUBLE ET PROCEDE DE CONSTRUCTION DE CET IMMEUBLE

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101 (JP). **HITACHI BUILDING SYSTEMS CO., LTD.** [JP/JP]; 6, Kanda Nishikicho 1-chome, Chiyoda-ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAITOH, Chuichi** [JP/JP]; 847-67, Ichige, Hitachinaka-shi, Ibaraki 312 (JP). **TAKAHASHI, Tatsuhiko** [JP/JP]; 618-22, Sugaya, Naka-machi, Naka-gun, Ibaraki 311-01 (JP). **KIKUCHI, Kinya** [JP/JP]; 7-1, Tamagawa 7-chome, Chofu-shi, Tokyo 182 (JP). **ISHIKAWA, Mituaki** [JP/JP]; 36-7, Ohshima 8-chome, Koto-ku, Tokyo 136 (JP).

(74) **OGAWA, Katsuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100 (JP).

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

(11) **WO 98/51607** (13) A1

(21) PCT/EP98/01860

(22) **31 Mar/mar 1998 (31.03.1998)**

(25) de (26) de

(31) 197 20 377.9 (32) **15 May/mai 1997 (15.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B66B 31/00**

(54) ● METHOD AND DEVICE FOR CLEANING
● PROCEDE ET DISPOSITIF DE NETTOYAGE

(71, 72) **HÄGLE, Friedrich** [DE/DE]; Ziegeleistrasse 30, D-88697 Bermatingen (DE).

(72, 75) **RINKENBURGER, Werner** [DE/DE]; Pappelweg 12, D-88697 Bermatingen (DE). **GÜNDLÄCH, Eberhard** [DE/DE]; Möwenweg 2, D-88433 Schemmerberg (DE).

(74) **GRÜNECKER, KINKELDEY, STOCKMAIR & SCHWANHÄUSSER**; Maximilianstrasse 58, D-80538 München (DE).

(81) AU BA BG BR CA CN CU CZ EE GE HU IL IS JP KR LT LV MK MX NO NZ PL RO SG SI SK TR UA US 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 DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/51608** (13) A1

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(25) fr (26) fr

(31) 1106/97 (32) **12 May/mai 1997 (12.05.1997)** (33) CH

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B67C 7/00, A61L 2/14, B08B 9/00, B65B 55/04**

(54) ● METHOD AND DEVICE FOR SURFACE TREATMENT
● PROCEDE ET DISPOSITIF POUR TRAITEMENT DE SURFACE

(71) **IST INSTANT SURFACE TECHNOLOGY S.A.** [CH/CH]; En Chamard, CH-1442 Montagny-près-Yverdon (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOULIK, Pavel** [RU/CH]; Rue du Jura, CH-1441 Valeyres s/Montagny (CH). **BEGOUNOV, Stanislav** [RU/CH]; Chemin des Sources 31, CH-1401 Yverdon-les-Bains (CH). **GOLOVIATINSKII, Sergei** [UA/CH]; Rue des Cygnes 28, CH-1401 Yverdon-les-Bains (CH).

(74) **GANGUILLET, Cyril**; ABREMA Agence Brevets et Marques Ganguillet & Humphrey, Avenue du Théâtre 16, Case postale 2065, CH-1002 Lausanne (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 98/51609** (13) A1

(21) PCT/EP98/02675

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

(25) de (26) de

(31) 197 19 911.9 (32) **13 May/mai 1997 (13.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B67C 7/00, B65B 55/10**

(54) ● DEVICE FOR STERILIZING BEVERAGE CONTAINERS USING A PLASMA
● DISPOSITIF POUR LA STERILISATION DE RECIPIENTS A BOISSON PAR UN PLASMA

(71) **CROWN SIMPLIMATIC INCORPORATED** [US/US]; 1320 Wards Ferry Road, Lynchburg, VA 24502 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PRÄSSLER, Walter** [DE/DE]; Gottesgabe 17, D-22955 Hoisdorf (DE). **BESTMANN, Matthias** [DE/DE]; Herzog-Alf-Weg 8B, D-22457 Hamburg (DE). **PAASCHE, Siegfried** [DE/DE]; Schwöen 2, D-32479 Hille (DE).

(74) **SCHAEFER, Konrad**; Schaefer & Emmel, Gehölzweg 20, D-22043 Hamburg (DE).

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

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(11) **WO 98/51610** (13) A1

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(31) 9709587.1 (32) **12 May/mai 1997 (12.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B67D 5/34**

(54) ● OVERFILL PROTECTION FOR FUEL TANKS
● DISPOSITIF DE PROTECTION CONTRE LE TROP-PLEIN DE RESERVOIRS DE COMBUSTIBLE

(71) **RISBRIDGER LIMITED** [GB/GB]; Stychens Lane, Blethingley, Redhill, Surrey RH1 4LN (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STUART, Graham, Mansfield** [NZ/GB]; 58 Wordsworth Mead, Redhill, Surrey RH1 1AJ (GB).

(74) **WOODCRAFT, David, Charles**; Brookes & Martin, High Holborn House, 52/54 High Holborn, London WC1V 6SE (GB).

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

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(11) **WO 98/51611** (13) A1

(21) PCT/US98/09772

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(31) 08/857,615 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **B67D 5/62**

(54) ● CONTAINER COOLING JACKET AND PRE-CHILL DISPENSING SYSTEM THEREFOR
● CHEMISE DE REFROIDISSEMENT DE RECIPIENT ET SYSTEME AFFERENT DE DISTRIBUTION DE LIQUIDE REFROIDI AU PREALABLE

(63) US 08/857,615 (CON)
16 May/mai 1997 (16.05.1997)

(71, 72) **GALOCKIN, Longin** [US/US]; 1260 Elmwood Avenue, Deerfield, IL 60015 (US). **MONTGOMERY, B., Douglass** [US/CA]; 8701 147A Street, Surrey, British Columbia V3S 6R6 (CA).

(74) **HANRATH, James, P.**; James P. Hanrath P.C., Suite 216, 415 W. Washington Street, Waukegan, IL 60085-5564 (US).

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

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(11) **WO 98/51612** (13) A1

(21) PCT/JP98/02105

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(25) ja (26) ja

(31) 9/122066 (32) **13 May/mai 1997** (33) JP
(13.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C01B 3/02, C01G 29/00**

(54) ● METHOD AND APPARATUS FOR GENERATING HYDROGEN GAS BY DIRECT THERMAL DECOMPOSITION OF WATER
● PROCEDE ET APPAREIL PERMETTANT DE GENERER UN GAZ HYDROGENE PAR DECOMPOSITION THERMIQUE DIRECTE DE L'EAU

(71, 72) **SUGIE, Yosohiro** [JP/JP]; 817-4, Kuchiri, Onoe-cho, Kakagowa-shi, Hyogo 675-0022 (JP). **SASAKI, Manabu** [JP/JP]; Palmeson 507, 8, Tsuchisoji, Wakabayashi-ku, Sendai-shi, Miyagi 984-0065 (JP). **KIMURA, Kenzo** [JP/JP]; Nichirin Co., Ltd., 1118, Sazuchi, Bessho-cho, Himeji-shi, Hyogo 671-0224 (JP).

(74) **KOYAMA, Yuu**; Yotsuya-Takagi Building, 2nd floor, 9, Yotsuya 2-chome, Shinjuku-ku, Tokyo 160-0004 (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 KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/51613** (13) A1

(21) PCT/FR98/00963

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

(25) fr (26) fr

(31) 97/05994 (32) **15 May/mai 1997** (33) FR
(15.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C01B 13/32, 33/158, C01G 23/053**

(54) ● METHOD FOR MAKING SINGLE OR MIXED METAL OXIDES OR SILICON OXIDE
● PROCEDE DE FABRICATION D'OXYDES METALLIQUES, SIMPLES OU MIXTES, OU D'OXYDE DE SILICIUM

(71) **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31-33, rue de la Fédération, F-75752 Paris Cedex 15 (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SARRADE, Stéphane** [FR/FR]; Résidence des Arènes, 560, avenue Charles de Gaulle, F-84100 Orange (FR). **SCHRIVE, Luc** [FR/FR]; 17, lotissement "Les Cigales", F-30130 Pont-Saint-Esprit (FR). **GUIZARD, Christian** [FR/FR]; "Les Jardins du Séminaire", 2, rue de Communautés, F-34080 Montpellier (FR). **JULBE, Anne** [FR/FR]; 9, rue Leenhardt, F-34000 Montpellier (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 98/51614** (13) A1

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

(25) en (26) en

(31) 60/046,815 (32) **12 May/mai 1997** (33) US
(12.05.1997)

(31) 08/911,045 (32) **14 Aug/août 1997** (33) US
(14.08.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C01F 5/14, C02F 1/52**

(54) ● A MODIFIED MAGNESIUM HYDROXIDE SLURRY FOR USE IN TREATING WASTE-WATER AND A PROCESS FOR PRODUCING THEREOF
● BOUES D'HYDROXYDE DE MAGNESIUM MODIFIEES SERVANT AU TRAITEMENT DES EAUX USEES ET LEUR PROCEDE DE PREPARATION

(71) **MARTIN MARIETTA MAGNESIA SPECIALTIES, INC.** [US/US]; 2710 Wycliff Road, Raleigh, NC 27607 (US).

(72) **GIBSON, Aileen, Reyes**; 339 Eagle Hill Road, Pasadena, MD 21122 (US). **WÄJER, Mark, Thomas**; 9728 Hickoryhurst Drive, Baltimore, MD 21236 (US).

(74) **DONNELLY, Laura, A.** et al. / etc.; McDermott, Will & Emery, 600 13th Street, N.W., Washington, DC 20005-3096 (US).

(81) AL AM AT AU AZ BA BB BG 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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(21) PCT/US98/01605

(22) **27 Jan/jan 1998 (27.01.1998)**

(25) en (26) en

(31) 08/856,157 (32) **14 May/mai 1997** (33) US
(14.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C01F 7/00, C01B 13/36, C01F 7/68, C01B 11/18**

(54) ● SIMPLIFIED SYNTHESIS OF ANION INTERCALATED HYDROTALCITES
● SYNTHÈSE D'HYDROTALCITES A SIMPLIFIEE INTERCALES ANIONS

(71) **ARISTECH CHEMICAL CORPORATION** [US/US]; USX Building, 600 Grant Street, Pittsburgh, PA 15219-2704 (US).

(72) **KELKAR, Chandrashekhar, P.**; 17 Shangri-la Circle, Pittsburgh, PA 15239 (US).

(74) **GAVLIK, Robert, R.**; Aristech Chemical Corporation, Law Dept., USX Building, Room 1185, 600 Grant Street, Pittsburgh, PA 15219-2704 (US).

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

(11) **WO 98/51616** (13) A1

(21) PCT/AU98/00347

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 9701492-2 (32) **12 May/mai 1997** (33) SG
(12.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C01F 11/46 // C02F 1/52**

(54) ● PROCESS FOR THE PRODUCTION OF GYPSUM FROM SULPHURIC ACID CONTAINING WASTE STREAMS

● PROCEDE DE PRODUCTION DE GYPSE A PARTIR DE FLUX DE DECHETS CONTENANT DE L'ACIDE SULFURIQUE

(71, 72) **HOSE, Robert** [AU/AU]; 676 Lorimer Street, Port Melbourne, VIC 3207 (AU). **STRAY, Gavan, J.** [AU/AU]; 676 Lorimer Street, Port Melbourne, VIC 3207 (AU). **OMAHEN, Franc** [DE/AU]; 119-121 Bedford Street, Gillman, S.A. 5013 (AU).

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

(11) **WO 98/51617** (13) A1

(21) PCT/GB98/01355

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

(25) en (26) en

(31) 9709449.4 (32) **10 May/mai 1997** (33) GB
(10.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C01F 17/00, C01G 25/00, C01B 13/36, C01G 49/00, H01M 8/12, B01J 37/03**

(54) ● LOW TEMPERATURE PRODUCTION OF METAL OXIDES

● PRODUCTION A BASSE TEMPERATURE D'OXYDES METALLIQUES

(71) **UNIVERSITY OF WARWICK** [GB/GB]; Coventry CV4 7AL (GB).
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(72, 75) **BHATTACHARYA, Ashok, Kumar** [GB/GB]; 50 Grove Avenue, Moseley, Birmingham, West Midlands B13 9RY (GB). **HARTRIDGE, Adrian** [GB/GB]; 52 Arden Street, Earlsdon, Coventry, West Midlands CV5 6FD (GB).

(74) **BASSETT, Richard**; Eric Potter Clarkson, Park View House, 58 The Ropewalk, Nottingham NG1 5DD (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 98/51618** (13) A1

(21) PCT/DE98/00732

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) de (26) de

(31) 197 19 798.1 (32) **10 May/mai 1997** (33) DE
(10.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C02F 1/24, 1/78, 1/465**

(54) ● METHOD FOR REMOVING BIOMASS FROM A LIQUID BY MEANS OF A REACTOR

● PROCEDE D'ELIMINATION DE LA BIOMASSE DANS UN LIQUIDE A L'AIDE D'UN REACTEUR

(71) **FORSCHUNGSZENTRUM JÜLICH GMBH** [DE/DE]; Leo-Brandt-Strasse, D-52428 Jülich (DE).
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(72, 75) **OVERATH, Horst** [DE/DE]; Bastionstrasse 9, D-52428 Jülich (DE).

(74) **HUBLE, Kai** et al. / etc.; Bungartz, Hublé, Hübsch & Partner, Eupener Strasse 161a, D-50933 Köln (DE).

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

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(11) **WO 98/51619** (13) A1

(21) PCT/US98/09501

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

(25) en (26) en

(31) 08/854,834 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C02F 1/28, 1/42, 1/72, C08G 73/06**

(54) ● PROCESS FOR THE REMOVAL OF PENTA-VALENT ARSENIC FROM WATER
● PROCEDE POUR ELIMINER L'ARSENIC PENTAVALENT CONTENU DANS L'EAU

(71) **AFFINITI, LLC**, [US/US]; Suite 111, 411 Business Center Drive, Mt. Prospect, IL 60056 (US).

(72) **SMITH, Paul, K.**; 6807 Kinnickinnick Drive, Roscoe, IL 61073 (US). **BERGEMANN, Eugene, P.**; 1655 Carmel Court, Hoffman Estates, IL 60194 (US).

(74) **GAMSON, Edward, P.** et al. / etc.; Welsh & Katz, Ltd., 22nd floor, 120 South 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 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 98/51620** (13) A1

(21) PCT/AU98/00334

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) PO 6715 (32) **9 May/mai 1997 (09.05.1997)** (33) AU

(31) PO 9597 (32) **3 Oct/oct 1997 (03.10.1997)** (33) AU

(31) PP 0324 (32) **11 Nov/nov 1997 (11.11.1997)** (33) AU

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C02F 1/42, 1/469, B01J 47/06, 49/00**

(54) ● PURIFICATION OF A LIQUID STREAM
● EPURATION D'UN COURANT DE LIQUIDE

(71) **USF FILTRATION AND SEPARATIONS GROUP INC.** [US/US]; Suite 700, 9690 Deereco Road, Timonium, MD 21093 (US).
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(72, 75) **HODGES, Alastair, McIndoe** [AU/AU]; 34 Samuel Road, Blackburn South, VIC 3130 (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 98/51621** (13) A1

(21) PCT/AU98/00336

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) PO 6715 (32) **9 May/mai 1997 (09.05.1997)** (33) AU

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C02F 1/42, 1/469, B01J 47/06, 49/00**

(54) ● ELECTROCHEMICAL TREATMENT OF ION EXCHANGE MATERIAL
● TRAITEMENT ELECTROCHIMIQUE DE MATIERE ECHANGEUSE D'IONS

(71) **CRC FOR WASTE MANAGEMENT AND POLLUTION CONTROL LIMITED** [AU/AU]; Gate 11, Botany Street, Kensington, NSW 2033 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HODGES, Alastair** [AU/AU]; 15 Jasmine Court, Blackburn, VIC 3130 (AU). **OSVATH, Peter** [AU/AU]; 21/30 Murphy Street, South Yarra, VIC 3141 (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 98/51622** (13) A1

(21) PCT/AU98/00342

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

(25) en (26) en

(31) PO 6724 (32) **12 May/mai 1997 (12.05.1997)** (33) AU

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C02F 1/465**

(54) ● GREY WATER PURIFICATION AND RECYCLING SYSTEM
● SYSTEME DE PURIFICATION ET DE RECYCLAGE DES EAUX GRISSES

(71) **AUSTRALIAN WATER PURIFICATION LIMITED** [AU/AU]; 8 Boronia Road, Vermont, VIC 3133 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YANG, Thien, Siung** [AU/AU]; 292 Connells Point Road, Connells Point, NSW 2221 (AU).

(74) **ANDERSON-TAYLOR, Michael**; 10 Harrison Avenue, Bonnet Bay, NSW 2226 (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 98/51623** (13) A1

(21) PCT/US98/09105

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

(25) en (26) en

(31) 08/857,650 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(31) 09/070,681 (32) **30 Apr/avr 1998 (30.04.1998)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C02F 1/56, 1/54**

(54) ● FILTER AID FOR CLAY PROCESSING
● ADJUVANT DE FILTRATION POUR LE TRAITEMENT DE L'ARGILE

(71) **ENGELHARD CORPORATION** [US/US]; 101 Wood Avenue, P.O. Box 770, Iselin, NJ 08830-0770 (US).

(72) **WILLIS, Mitchell, J.**; 115 Wesley Anne Court, Macon, GA 31210-3136 (US). **BEHL, Sanjay**; 11, rue d'Avon, F-77300 Fontainebleau (FR). **YOUNG, Raymond, H.**; 902 River North Boulevard, Macon, GA 31211 (US).

(74) **MILLER, Stephen, I.** et al. / etc.; Engelhard Corporation, 101 Wood Avenue, P.O. Box 770, Iselin, NJ 08830-0770 (US).

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

(11) **WO 98/51624** (13) A1

(21) PCT/FR98/00902

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

(25) fr (26) fr

(31) 97/05801 (32) **9 May/mai 1997 (09.05.1997)** (33) FR

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C02F 3/00, 3/34**

(54) ● AEROBIC BIODEGRADING METHOD AND PLANT FOR LIPID COMPOSITIONS
● PROCEDE ET INSTALLATION DE DEGRADATION BIOLOGIQUE AEROBIE DE COMPOSITIONS LIPIDIQUES

(71) **BIOTRADE** [FR/FR]; Centre d'Innovation Industrielle, 42, avenue du Général Décroute, F-31100 Toulouse (FR).
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- (72, 75) **PAUL, Etienne** [FR/FR]; Appartement 77, 14, rue Dugay-Trouin, F-31400 Toulouse (FR). **LE-FEBVRE, Xavier** [FR/FR]; Bât. C, 3, chemin de Limayrac, F-31500 Toulouse (FR).
- (74) **CABINET BARRE LAFORGUE & ASSOCIES**; 95, rue des Amidonniers, F-31000 Toulouse (FR).
- (81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/51625** (13) A1
- (21) PCT/US98/08883
- (22) **12 May/mai 1998 (12.05.1998)**
- (25) en (26) en
- (31) 08/854,828 (32) **12 May/mai 1997 (12.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **C02F 3/28**
- (54) ● METHOD FOR REDUCING THE LEVEL OF HYDROGEN SULFIDE IN WASTEWATER SYSTEMS
- PROCEDE POUR REDUIRE LA TENEUR EN SULFURE D'HYDROGENE DANS LES SYSTEMES DE TRAITEMENT DES EAUX USEES
- (71) **DCV, INC.** [US/US]; 3521 Silverside Road, Wilmington, DE 19810 (US).
- (72) **HELLER, Kenneth, J.**; 5350 North Washington Street, Denver, CO 80216 (US). **HELLER, Johnathan, D.**; 5350 North Washington Street, Denver, CO 80216 (US). **BALLINGER, Kenneth, E., Jr.**; 619 Aberdeen Road, Kennett Square, PA 19348 (US).
- (74) **WINSLOW, Don, O.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51626** (13) A1
- (21) PCT/CZ98/00023
- (22) **13 May/mai 1998 (13.05.1998)**
- (25) en (26) en
- (31) PV 1479-97 (32) **14 May/mai 1997 (14.05.1997)** (33) CZ
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **C02F 3/30**
- (54) ● METHOD AND APPARATUS FOR BIOLOGICAL REMOVAL OF NITROGEN COMPOUNDS FROM WATER
- PROCEDE ET APPAREIL D'EXTRACTION BIOLOGIQUE DE COMPOSES AZOTES DE L'EAU
- (71, 72) **MACKRLE, Svatopluk** [CZ/CZ]; Pavlíkova 5, 602 00 Brno (CZ). **MACKRLE, Vladimír** [SK/SK]; I.Máje 12, 900 44 Tomášov (SK).
- (74) **SMOLA, Josef**; Kania, Sedláč, Smola, Mendlovonám.1a, 603 00 Brno (CZ).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51627** (13) A1
- (21) PCT/US98/10005
- (22) **15 May/mai 1998 (15.05.1998)**
- (25) en (26) en
- (31) 08/857,971 (32) **16 May/mai 1997 (16.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **C02F 3/32**
- (54) ● ALGAL TURF WATER PURIFICATION METHOD
- PROCEDE D'EPURATION D'EAU AU MOYEN D'UN TAPIS D'ALGUES
- (71) **AQUATIC BIOENHANCEMENT SYSTEMS** [US/US]; Suite 174, 12926 Dairy Ashford, Sugar Land, TX 77487-2519 (US).
- (72) **ADEY, Walter, H.**; 9438 Bay Meadows Road, Gloucester, VA 23061 (US).
- (74) **JONES, John, Wilson** et al. / etc.; Liddell, Sapp, Zivley, Hill & LaBoon, L.L.P., Suite 3400, 600 Travis, Houston, TX 77002-3095 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51628** (13) A1
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- (25) en (26) en
- (31) 08/857,626 (32) **16 May/mai 1997 (16.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **C02F 9/00**
- (54) ● WATER FILTRATION DEVICE AND RELATED FILTER CARTRIDGE
- DISPOSITIF DE FILTRATION D'EAU ET CARTOUCHE FILTRANTE CORRESPONDANTE
- (71) **SUNBEAM PRODUCTS, INC.** [US/US]; Suite 200, 1615 South Congress Avenue, Delray Beach, FL 33445 (US).
- (72) **ULERY, Steve**; 2 Tamburlain, Hattiesburg, MI 39402 (US). **HARTLEY, Philip, Randolph**; 695 Third Avenue #8, San Francisco, CA 94118 (US). **COULLAHAN, Kevin, Christian**; 100 Drysdale Drive, Los Gatos, CA 95032 (US). **HERRON, Matthew, Allison**; 3170 Cowper Street, Palo Alto, CA 94306 (US). **ANDREPONT, Steve**; 102 Leeds Place, Hattiesburg, MI 39402 (US). **DUPLANTIS, Scott**; 316 N. 21st Avenue, Hattiesburg, MI 39401 (US). **DAVIS, Lawrence, Eugene**; 24 Trillium Lane, San Carlos, CA 94070 (US). **BARTHELEMY, Matthew, John**; 2557 Park Boulevard, L102, Palo Alto, CA 94306 (US).

- (74) **CARLETON, Dennis, M.** et al. / etc.; Thorp, Reed & Armstrong, One Riverfront Center, Pittsburgh, PA 15222-4895 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ EE GE GH GM GW HU ID IL IS KE KG KP KZ LC LK LR LS LT LU LV MD MG MK MN MW NO NZ PL RO RU SD 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 98/51629** (13) A1
- (21) PCT/EP98/02748
- (22) **11 May/mai 1998 (11.05.1998)**
- (25) de (26) de
- (31) 197 19 895.3 (32) **12 May/mai 1997 (12.05.1997)** (33) DE
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **C02F 11/12, 11/04**
- (54) ● METHOD FOR OPTIMIZING AND IMPROVING THE SPACE LOAD OF FERMENTATION REACTORS
- PROCEDE D'UTILISATION ET D'AUGMENTATION DE LA CHARGE SPATIALE DE REACTEURS DE FERMENTATION
- (71) **MAT MÜLL- UND ABFALLTECHNIK GMBH** [DE/DE]; Nordbahnhofstrasse 17, D-70191 Stuttgart (DE).
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- (72, 75) **KORZ, Dieter, Jürgen** [DE/DE]; Kiesstrasse 10, D-73728 Esslingen (DE). **DONDERER, Michael** [DE/DE]; Buchenweg 12, D-73728 Esslingen (DE).
- (74) **HENKEL, FEILER & HÄNZEL**; Möhlstrasse 37, D-81675 München (DE).
- (81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH 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 98/51630** (13) A1
- (21) PCT/EP98/02887
- (22) **15 May/mai 1998 (15.05.1998)**
- (25) de (26) de
- (31) 197 20 259.4 (32) **15 May/mai 1997 (15.05.1997)** (33) DE
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **C03B 19/02, 20/00**
- (54) ● METHOD AND DEVICE FOR PRODUCING A HOMOGENEOUS SHEET OF QUARTZ GLASS WITHOUT STREAKS
- PROCEDE ET DISPOSITIF POUR LA PRODUCTION D'UNE PLAQUE DE VERRE DE QUARTZ HOMOGENE SANS STRIES
- (71) **SCHOTT ML GMBH** [DE/DE]; Göschwitzer Strasse 20, D-07745 Jena (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CORIAN, Frank** [DE/DE]; Buchaer Strasse 8c, D-07745 Jena (DE). **MENZEL, Andreas** [DE/DE]; Grüne Aue 44, D-07745 Jena (DE). **NADRAG, Walter** [AT/AT]; Bad Bleiberg 59,

- A-9530 Bad Bleiberg (AT). **SCHMIDT, Wolfgang** [DE/DE]; Gartenstrasse 2, D-07743 Jena (DE).
- (74) **BOCK, Gerhard** et al. / etc.; Patentanwaltsbüro Pfeiffer & Partner, Helmholtzweg 4, D-07743 Jena (DE).
- (81) 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 98/51631** (13) A1

(21) PCT/DE98/01336

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

(25) de (26) de

(31) 197 19 814.7 (32) **13 May/mai 1997 (13.05.1997)** (33) DE

(31) 197 24 874.8 (32) **12 Jun/juin 1997 (12.06.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C03C 25/00, 13/00, 25/06**

(54) ● AL₂O₃-CONTAINING, HIGH-TEMPERATURE RESISTANT GLASS SLIVER WITH HIGHLY TEXTILE CHARACTER, AND PRODUCTS THEREOF

● MECHE DE VERRANNE CONTENANT DE L'AL₂O₃, A HAUTE RESISTANCE THERMIQUE ET A FORT CARACTERE TEXTILE, AINSI QUE PRODUITS DERIVES

(71, 72) **RICHTER, Robin** [DE/DE]; Bäckergasse 2, D-09627 Hilbersdorf (DE).

(72, 75) **FOCKE, Thomas** [DE/DE]; Frauensteiner Strasse 52, D-09599 Freiberg (DE). **LEHR, Sven** [DE/DE]; Wohnpark Gentilly 42c, D-09599 Freiberg (DE).

(74) **KUHNE WACKER & PARTNER**; Alois-Steinecker-Strasse 22, D-85354 Freising (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MX NO NZ PL PT RO RU SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(31) 97/05893 (32) **14 May/mai 1997 (14.05.1997)** (33) FR

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C03C 25/02, C23C 16/34**

(54) ● METHOD FOR DEPOSITING A COATING LAYER ON AN OPTICAL FIBRE WHILE IT IS BEING DRAWN AND DEVICE FOR ITS IMPLEMENTATION

● PROCEDE DE DEPOT D'UNE COUCHE DE REVETEMENT SUR UNE FIBRE OPTIQUE AU COURS DE SON FIBRAGE ET DISPOSITIF DE MISE EN OEUVRE

(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) **RUELLO, Yves** [FR/FR]; 12, rue des Sept Tournants, F-22300 Lannion (FR). **CADIER, Benoît** [FR/FR]; 20, rue Le Kerwenet, F-22560 Trebeurden (FR).

(74) **BORIN, Lydie**; Cabinet Ballot-Schmit, 16, avenue du Pont Royal, F-94230 Cachan (FR).

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

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(11) **WO 98/51633** (13) A1

(21) PCT/FR98/00953

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

(25) fr (26) fr

(31) 97/05926 (32) **14 May/mai 1997 (14.05.1997)** (33) FR

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C03C 25/02**

(54) ● METHOD FOR PRODUCING SIZED GLASS FIBRES AND RESULTING PRODUCTS

● PROCEDE DE PRODUCTION DE FILS DE VERRE ENSIMES ET PRODUITS RESULTANTS

(71) **VETROTTEX FRANCE** [FR/FR]; 130, avenue des Follaz, F-73000 Chambéry (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MOIREAU, Patrick** [FR/FR]; Lieu-dit Vernay, F-73190 Curienne (FR). **GIBELLO, Bruno** [FR/FR]; 54, square d'Orgeval, F-73000 Chambéry (FR). **ROUBIN, Marc** [FR/FR]; 14c, faubourg Reclus, F-73000 Chambéry (FR).

(74) **GOLDENBERG, Virginie**; Saint-Gobain Recherche, 39, quai Lucien Lefranc, F-93300 Aubervilliers (FR).

(81) AU BR CA CN CZ JP KR MX NO RU SK UA 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 98/51634** (13) A1

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

(25) de (26) de

(31) 197 19 684.5 (32) **9 May/mai 1997 (09.05.1997)** (33) DE

(31) 198 17 519.1 (32) **9 Apr/avr 1998 (09.04.1998)** (33) DE

(31) 198 17 518.3 (32) **9 Apr/avr 1998 (09.04.1998)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C04B 7/26, B01F 7/04**

(54) ● METHOD AND DEVICE FOR PRODUCING STORAGE MINERAL CONSTITUENTS TO IMMOBILIZE HARMFUL SUBSTANCES AND FOR PRODUCING COMPONENTS, SPECIALLY BUILDING SLABS AND MIXTURES

● PROCEDE ET DISPOSITIF POUR LA PRODUCTION DE CONSTITUANTS MINERAUX ACCUMULATEURS EN VUE DE L'IMMOBILISATION DE SUBSTANCES NOCIVES, ET POUR LA FABRICATION D'ELEMENTS DE CONSTRUCTION, NOTAMMENT DE PANNEAUX MURAUX, AINSI QUE DE MELANGES

(71, 72) **GEBHARD, Georg** [DE/DE]; Grossenseifen, D-51545 Waldbröl (DE). **WERNER, Beate** [DE/DE]; Ahornegasse 2, D-04356 Leipzig/Hohenheida (DE).

(72) **KAHL, Dieter**; Ringchausee 9, D-03096 Burg (DE).

(74) **ZINKEN-SOMMER, Rainer**; VEAG Vereinigte Energiewerke AG, Patent-/Lizenzwesen, Allee der Kosmonauten 29, D-12681 Berlin (DE).

(81) BG CZ DE HU PL RO RU SI SK UA 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 98/51635** (13) A1

(21) PCT/FR98/00962

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

(25) fr (26) fr

(31) 97/05925 (32) **14 May/mai 1997 (14.05.1997)** (33) FR

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C04B 16/08 // (C04B 16/08, 20:10)**

(54) ● USE OF HYDROPHOBIC ORGANIC POLYMER PARTICLES FOR MAKING LIGHTWEIGHT-AGGREGATE CONCRETE AND MORTAR

● UTILISATION DE PARTICULES DE POLYMERE ORGANIQUE HYDROPHOBE DANS LA FABRICATION DE BETONS ET MORTIERS ALLEGES

(71, 72) **DE CADIER DE VEAUCE, Charles** [FR/FR]; Château de Verzun, F-03140 Target (FR).

(74) **CLISCI, Serge**; S.A. Fédit-Loriot & 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).

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(21) PCT/US98/10091

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

(25) en (26) en

(31) 60/046,596 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C04B 18/04**

(54) ● METHOD FOR TREATMENT OF DREDGED MATERIALS TO FORM A STRUCTURAL FILL

● PROCEDE DE TRAITEMENT DE DEBLAIS DE DRAGAGE POUR FORMER UN REMBLAI

(71) **ECDC EAST, LC** [US/US]; Suite 675, 127 South 500 East, Salt Lake City, UT 84102 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **STUDER, Richie** [US/US]; Suite 240, 4570 Westgrove Drive, Addison, TX 75248 (US).

(74) **WARREN, Sandford, E., Jr.** et al. / etc.; Warren & Perez, Suite 500, 4311 Oak Lawn Avenue, Dallas, TX 75219 (US).

(81) 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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(31) 97/06010 (32) **12 May/mai 1997 (12.05.1997)** (33) FR

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C04B 24/00, 28/02, E04F 15/12 // C04B 111/62**

(54) ● SELF-LEVELLING CEMENT BASED COMPOSITION

● COMPOSITION AUTONIVELANTE A BASE DE CIMENT

(71) **LAFARGE S.A.** [FR/FR]; 61, rue des Belles Feuilles, Boîte postale 40, F-75782 Paris Cedex 16 (FR).

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(72, 75) **GUERINET, Jean-Paul** [FR/FR]; 149, boulevard des Etats-Unis, F-60200 Compiègne (FR). **MOSQUET, Martin** [FR/FR]; 6, allée du Clos de l'Ardoise, F-45300 Dandonville (FR). **BOSC, François** [FR/FR]; 91C, allée des Sablons, F-77190 Dammarie-les-Lys (FR). **CHAPPUIS, Jacques** [FR/FR]; La Côte, Chemin de Charamel, F-38290 Frontonas (FR).

(74) **TILLOY, Anne-Marie** et al. / etc.; Ixas Conseil, 15, rue Emile Zola, F-69002 Lyon (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 98/51638** (13) A1

(21) PCT/FR98/00939

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(25) fr (26) fr

(31) 97/05781 (32) **12 May/mai 1997 (12.05.1997)** (33) FR

(31) 97/10094 (32) **6 Aug/août 1997 (06.08.1997)** (33) FR

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C04B 24/00, 28/02, E04F 15/12 // (C04B 28/02, 24:00, 24:38, 40:00), 111:62**

(54) ● SELF-LEVELLING CONCRETE AND METHOD FOR MAKING A STRUCTURAL PART

● BETON AUTONIVELANT ET PROCEDE DE FABRICATION D'UNE PIECE DE CONSTRUCTION

(71) **LAFARGE** [FR/FR]; 61, rue des Belles Feuilles, Boîte postale 40, F-75782 Paris Cedex 16 (FR).

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

(72, 75) **LEVY, Christophe** [FR/FR]; 15, rue Gustave Caillebotte, F-78400 Chatou (FR). **GARCIA, Rémy** [FR/FR]; 6, square des Grands Champs, F-77240 Cesson (FR).

(74) **PHILIP, Bruno**; Cabinet Harlé & Phélip, 7, rue de Madrid, 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 98/51639** (13) A1

(21) PCT/US98/08758

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/857,851 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C04B 24/16, 38/00, 38/02, 38/10**

(54) ● SOUND ABSORBING CEMENTITIOUS COMPOSITION AND METHOD OF MAKING SAME

● COMPOSITION INSONORISANTE A BASE DE CIMENT ET SON PROCEDE DE FABRICATION

(71, 72) **CORNWELL, Charles, E.** [US/US]; 5902 Mount Eagle Drive #1614, Alexandria, VA 22303 (US).

(74) **BREINER, Mary, J.** et al. / etc.; Breiner & Breiner, 115 North Henry Street, P.O. Box 19290, Alexandria, VA 22320-0290 (US).

(81) AU CA CN GB JP KR.

(11) **WO 98/51640** (13) A1

(21) PCT/IB98/00974

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

(25) en (26) en

(31) 60/046,617 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C04B 24/26**

(54) ● A CEMENTITIOUS MIXTURE CONTAINING HIGH POZZOLAN CEMENT REPLACEMENT AND COMPATIBILIZING ADMIXTURES THEREFOR

● MELANGE A BASE DE CIMENT CONTENANT UN CIMENT DE REMPLACEMENT A HAUTE TENEUR EN POZZOLANES ET DES ADJUVANTS COMPATIBLES

(71) **MBT HOLDING AG** [CH/CH]; Vulkanstrasse 110, CH-8048 Zurich (CH).

(72) **MOREAU, John**; 325 Huntsford Drive, Macedonia, OH 44056 (US). **LU, Runhai**; 4186 Americana Drive #204, Cuyahoga Falls, OH 44224 (US). **BURY, Jeffrey, R.**; 873 Iroquois Trail, Macedonia, OH 44056 (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 98/51641** (13) A1

(21) PCT/US98/08674

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/854,893 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C04B 33/32, 35/03, 35/80**

(54) ● CERAMIC MATRIX COMPOSITE TURBO-CHARGER HOUSING

● CARTER DE TURBOCOMPRESSEUR EN MATERIAU COMPOSITE A MATRICE CERAMIQUE

(71) **NORTHROP GRUMMAN CORPORATION** [US/US]; 1840 Century Park East, Los Angeles, CA 90067-2199 (US).

(72) **STRASSER, Thomas, E.**; 2593 Independence Way, Corona, CA 91720 (US). **ATMUR, Steven, D.**; 3350 May Court, Riverside, CA 92503 (US).

(74) **ANDERSON, Terry, J.**; Northrop Grumman Corporation, 1840 Century Park East, Los Angeles, CA 90067-2199 (US) et al. / etc.

(81) AU BG BR CA CN CZ EE HU IL JP KR LT LV MX PL RO RU SG SK UA VN; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/51642** (13) A1

(21) PCT/NL98/00268

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 1006068 (32) **16 May/mai 1997 (16.05.1997)** (33) NL

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C04B 41/48, 26/06, B44F 9/04, E04F 13/02**

(54) ● PROCESS FOR COATING A SURFACE WITH A LAYER CONTAINING A STONE PATTERN

● PROCEDE DE REVETEMENT D'UNE SURFACE AVEC UNE COUCHE CONTENANT UNE COMPOSITION DE PIERRE

(71, 72) **VAN TROOST, Ronny, Oscar, Henri** [NL/NL]; Pendersstraat 35, NL-6343 BA Klimmen (NL).

(74) **DORRESTIJN, Antoon**; Octrooibureau 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 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 98/51643** (13) A1

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(31) 08/855,480 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C05F 17/02**

- (54) ● CONTINUOUS COMPOSTER HAVING SELF-CONTAINED AERATION ZONES
- COMPOSTEUR CONTINU A ZONES D'AERATION AUTONOMES
- (71, 72) **WRIGHT, James** [CA/CA]; 511 Woodland Acres Crescent, R.R.#2, Maple, Ontario L6A 1G2 (CA).
- (74) **PARSONS, Jane**; Jane Parsons & Associates, 20414 McCowan Road, Mount Albert, Ontario L0G 1M0 (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 98/51644** (13) A1

(21) PCT/NL98/00264

(22) **12 May/mai 1998 (12.05.1998)**

(25) nl (26) en

(31) 1006072 (32) **16 May/mai 1997 (16.05.1997)** (33) NL

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C05F 17/02**

- (54) ● A FERMENTER FOR FERMENTING ANIMAL MANURE UNDER AEROBIC CONDITIONS, A DEVICE AND A METHOD FOR FERMENTING ANIMAL MANURE UNDER AEROBIC CONDITIONS, USING SUCH A FERMENTER
- FERMENTEUR POUR FERMENTER DE L'ENGRAIS ORGANIQUE DANS DES CONDITIONS AEROBIES, DISPOSITIF ET PROCEDE METTANT EN OEUVRE LEDIT FERMENTEUR POUR FERMENTER DE L'ENGRAIS ORGANIQUE DANS DES CONDITIONS AEROBIES

(71, 72) **JACOBS, Johannes, Joseph** [NL/NL]; 1e Maasveldstraat 37, NL-5921 JL Venlo (NL).

(74) **VAN KAN, J., J., H.**; Algemeen Octrooibureau, World Trade Center, Past. Petersstraat 160, NL-5612 LV Eindhoven (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).

(11) **WO 98/51645** (13) A1

(21) PCT/AU98/00353

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

(25) en (26) en

(31) PO 6792 (32) **15 May/mai 1997 (15.05.1997)** (33) AU

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C06B 45/00, 47/00, 47/14, 23/00**

- (54) ● RHEOLOGY MODIFICATION AND MODIFIERS
- MODIFICATION ET MODIFICATEURS DE RHEOLOGIE

(71) **ORICA AUSTRALIA PTY. LTD.** [AU/AU]; 1 Nicholson Street, Melbourne, VIC 3000 (AU).

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(72, 75) **BIGGS, Simon, Richard** [AU/AU]; 6 Alfred Street, Newcastle, NSW 2300 (AU). **CLEARY, Jennifer, Liane** [AU/AU]; 8 Dunlop Close, Rankin Park, NSW 2287 (AU). **PALMER, Anthony, Martin** [AU/AU]; 33 King Street, Hillsborough, NSW 2290 (AU). **SMITH, Jeremy, Guy, Breakwell** [GB/AU]; 29 Croft Road, Eleebana, NSW 2282 (AU).

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

(11) **WO 98/51646** (13) A1

(21) PCT/EP98/02628

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

(25) en (26) en

(31) MI97A001108 (32) **13 May/mai 1997 (13.05.1997)** (33) IT

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07B 63/00**

- (54) ● PROCESS FOR THE REMOVAL OF HEAVY METALS
- PROCEDE DESTINE A ENLEVER DES METAUX LOURDS

(71) **ZAMBON GROUP S.P.A.** [IT/IT]; Via della Chimitica, 9, I-36100 Vicenza (IT).

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(72, 75) **VILLA, Marco** [IT/IT]; Viale Lunigiana, 10, I-20125 Milano (IT). **CANNATA, Vincenzo** [IT/IT]; Via Annibale Clò, 12, I-40037 Sasso Marconi (IT). **ROSI, Alessandro** [IT/IT]; Via Massarenti, 25, I-50032 Borgo S. Lorenzo (IT). **ALLEGRI, Pietro** [IT/IT]; Via S. Chiara, 27, I-36045 Lonigo (IT).

(74) **LONGONI, Alessandra**; Zambon Group S.p.A., Corporate Patents & Trademarks Dept., Via Lillo del Duca, 10, I-20091 Bresso (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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(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) MI97A001107 (32) **13 May/mai 1997 (13.05.1997)** (33) IT

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07B 63/02**

- (54) ● METHOD FOR REMOVING HEAVY METALS FROM ORGANIC COMPOUNDS
- PROCEDE PERMETTANT D'ELIMINER DES METAUX LOURDS CONTENUS DANS DES COMPOSES ORGANIQUES

(71) **ZAMBON GROUP S.P.A.** [IT/IT]; Via della Chimitica, 9, I-36100 Vicenza (IT).

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(72, 75) **FANTUCCI, Mario** [IT/IT]; Via Valparaiso, 7/A, I-20144 Milano (IT).

(74) **LONGONI, Alessandra**; Zambon Group S.p.A., Corporate Patents and Trademarks Dept., Via Lillo del Duca, 10, I-20091 Bresso (IT).

(81) CA IL 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/US98/05522

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 08/854,731 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07C 1/00, 2/64, 5/00, 5/03, 7/163, C10G 45/00, 1/00, B01D 3/34**

- (54) ● PROCESS FOR THE ALKYLATION OF BENZENE
- PROCEDE D'ALKYLATION DU BENZENE

(71) **CATALYTIC DISTILLATION TECHNOLOGIES** [US/US]; 10100 Bay Area Boulevard, Pasadena, TX 77507 (US).

(72) **HEARN, Dennis**; 10100 Bay Area Boulevard, Pasadena, TX 77507 (US). **ARGANBRIGHT, Robert, P.**; 10100 Bay Area Boulevard, Pasadena, TX 77507 (US). **SMITH, Lawrence, A., Jr.**; 10100 Bay Area Boulevard, Pasadena, TX 77507 (US). **ADAMS, John, R.**; 10100 Bay Area Boulevard, Pasadena, TX 77507 (US).

(74) **JOHNSON, Kenneth, H.**; P.O. Box 630708, Houston, TX 77263 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51649** (13) A1

(21) PCT/JP98/02156

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

(25) ja (26) ja

(31) 9/125905 (32) **15 May/mai 1997 (15.05.1997)** (33) JP

(31) 9/145891 (32) **20 May/mai 1997 (20.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07C 19/08, 23/02, B05D 7/24, C08J 3/09, C09D 5/00**

- (54) ● FLUORINATED, SATURATED HYDROCARBONS, COMPOSITIONS THEREOF, POLYMER-CONTAINING FLUID, AND METHOD OF FORMING POLYMER FILM
- HYDROCARBURES FLUORES SATURES, COMPOSITIONS DE CES PRODUITS, FLUIDE A BASE DE POLYMERE, ET PROCEDE DE FABRICATION DE FEUILLE POLYMERE
- (71) **NIPPON ZEON CO., LTD.** [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
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- (72, 75) **YAMADA, Toshiro** [JP/JP]; Research & Development Center of Nippon Zeon Co., Ltd., 2-1, Yako 1-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0863 (JP). **URUMA, Takashi** [JP/JP]; Research & Development Center of Nippon Zeon Co., Ltd., 2-1, Yako 1-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0863 (JP). **GOTO, Kuniaki** [JP/JP]; Nippon Zeon Co., Ltd., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
- (74) **NISHIZAWA, Toshio**; 6F, Mani-Building, 37-10, Udagawa-cho, Shibuya-ku, Tokyo 150-0042 (JP).
- (81) KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/51650** (13) A1
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- (31) 9/125906 (32) **15 May/mai 1997 (15.05.1997)** (33) JP
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **C07C 19/08, 23/02, C10M 107/38, 147/02, C11D 7/50, C09K 3/00, 5/04**
- (54) ● FLUORINATED, SATURATED HYDROCARBONS
- HYDROCARBURES FLUORES SATURES
- (71) **JAPAN as represented by DIRECTOR GENERAL OF AGENCY OF INDUSTRIAL SCIENCE AND TECHNOLOGY** [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-0013 (JP). **NIPPON ZEON CO., LTD.** [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
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- (72, 75) **SEKIYA, Akira** [JP/JP]; National Institute of Materials and Chemical Research of Agency of Industrial Science and Technology, 1, Higashi 1-chome, Tsukuba-shi, Ibaraki 305-8565 (JP). **YAMADA, Toshiro** [JP/JP]; Research & Development Center of Nippon Zeon Co., Ltd., 2-1, Yako 1-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0863 (JP). **URUMA, Takashi** [JP/JP]; Research & Development Center of Nippon Zeon Co., Ltd., 2-1, Yako 1-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0863 (JP). **SUGIMOTO, Tatsuya** [JP/JP]; Research & Development Center of Nippon Zeon Co., Ltd., 2-1, Yako 1-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0863 (JP).
- (74) **NISHIZAWA, Toshio**; 6F, Mani-Building, 37-10, Udagawa-cho, Shibuya-ku, Tokyo 150-0042 (JP).
- (81) KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/51651** (13) A1
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- (31) 9/127591 (32) **16 May/mai 1997 (16.05.1997)** (33) JP
- (31) 9/145891 (32) **20 May/mai 1997 (20.05.1997)** (33) JP
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **C07C 19/08, 23/08, C11D 7/50, 7/30, B08B 3/08, C23G 5/028, B05D 7/24, C09D 5/00**
- (54) ● FLUORINATED HYDROCARBONS, DETERGENTS, DETERGING METHOD, POLYMER-CONTAINING FLUIDS, AND METHOD OF FORMING POLYMER FILMS
- HYDROCARBURES FLUORES, DETERGENTS, PROCEDE DETERGENT, FLUIDES A BASE DE POLYMERES ET PROCEDE DE FORMATION DE FILMS POLYMERES
- (71) **NIPPON ZEON CO., LTD.** [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YAMADA, Toshiro** [JP/JP]; Research & Development Center of Nippon Zeon Co., Ltd., 2-1, Yako 1-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0863 (JP). **GOTO, Kuniaki** [JP/JP]; Nippon Zeon Co., Ltd., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **SUGIMOTO, Tatsuya** [JP/JP]; Research & Development Center of Nippon Zeon Co., Ltd., 2-1, Yako 1-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0863 (JP).
- (74) **NISHIZAWA, Toshio**; 6F, Mani-Building, 37-10, Udagawa-cho, Shibuya-ku, Tokyo 150-0042 (JP).
- (81) KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/51652** (13) A1
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- (22) **11 May/mai 1998 (11.05.1998)**
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- (31) P 97 00893 (32) **14 May/mai 1997 (14.05.1997)** (33) HU
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **C07C 43/215, A01N 31/16**
- (54) ● PESTICIDE COMPOUNDS, COMPOSITIONS AND PROCESS FOR THE PREPARATION THEREOF
- COMPOSES PESTICIDES, COMPOSITIONS ET PROCEDE DE PREPARATION
- (71) **CHINOIN GYÓGYSZER ÉS VEGYÉSZETI** [HU/HU]; Termékek Gyára Rt., Tó u. 1-5, H-1045 Budapest (HU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ÁRVAL, Géza** [HU/HU]; Róbert Károly krt. 20, H-1138 Budapest (HU). **BAKONYVÁRI, Ildikó** [HU/HU]; Perényi Zsigmond u. 55, H-1047 Budapest (HU). **BERTÓK, Béla** [HU/HU]; Rizling u. 16, H-1223 Budapest (HU). **KURUCZNÉ RIBAI, Zsuzsanna** [HU/HU]; Emőke u. 1/b, H-2030 Érd (HU). **PAP, László** [HU/HU]; Gyöngyvirág u. 23, H-2030 Érd (HU). **SZÉKÉLY, István** [HU/HU]; Krajcár u. 6, H-2120 Dunakeszi (HU).
- (74) **CHINOIN GYÓGYSZER ÉS VEGYÉSZETI**; Termékek Gyára Rt., Iparjog, Tó u. 1-5, H-1045 Budapest (HU).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 98/51653** (13) A1
- (21) PCT/JP98/02136
- (22) **14 May/mai 1998 (14.05.1998)**
- (25) ja (26) ja
- (31) 9/141064 (32) **15 May/mai 1997 (15.05.1997)** (33) JP
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **C07C 43/225, 41/22**
- (54) ● PROCESS FOR PRODUCING 2-BROMO-5-METHOXYBENZYL BROMIDE
- PROCEDE DE PRODUCTION DE BROMURE DE 2-BROMO-5-METHOXYBENZYLE
- (71) **BANYU PHARMACEUTICAL CO., LTD.** [JP/JP]; 2-3, Nihombashi Honcho 2-chome, Chuo-ku, Tokyo 103 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HIRAMATSU, Muneyo** [JP/JP]; Banyu Pharmaceutical Co., Ltd. Okazaki Site, 9-1, Kamimutuna 3-chome, Okazaki-shi, Aichi 444 (JP). **MANO, Eiichi** [JP/JP]; Banyu Pharmaceutical Co., Ltd. Okazaki Site, 9-1, Kamimutuna 3-chome, Okazaki-shi, Aichi 444 (JP). **OKADA, Shigemitsu** [JP/JP]; Banyu Pharmaceutical Co., Ltd. Okazaki Site, 9-1, Kamimutuna 3-chome, Okazaki-shi, Aichi 444 (JP). **USHIJIMA, Ryosuke** [JP/JP]; Banyu Pharmaceutical Co., Ltd. Okazaki Site, 9-1, Kamimutuna 3-chome, Okazaki-shi, Aichi 444 (JP). **ISHIKAWA, Kiyofumi** [JP/JP]; Banyu Pharmaceutical Co., Ltd. Development Research Laboratory, 810, Ooza Saijoui, Menuma-cho, Oh-sato-gun, Saitama 360-02 (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 98/51654** (13) A1
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- (22) **14 May/mai 1997 (14.05.1997)**
- (25) en (26) en
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **C07C 51/235, 51/255, C07B 33/00, C07C 63/68**
- (54) ● CATALYTIC OXIDATIVE PROCESS FOR PREPARING CARBOXYLIC ACIDS FROM ALCOHOLS OR ALDEHYDES
- PROCEDE D'OXYDATION CATALYTIQUE PERMETTANT DE PREPARER DES ACIDES CARBOXYLIQUES A PARTIR D'ALCOOLS OU D'ALDEHYDES
- (71) **ZENCA LIMITED** [GB/GB]; 15 Stanhope Gate, London W1Y 6LN (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **URCH, Christopher, John** [GB/GB]; Jealott's Hill Research Station, Bracknell, Berkshire RG42 6ET (GB). **BROWN, Stephen, Martin** [GB/GB]; Huddersfield Works, Leeds Road, P.O. Box A38, Huddersfield, West Yorkshire HD2 1FF (GB). **MARKO, Istvan, Etienne** [BE/BE]; Université Catholique de Louvain, Dept. de Chimie Organique, Bâtiment Lavoisier C3, Place Louis Pasteur 1, B-1348 Louvain la Neuve (BE). **GILES, Paul, Richard** [GB/GB]; 26 Bridgnorth Road, Himley, Dudley, West Midlands DY3 4JL (GB). **TUSKAZAKI, Masao** [JP/JP]; 248-2, Higashitakei, Oaza, Usa-shi, Oita-ken 879-03 (JP).

(74) **TIERNEY, Francis, John** et al. / etc.; Zeneca Agrochemicals, Intellectual Property Dept., Jealott's Hill Research Station, P.O. Box 3538, Bracknell, Berkshire RG42 6YA (GB).

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

(11) **WO 98/51655** (13) A1

(21) PCT/US98/09862

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

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(31) 60/047,011 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07C 61/08, 61/09, 61/12, 61/22, 61/28, 61/30, 255/00, C07F 9/02, 9/22, 9/28**

(54) ● EXCITATORY AMINO ACID RECEPTOR MODULATORS

● MODULATEURS DE RECEPTEUR D'ACIDES AMINES EXCITATEURS

(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) **MASSEY, Steven, Marc** [US/US]; 3525 Waterstone Court, Indianapolis, IN 46268 (US). **MONN, James, Allen** [US/US]; 7518 Allenwood Court, Indianapolis, IN 46268 (US). **VALLI, Matthew, John** [US/US]; 812 Eaglewood Drive, Zionsville, IN 46077 (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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(31) 9/137706 (32) **12 May/mai 1997 (12.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07C 67/56, 69/587, C12P 7/64 // A23L 1/30, (C12P 7/64, C12R 1:645)**

(54) ● METHOD FOR THE SEPARATION AND PURIFICATION OF POLYUNSATURATED FATTY ACID ESTERS

● PROCEDE DE SEPARATION ET DE PURIFICATION D'ESTERS D'ACIDES GRAS POLYINSATURES

(71) **YMC CO., LTD.** [JP/JP]; 284, Daigocho, Nishiiru, Gojyo-karasuma, Shimogyo-ku, Kyoto-shi, Kyoto 600-8418 (JP). **SUNTORY LTD.** [JP/JP]; 1-40, Dojimahama 2-chome, Kita-ku, Osaka-shi, Osaka 530-0004 (JP). **NAGASE BIOCHEMICAL LTD.** [JP/JP]; 52, Osadanochi 1-chome, Fuchiyama-shi, Kyoto 620-0853 (JP). **NAGASE & CO., LTD.** [JP/JP]; 1-17, Shinmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0013 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMAMURA, Ryuji** [JP/JP]; YMC Co., Ltd., 69-1, Shin'arami, Tai, Kumiyamacho, Kuze-gun, Kyoto 613-0036 (JP). **SHIMOMURA, Yasushi** [JP/JP]; YMC Co., Ltd., 28, Kokufudai 5-chome, Komatsu-shi, Ishikawa-ken 923-0061 (JP). **SOGO, Tsutomu** [JP/JP]; 2-9, Mikatadai 7-chome, Nishi-ku, Kobe-shi, Hyogo 651-2277 (JP). **TANAKA, Satoshiro** [JP/JP]; Nagase Biochemical Ltd., 52, Osadanochi 1-chome, Fuchiyama-shi, Kyoto 620-0853 (JP). **YAGUCHI, Toshiaki** [JP/JP]; Suntory Ltd. Research Center, 1-1, Wakayamadai 1-chome, Shimamotocho, Mishima-gun, Osaka 618-0024 (JP).

(74) **YAMAMOTO, Shusaku**; Fifteenth floor, Crystal Tower, 2-27, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-6015 (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 98/51657** (13) A1

(21) PCT/US98/09635

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 60/046,251 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07C 69/34**

(54) ● PROCESSES FOR PRODUCING CITRATE ESTERS

● PROCEDES DE PRODUCTION D'ESTERS DE CITRATE

(71) **REILLY INDUSTRIES, INC.** [US/US]; Suite 1500, 300 N. Meridian Street, Indianapolis, IN 46204 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRAPPIER, Edward, P.** [US/US]; 1770 Chelsea Place, Kernersville, NC 27284 (US). **DAVIS, James, E.** [US/US]; 927 Benfield Drive, Greensboro, NC 27410 (US). **GRENDZE, Martin** [US/US]; 9017 Black Hawk Lane, Indianapolis, IN 46234 (US). **SCRIVEN, Eric, F., V.** [US/US]; 515 Lazy Lane, Greenwood, IN 46142 (US). **WYETH, John, T.** [US/US]; 6052 Westlake North Drive #B, Indianapolis, IN 46224 (US). **CHIU, Kuen-Wai** [US/US]; 3801 Kenwood Court, Greensboro, NC 27410 (US).

(74) **MCNETT, John, C.** 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 98/51658** (13) A1

(21) PCT/JP98/01521

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

(25) ja (26) ja

(31) 9/124298 (32) **14 May/mai 1997 (14.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07C 69/675, 67/00, C07F 7/18**

(54) ● OPTICALLY ACTIVE β -HYDROXY- α -BROMO- α -FLUORO CARBOXYLIC ACID ESTER. PROCESS FOR CATALYTIC ASYMMETRIC SYNTHESIS THEREOF, 2-BROMO-2-FLUOROKETENE SILYL ACETAL, AND PROCESS FOR PRODUCING THE SAME

● ESTER D'ACIDE β -HYDROXY- α -BROMO- α -FLUOROCARBOXYLIQUE A EFFET OPTIQUE. PROCEDE PERMETTANT D'EN FAIRE UNE SYNTHESE ASYMETRIQUE CATALYTIQUE, 2-BROMO-2-FLUOROCETENE SILEYLE ACETAL ET PROCEDE DE PREPARATION CORRESPONDANT

(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) **ISEKI, Katsuhiko** [JP/JP]; MEC Laboratory of Daikin Industries Ltd., Miyukigaoka 3-banchi, Tsukuba-shi, Ibaraki 305-0841 (JP). **KUROKI, Katsuchika** [JP/JP]; MEC Laboratory of Daikin Industries Ltd., Miyukigaoka 3-banchi, Tsukuba-shi, Ibaraki 305-0841 (JP). **KOBAYASHI, Yoshio** [JP/JP]; 11-1009, Udagawa-cho 6-chome, Shibuya-ku, Tokyo 150-0042 (JP).

(74) **OSAKA, Hiromu**; Fine Building, 4-11, Shibazaki-cho 2-chome, Tachikawa-shi, Tokyo 190-0023 (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 98/51659** (13) A1

(21) PCT/EP98/02453

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) en (26) en

(31) 08/854,278 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07C 69/88, 67/31, 67/28, 69/63, 67/08, 67/11**

(54) ● SALICYLOXY α -CARBOXY ACIDS AND PREPARATION THEREOF

● ACIDES SALICYLOXY α -CARBOXYLIQUES ET LEUR PREPARATION

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

(72) **DE FLORIO, Victor**; 14 Myrtle Street, Cranford, NJ 07016 (US). **GUERRERO, Angel, Augusto**; 6 Cali Drive, Huntington, CT 06484 (US).

(74) **ROTS, Maria, Johanna, Francisca**; 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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(31) 08/855,378 (32) **13 May/mai 1997 (13.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C07C 211/00**
(54) ● METHODS AND COMPOSITIONS FOR THE SELECTIVE MODIFICATION OF NUCLEIC ACIDS
● PROCÉDES ET COMPOSITIONS PERMETTANT UNE MODIFICATION SELECTIVE DES ACIDES NUCLEIQUES
(71) **PENTOSE PHARMACEUTICALS, INC.** [US/US]; 45 Moulton Street, Cambridge, MA 02138 (US).
(72) **BUDOWSKY, Edward, I.**; 80 Pleasant Street #2, Brookline, MA 02146 (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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/51661** (13) A1
(21) PCT/JP98/02113
(22) **13 May/mai 1998 (13.05.1998)**
(25) ja (26) ja
(31) 9/138010 (32) **14 May/mai 1997 (14.05.1997)** (33) JP
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C07C 211/64, G11B 7/24, B41M 5/26**
(54) ● AMINIUM COMPOUNDS AND OPTICAL RECORDING MEDIA CONTAINING THE SAME
● COMPOSES D'AMINIUM ET SUPPORTS D'ENREGISTREMENT OPTIQUE RENFERMANT CES COMPOSES
(71) **NIPPON KAYAKU KABUSHIKI KAISHA** [JP/JP]; 11-2, Fujimi 1-chome, Chiyoda-ku, Tokyo 102-8172 (JP).
(72, 75) **ONISHI, Masao** [JP/JP]; 6-11-15, Kami-ochiai, Yono-shi, Saitama 338-0001 (JP). **KIYOYANAGI, Tadayuki** [JP/JP]; 3-33-5, Shimo, Kita-ku, Tokyo 115-0042 (JP).
(74) **KAWAGUCHI, Yoshio** et al. / etc.; Yamada Building, 1-14, Shinjuku 1-chome, Shinjuku-ku, Tokyo 160-0022 (JP).
(81) CA DE GB KR US.
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- (11) **WO 98/51662** (13) A2
(21) PCT/US98/09781
(22) **14 May/mai 1998 (14.05.1998)**
(25) en (26) en
(31) 60/047,020 (32) **14 May/mai 1997 (14.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C07C 323/00**
(54) ● COMPOUNDS AND METHODS FOR THE INHIBITION OF THE EXPRESSION OF VCAM-1
● COMPOSES ET METHODES D'INHIBITION DE L'EXPRESSION DE VCAM-1
(71) **ATHEROGENICS, INC.** [US/US]; 3065 Northwoods Circle, Norcross, GA 30071 (US).
(for all designated States except / pour tous les États désignés sauf US)
(71, 72) **MEDFORD, Russell, M.** [US/US]; 7935 Fawndale Way, Atlanta, GA 30350 (US). **SOMERS, Patricia, K.** [US/US]; 1162 Chambord Way, Atlanta, GA 30319 (US). **HOONG, Lee, K.** [US/US]; 412 Ridge Brook Trail, Duluth, GA 30136 (US). **MENG, Charles, Q.** [CA/US]; 3353-L Peachtree Corners Circle, Norcross, GA 30092 (US).
(74) **KNOWLES, Sherry, M.**; King & Spalding, 191 Peachtree Street, Atlanta, GA 30303-1763 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN 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 98/51663** (13) A2
(21) PCT/US98/10221
(22) **15 May/mai 1998 (15.05.1998)**
(25) en (26) en
(31) 60/046,643 (32) **16 May/mai 1997 (16.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C07C 40 /100**
(54) ● 3-EPI COMPOUNDS OF VITAMIN D₃ AND USES THEREOF
● COMPOSES 3-EPI DE VITAMINE D₃ ET LEURS UTILISATIONS
(71) **F. HOFFMANN-LA ROCHE AG** [CH/CH]; Grenzacherstrasse 124, CH-4070 Basel (CH). **WOMEN & INFANT'S HOSPITAL** [US/US]; 101 Dudley Street, Providence, RI 02905 (US).
(72) **REDDY, Satyanarayana, G.**; 3 Jones Circle, Barrington, RI 02806 (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; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/51664** (13) A1
(21) PCT/US98/10063
(22) **15 May/mai 1998 (15.05.1998)**
(25) en (26) en
(31) 60/046,641 (32) **16 May/mai 1997 (16.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C07C 401/00, A61K 31/59**
(54) ● 3-EPI VITAMIN D₂ COMPOUNDS AND USES THEREOF
● COMPOSES DE 3-EPI-VITAMINE D₂ ET UTILISATIONS DESDITS COMPOSES
(71) **WOMEN & INFANT'S HOSPITAL** [US/US]; 101 Dudley Street, Providence, RI 02905 (US).
(72) **REDDY, Satyanarayana, G.**; 3 Jones Circle, Barrington, RI 02806 (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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- Published / Publiée : (c)
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- (11) **WO 98/51665** (13) A2
(21) PCT/US98/09789
(22) **14 May/mai 1998 (14.05.1998)**
(25) en (26) en
(31) 08/856,223 (32) **14 May/mai 1997 (14.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C07D**
(54) ● NOVEL MACROCYCLIC COMPOUNDS AS METALLOPROTEASE INHIBITORS
● NOUVEAUX COMPOSES MACROCYCLIQUES COMME INHIBITEURS DE METALLOPROTEASE
(71) **DUPONT PHARMACEUTICALS COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
(72) **XUE, Chu-Bio**; 11 Rivendell Court, Hockessin, DE 19707 (US). **DECICCO, Carl, P.**; 17 Ridgewood Turn, Newark, DE 19711 (US). **CHERNEY, Robert, J.**; 104 Bridleshire Court, Newark, DE 19711 (US). **ARNER, Elizabeth**; 386 South Jennersville Road, West Grove, PA 19390 (US). **DEGRADO, William, F.**; 502 Bancroft Road, Moylan, PA 19065 (US). **DUAN, Jingwu**; 17 Springbrook Lane, Newark, DE 19711 (US). **HE, Xiaohua**; 12 Old Flint Circle, Hockessin, DE 19707 (US). **JACOBSON, Irina, Cipora**; 3360 Chichester Avenue, Boothwyn, PA 19611 (US). **MAGOLDA, Ronald, L.**; 3 Church Drive, Wallington, PA 19086 (US). **NELSON, David**; 40 Tiverton Circle, Newark, DE 19711 (US).
(74) **KONRAD, Karen, K.**; DuPont Pharmaceuticals Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).
(81) AU BR CA CN CZ EE HU IL JP KR LT LV MX NO NZ PL RO SG SI SK UA 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 98/51666** (13) A2

(21) PCT/GB98/01289

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 9709528.5 (32) **9 May/mai 1997 (09.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07D 203/24, 203/22, 301/02, C07C 13/04**

(54) ● PROCESS FOR THE PREPARATION OF AN OXIRANE, AZIRIDINE OR CYCLOPROPANE

● PROCEDE PERMETTANT DE PREPARER DE L'OXIRANE, DE L'AZIRIDINE ET DU CYCLOPROPANE

(71) **ZENECA LIMITED** [GB/GB]; 15 Stanhope Gate, London W1Y 6LN (GB). **UNIVERSITY OF SHEFFIELD** [GB/GB]; Firth Court, Western Bank, Sheffield S10 2TN (GB).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **STUDLEY, John, Richard** [GB/GB]; 10 Brunstock Beck, Didcot, Oxfordshire OX11 7YF (GB). **AGGARWAL, Varinder, Kumar** [GB/GB]; 4 Beaufort Road, Sheffield S3 7HF (GB).(74) **REVELL, Christopher**; 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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/51667** (13) A1

(21) PCT/JP98/02139

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

(25) ja (26) ja

(31) 9/127059 (32) **16 May/mai 1997 (16.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07D 209/08, 401/06, 409/06, 471/04, 487/04, A61K 31/40, 31/435, 31/44, 31/495**

(54) ● INDOLE DERIVATIVES AND MONO- AND DIAZAINDOLE DERIVATIVES

● DERIVES D'INDOLE ET DERIVES DE MONO- ET DIAZAINDOLE

(71) **CHUGAI SEIYAKU KABUSHIKI KAISHA** [JP/JP]; 5-1, Ukima 5-chome, Kita-ku, Tokyo 115-8543 (JP).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **MATSUOKA, Hiroharu** [JP/JP]; Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1-chome, Gotenba-shi, Shizuoka 412-8513 (JP). **MARUYAMA, Noriaki** [JP/JP]; Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1-chome, Gotenba-shi, Shizuoka 412-8513 (JP). **KASHIWAGI, Hirotaka** [JP/JP]; Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1-chome, Gotenba-shi, Shizuoka 412-8513 (JP).(74) **TSUKUNI, Hajime**; SVAX TS Building, 22-12, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

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

(11) **WO 98/51668** (13) A1

(21) PCT/DK98/00185

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 0553/97 (32) **14 May/mai 1997 (14.05.1997)** (33) DK

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07D 211/28, A61K 31/445**

(54) ● PIPERIDINE DERIVATIVES AS NEURO-TRANSMITTER RE-UPTAKE INHIBITORS

● DERIVES DE LA PIPERIDINE UTILISES COMME INHIBITEURS DU RECAPTAGE DES NEUROTRANSMETTEURS

(71) **NEUROSEARCH A/S** [DK/DK]; Smedeland 26 B, DK-2600 Glostrup (DK).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **MOLDT, Peter** [DK/DK]; NeuroSearch a/s, Smedeland 26 B, DK-2600 Glostrup (DK). **WÄTJEN, Frank** [DK/DK]; NeuroSearch a/s, Smedeland 26 B, DK-2600 Glostrup (DK). **SCHEEL-KRÜGER, Jørgen** [DK/DK]; NeuroSearch a/s, Smedeland 26 B, DK-2600 Glostrup (DK).(74) **NEUROSEARCH A/S**; Smedeland 26 B, DK-2600 Glostrup (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 98/51669** (13) A1

(21) PCT/US98/09750

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

(25) en (26) en

(31) 08/856,568 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07D 213/02, A61K 31/44**

(54) ● PRODRUG FORMS OF RIBONUCLEOTIDE REDUCTASE INHIBITORS 3-AP AND 3-AMP

● FORMES PRECURSEURS DE MEDICAMENTS D'INHIBITEURS 3-AP ET 3-AMP DE REDUCTASE RIBONUCLEOTIDIQUE

(71) **VION PHARMACEUTICALS, INC.** [US/US]; Four Science Park, New Haven, CT 06511 (US).(72) **LI, Jun**; Apartment 184, 365 Mather Street, Hamden, CT 06514 (US). **NIU, Chuan-Sheng**; 248 Mansion Road, Cheshire, CT 06410 (US). **LI, Xiuyan**; 570 Prospect Street #9, New Haven, CT 06511 (US). **DOYLE, Terrence, W.**; 5 Wellsweep Lane, Killingworth, CT 06419 (US). **CHEN, Shu-Hui**; 55 Greenes Ridge Road, Hamden, CT 06514 (US).(74) **COLEMAN, Henry, D.**; Coleman Sudol, LLP, 13th floor, 270 Madison Avenue, New York, NY 10016 (US).

(81) 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 98/51670** (13) A1

(21) PCT/US98/09803

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

(25) en (26) en

(31) 08/856,559 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07D 213/61, 213/73, 213/75**

(54) ● PROCESS FOR THE SYNTHESIS OF RIBONUCLEOTIDE REDUCTASE INHIBITORS 3-AP AND 3-AMP

● PROCEDE DE SYNTHESE D'INHIBITEURS 3-AP ET 3-AMP DE RIBONUCLEOTIDE-REDUCTASE

(71) **VION PHARMACEUTICALS, INC.** [US/US]; Four Science Park, New Haven, CT 06511 (US).(72) **NIU, Chuan-Sheng**; 248 Mansion Road, Cheshire, CT 06410 (US). **LI, Jun**; Apartment 184, 365 Mather Street, Hamden, CT 06514 (US). **LI, Xiuyan**; 570 Prospect Street #9, New Haven, CT 06511 (US). **DOYLE, Terrence, W.**; 5 Wellsweep Lane, Killingworth, CT 06419 (US). **CHEN, Shu-Hui**; 55 Greenes Ridge Road, Hamden, CT 06514 (US).(74) **COLEMAN, Henry, D.**; Coleman Sudol, LLP, 13th floor, 270 Madison Avenue, New York, NY 10016 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51671** (13) A1

(21) PCT/EP98/02584

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

(25) en (26) en

(31) 9709303.3 (32) **9 May/mai 1997 (09.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07D 217/04, 401/12, A61K 31/47**

(54) ● SUBSTITUTED TETRAHYDROISOQUINOLINE DERIVATIVES AS MODULATORS OF DOPAMINE D3 RECEPTORS

● DERIVES DE TETRAHYDROISOQUINO-LEINE DERIVES SUBSTITUES SERVANT DE MODULATEURS DE RECEPTEURS DE LA DOPAMINE D3

(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) **JOHNSON, Christopher, Norbert** [GB/GB]; SmithKline Beecham Pharmaceuticals, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). **STEMP, Geoffrey** [GB/GB]; SmithKline Beecham Pharmaceuticals, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).

(74) **GARRETT, Michael**; 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).

(11) **WO 98/51672** (13) A2

(21) PCT/FI98/00602

(22) **22 Jul/juillet 1998 (22.07.1998)**

(25) en (26) en

(31) 08/909,823 (32) **12 Aug/août 1997 (12.08.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07D 217/04, C07C 309/20**

(54) ● A METHOD FOR THE PREPARATION OF TERTIARY AMINES, A COMPOUND USEFUL THEREFOR AND ALPHA-2-RECEPTOR ACTIVE TETRAHYDROISOQUINOLINE DERIVATIVES

● PROCÉDES DE PRÉPARATION D'AMINES TERTIAIRES, COMPOSE UTILISE A CET EFFET, ET DERIVES DE TETRAHYDROISOQUINOLEINE ACTIFS COMME ALPHA-2-RECEPTEURS

(71) **OY JUVANTIA PHARMA LTD.** [FI/FI]; Tykistökatu 6 A, FIN-20520 Turku (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HEINONEN, Petri** [FI/FI]; Ursininkatu 7 b A 15, FIN-20100 Turku (FI). **COCKCROFT, Victor** [GB/FI]; Yliopistonkatu 5 A 9, FIN-20101 Turku (FI). **LÖNNBERG, Harri** [FI/FI]; Vajankatu 3, FIN-20750 Turku (FI). **SAVOLA, Juha-Matti** [FI/FI]; Siutlankatu 8, FIN-20380 Turku (FI).

(74) **TURUN PATENTTI-OY**; P.O. Box 99, FIN-20521 Turku (FI).

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

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(11) **WO 98/51673** (13) A1

(21) PCT/GB98/01208

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 9709317.3 (32) **9 May/mai 1997 (09.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07D 233/54, A01N 43/50, 43/36, C07D 207/32, 405/04, 413/10, 413/14**

(54) ● NOVEL IMIDAZOLE AND PYRROLE DERIVATIVES USEFUL AS FUNGICIDES

● NOUVEAUX DERIVES DE L'IMIDAZOLE ET DU PYRROLE UTILES COMME FONGICIDES

(71) **AGREVO UK LIMITED** [GB/GB]; Hauxton, Cambridge CB2 5HU (GB).

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

(72, 75) **EARNSHAW, Christopher, Geoffrey** [GB/GB]; (GB). **HOUGH, Thomas, Lawley** [GB/GB]; (GB). **MITCHELL, Dale, Robert** [GB/GB]; Chesterford Park, Saffron Walden, Essex CB10 1XL (GB).

(74) **WALDMAN, Ralph, David**; AgrEvo UK Limited, Patent Dept., Chesterford Park, Saffron Walden, Essex CB10 1XL (GB).

(81) AU BR CA CN CZ HU ID IL JP KR MX PL RO RU TR UA 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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(11) **WO 98/51674** (13) A1

(21) PCT/EP98/02432

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

(25) de (26) de

(31) 197 19 590.3 (32) **9 May/mai 1997 (09.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07D 239/42, 213/74, 405/12, 409/12, A01N 43/40, 43/54**

(54) ● SUBSTITUTED HETEROCYCLIC NITROGENS, METHODS FOR PRODUCING SAME AND THEIR USE AS PEST CONTROL AGENT

● HETEROCYCLES D'AZOTE SUBSTITUES, PROCÉDES PERMETTANT DE LES PRÉPARER ET LEUR UTILISATION COMME AGENTS DE LUTTE CONTRE LES PARASITES

(71) **HOECHST SCHERING AGREVO GMBH** [DE/DE]; Mirastrasse 54, D-13509 Berlin (DE).

(72) **BRAUN, Ralf**; Lindenstrasse 3, D-64572 Büttelborn (DE). **JAKOBI, Harald**; Großer Hasenpfad 80, D-60598 Frankfurt (DE). **SCHAPER, Wolfgang**; Kapellenweg 5c, D-86420 Diedorf (DE). **KRAUTSTRUNK, Gerhard**; Ludwig-Scriba-Strasse 1, D-65929 Frankfurt (DE). **MÄRKL, Martin**; Glauburgstrasse 85, D-60318 Frankfurt (DE). **STARK, Herbert**; Gimbacher Tann 15, D-65779 Kelkheim (DE). **ORT, Oswald**; Eppenhainer Strasse 14, D-61479 Glashütten (DE). **SANFT, Ulrich**; Burlachin Strasse 8, D-65719 Hofheim (DE). **THÖNESSEN, Maria-Theresia**; Frauenlobstrasse 10, D-55262 Heidesheim (DE). **KERN, Manfred**; Traminerweg 8, D-55296 Lörzweiler (DE). **BONIN, Werner**; Im Schulzehneten 18, D-65779 Kelkheim (DE).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE 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).

Published / Publiée : (c)

(11) **WO 98/51675** (13) A1

(21) PCT/JP98/02124

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

(25) ja (26) ja

(31) 9/125294 (32) **15 May/mai 1997 (15.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07D 239/47, A01N 43/54**

(54) ● ANILINOPYRIMIDINONE DERIVATIVES, PROCESSES FOR PRODUCING THE SAME, AND INSECTICIDAL/ACARICIDAL AGENTS CONTAINING THE SAME AS ACTIVE INGREDIENT

● DERIVES DE L'ANILINOPYRIMIDINONE, LEUR PROCEDE DE PRODUCTION, ET INSECTICIDES/ACARICIDES DONT ILS CONSTITUENT LE PRINCIPE ACTIF

(71) **SAGAMI CHEMICAL RESEARCH CENTER** [JP/JP]; 4-1, Nishi-Ohnuma 4-chome, Sagami-hara-shi, Kanagawa 229-0012 (JP). **MITSUBISHI CHEMICAL CORPORATION** [JP/JP]; 5-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

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

(72, 75) **HIRAI, Kenji** [JP/JP]; 1-15-1, Sagamidai, Sagami-hara-shi, Kanagawa 228-0821 (JP). **YOSHI-ZAWA, Takeshi** [JP/JP]; 4-4-1, Nishi-Ohnuma, Sagami-hara-shi, Kanagawa 229-0012 (JP). **ITOH, Sachiko** [JP/JP]; 2-21-8, Nakamachi, Machida-shi, Tokyo 194-0021 (JP). **OKANO, Natsuko** [JP/JP]; 2-19-15, Chuourinkan, Yamato-shi, Kanagawa 242-0007 (JP). **NAGATA, Yuriko** [JP/JP]; 1-14-14, Shibokuhoncho, Miyamae-ku, Kawasaki-shi, Kanagawa 216-0031 (JP). **OTA, Chikako** [JP/JP]; Mitsubishi Chemical Corporation Yokohama Research Center, 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-8502 (JP). **FUKUCHI, Toshiaki** [JP/JP]; Mitsubishi Chemical Corporation Yokohama Research Center, 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-8502 (JP). **YOSHIYA, Keiko** [JP/JP]; Mitsubishi Chemical Corporation Yokohama Research Center, 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-8502 (JP).

(81) AU BR CA CN IL JP KR MX NZ 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 98/51676** (13) A1

(21) PCT/US98/08888

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 60/046,713 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(31) 9711599.2 (32) **5 Jun/juin 1997 (05.06.1997)** (33) GB

(31) 60/057,884 (32) **3 Sep/sep 1997 (03.09.1997)** (33) US

(31) 9727129.0 (32) **22 Dec/déc 1997 (22.12.1997)** (33) GB

(31) 60/083,525 (32) **29 Apr/avr 1998 (29.04.1998)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07D 265/18**

(54) ● EFFICIENT ENANTIOSELECTIVE ADDITION REACTION USING AN ORGANOZINC REAGENT

● REACTION D'ADDITION ENANTIOSELECTIVE EFFICACE A REACTIF DE TYPE COMPLEXE ORGANATE-ZINC

(71) **MERCK & CO., INC.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).
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(72, 75) **CHEN, Cheng, Yi** [CN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). **TILLYER,**

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(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).

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(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 60/046,357 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(31) 9806023.9 (32) **20 Mar/mar 1998 (20.03.1998)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07D 275/06, C07C 311/16, 311/29, C07F 1/02**

(54) ● PROCESS FOR SYNTHESIZING CARBAPE-NEM INTERMEDIATES

● PROCEDE DE SYNTHÈSE POUR COMPOSER INTERMÉDIAIRES DE CARBA-PENEM

(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) **HUMPHREY, Guy, R.** [GB/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). **MILLER, Ross, A.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). **LIEBERMAN, David, R.** [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 98/51678** (13) A1

(21) PCT/US98/10062

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

(25) en (26) en

(31) 60/046,690 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07D 309/06, C07C 401/00, A61K 31/045**

(54) ● CYCLIC ETHER VITAMIN D₃ COMPOUNDS, 1 α (OH) 3-EPI-VITAMIN D₃ COMPOUNDS AND USES THEREOF

● COMPOSES DE VITAMINE D₃ A ETHER CY-CLIQUE ET COMPOSES DE 1 α (OH)3-EPI-VITAMINE D₃, ET UTILISATION DESDITS COMPOSES

(71) **WOMEN & INFANT'S HOSPITAL** [US/US]; 101 Dudley Street, Providence, RI 02905 (US).

(72) **REDDY, Satyanarayana, G.**; 3 Jones Circle, Barrington, RI 02806 (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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(21) PCT/FR98/00958

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(25) fr (26) fr

(31) 97/05907 (32) **14 May/mai 1997 (14.05.1997)** (33) FR

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07D 311/72, A61K 31/355, 7/48**

(54) ● TOCOPHEROL ESTERS AND THEIR COS-METIC AND PHARMACEUTICAL USES

● ESTERS DE TOCOPHEROL ET LEURS UTI-LISATIONS EN COSMÉTIQUE ET PHARMA-CIE

(71) **LVMH RECHERCHE** [FR/FR]; 25, rue des Peu-pliers, F-92752 Nanterre (FR).
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(72, 75) **BONTE, Frédéric** [FR/FR]; 54, rue Trudelle, F-45100 Orléans (FR). **SAUNOIS, Alex** [FR/FR]; 2, rue Daniel Meyer, F-45000 Orléans (FR).

(74) **PORTAL, Gérard** et al. / etc.; Cabinet Beau de Loménie, 158, rue de l'Université, F-75007 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 98/51680** (13) A1

(21) PCT/JP98/02081

(22) **12 May/mai 1998 (12.05.1998)**

(25) ja (26) ja

(31) 9/120849 (32) **12 May/mai 1997 (12.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07D 319/20, 317/36**

(54) ● PROCESS FOR PRODUCING 1,4-BENZODIOXANE DERIVATIVES

● PROCEDE POUR PRODUIRE DES DERIVES DE 1,4-BENZODIOXANE

(71) **DAISO CO., LTD.** [JP/JP]; 10-8, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP).
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(72, 75) **FURUKAWA, Yoshio** [JP/JP]; 5-4, Minamitanabe 5-chome, Higashisumiyoshi-ku, Osaka-shi, Osaka 546-0033 (JP). **KITAORI, Kazuhiro** [JP/JP]; 18-20, Noma 7-chome, Itami-shi, Hyogo 664-0873 (JP). **MATSUI, Shouhei** [JP/JP]; 35-5, Oshima 2-chome, Amagasaki-shi, Hyogo 660-0076 (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 JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/51681** (13) A1

(21) PCT/HU98/00047

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

(25) en (26) en

(31) P 97 00884 (32) **13 May/mai 1997 (13.05.1997)** (33) HU

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07D 333/20**

(54) ● NEW INTERMEDIATES AND PROCESS FOR THE PREPARATION THEREOF

● NOUVEAUX PRODUITS INTERMÉDIAIRES ET PROCEDE DE PREPARATION DE CES PRODUITS

(71) **SANOFI** [FR/FR]; 32/43, rue Marbeuf, F-75374 Paris Cedex 08 (FR).
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(72, 75) **BAKONYI, Mária** [HU/HU]; Munkácsy u. 58/a, H-1046 Budapest (HU). **CSATÁRINÉ NAGY, Marianna** [HU/HU]; Géza u. 110, H-2113 Erdőkertes (HU). **MOLNÁR, Leventéné** [HU/HU]; József A. u. 5, H-2133 Szőliget (HU). **MAKOVI, Zoltán** [HU/HU]; Külső-Szilágyi ú. 112, H-1046 Budapest (HU). **JOBB, Piroška** [HU/HU]; Vasvári Pál u. 45, H-2000 Szentendre (HU). **BAI, Tiborné** [HU/HU]; Bocskay u. 45, H-1153 Budapest (HU).

(74) **MIHÁLYI, György** et al. / etc.; Sanofi, Tó u. 1-5, H-1045 Budapest (HU).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51682** (13) A1

(21) PCT/HU98/00046

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

(25) en (26) en

(31) P 97 00886 (32) **13 May/mai 1997 (13.05.1997)** (33) HU

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07D 333/24, A61K 31/38**

(54) ● NEW INTERMEDIATES AND PROCESS FOR THE PREPARATION THEREOF

● NOUVEAUX PRODUITS INTERMÉDIAIRES ET PROCEDE DE PREPARATION DE CES DERNIERS

(71) **SANOFI** [FR/FR]; 32/34, rue Marbeuf, F-75374 Paris Cedex 08 (FR).
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(72, 75) **HEYMES, Alain** [FR/FR]; 5, rue Frédéric Mistral, F-04200 Sisteron (FR). **CASTRO, Bertrand** [FR/FR]; 151, avenue des Costières, F-34130 Saint Aunès (FR). **BAKONYI, Mária** [HU/HU]; Munkácsy u. 58/a, H-1046 Budapest (HU). **CSATÁRINÉ NAGY, Marianna** [HU/HU]; Géza u. 110, H-2113 Erdőkertes (HU).

MOLNÁR, Leventéné [HU/HU]; József A. u. 5., H-2133 Sződliget (HU).

(74) **MIHÁLYI, György** et al. / etc.; Sanofi, Tó u. 1-5, H-1045 Budapest (HU).

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

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(11) **WO 98/51683** (13) A1

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(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 60/046,516 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07D 401/04, A01N 43/713, C07D 403/04, 409/04, 405/04, 413/04, 401/06, 405/06, 409/06, 405/14, 409/14, 413/14**

(54) ● HERBICIDAL TETRAZOLINONES
● TETRAZOLINONES HERBICIDES

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

(72, 75) **KIM, Hyeong, Baik** [KR/US]; 10 Fir Court, Newark, DE 19711 (US).

(74) **GREGORY, Theodore, C.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GW HU ID IL IS JP KG KP KR KZ LC LK LR LT LV MD MG MK MN MW 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 98/51684** (13) A1

(21) PCT/US98/09311

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

(25) en (26) en

(31) 60/046,584 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07D 401/06, A61K 31/395, 31/47**

(54) ● ANTITHROMBOTIC COMPOUND
● COMPOSE ANTITHROMBOTIQUE

(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) **JACKSON, Charles, Van** [US/US]; 9921 Leeward Boulevard, Indianapolis, IN 46256 (US).
KURZ, Kenneth, Dean [US/US]; 419 Golf Lane, Indianapolis, IN 46260 (US).
SHUMAN, Robert, Theodore [US/US]; 830 Ashton Park Drive, Greenwood, IN 46143 (US).

(74) **JACKSON, Thomas, E.** 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).

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(11) **WO 98/51685** (13) A1

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(25) en (26) en

(31) 0536/97 (32) **9 May/mai 1997 (09.05.1997)** (33) DK

(31) 60/046,011 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07D 401/14, 401/04, C07C 229/20**

(54) ● METHOD OF MANUFACTURING SERTINDOLE
● PROCEDE DE FABRICATION DU SERTINDOLE

(71) **H. LUNDBECK A/S** [DK/DK]; 9, Otiliavej, DK-2500 Valby-Copenhagen (DK).
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(72, 75) **BECH SOMMER, Michael** [DK/DK]; 23 A, Aldershjlevej, DK-2880 Bagsvaerd (DK).

(74) **H. LUNDBECK A/S**; Att. John Meidahl Petersen, 9, Otiliavej, DK-2500 Valby-Copenhagen (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 98/51686** (13) A1

(21) PCT/FR98/00905

(22) **6 May/mai 1998 (06.05.1998)**

(25) fr (26) fr

(31) 97/05850 (32) **13 May/mai 1997 (13.05.1997)** (33) FR

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07D 403/12, 403/14, A61K 31/41, C07D 249/14**

(54) ● N-TRIAZOLYL-2-INDOLECARBOXAMIDES AND THEIR USE AS CCK-A AGONISTS
● N-TRIAZOLYL-2-INDOLECARBOXAMIDES ET LEUR UTILISATION COMME AGONISTES DE CCK-A

(71) **SANOFI** [FR/FR]; 32-34, rue Marbeuf, F-75008 Paris (FR).
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(72, 75) **BIGNON, Eric** [FR/FR]; 4, allée de la Garonne, F-31120 Pinsaguel (FR).
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Toulouse (FR).
DE COINTET, Paul [FR/FR]; 1, rue Furgole, F-31000 Toulouse (FR).
DESPEYROUX, Pierre [FR/FR]; 472, chemin de Lagardelle, F-31860 Labarthe sur Leze (FR).
FREHEL, Daniel [FR/FR]; Le Burget-Lasserre, F-31160 Estadens (FR).
GULLY, Danielle [FR/FR]; 82, route de Roquettes, Saubens, F-31160 Muret (FR).

(74) **SANOFI**; 32-34, rue Marbeuf, F-75008 Paris (FR).

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

(11) **WO 98/51687** (13) A1

(21) PCT/JP98/01695

(22) **14 Apr/avr 1998 (14.04.1998)**

(25) en (26) en

(31) PO 6764 (32) **14 May/mai 1997 (14.05.1997)** (33) AU

(31) PP 2085 (32) **2 Mar/mar 1998 (02.03.1998)** (33) AU

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07D 471/10, A61K 31/445, C07K 5/06**

(54) ● PIPERIDINO DERIVATIVES WHICH PROMOTE GROWTH HORMONE RELEASE
● DERIVES PIPERIDINO FAVORISANT LA LIBERATION DE L'HORMONE DE CROISSANCE

(71) **FUJISAWA PHARMACEUTICAL CO., LTD.** [JP/JP]; 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541 (JP).
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(72, 75) **TANIGUCHI, Kiyoshi** [JP/JP]; 2-1-28, Minamiichiai, Suma-ku, Kobe-shi, Hyogo 654-0153 (JP).
KURODA, Satoru [JP/JP]; 3-6-21-207, Kotobuki-cho, Takatsuki-shi, Osaka 569-0826 (JP).
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SHIMIZU, Yasuyo [JP/JP]; 3-9-10, Motomachi, Naniwa-ku, Osaka-shi, Osaka 556-0016 (JP).
TAKASUGI, Hisashi [JP/JP]; 3-116-10, Mozuumekita, Sakai-shi, Osaka 591-8031 (JP).

(74) **YOSHIKAWA, Toshio**; Murahama Building, 6F, 9-19, Higashinoda-cho 4-chome, Miyakojima-ku, Osaka-shi, Osaka 534-0024 (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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(11) **WO 98/51688** (13) A1

(21) PCT/EP98/02511

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) de (26) de

(31) 197 19 839.2 (32) **12 May/mai 1997 (12.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07D 491/14, A61K 31/44 // (C07D 491/14, 307:00, 221:00, 209:00)**

(54) ● 6-SUBSTITUTED 1,2,4a,5a,8a,8b HEXAHYDRO- AND 1,2,3,4,4a,5a,8a,8b-OCTAHYDRO-6H-PYRROLO [3',4':4,5]FURO[3,2-b]PYRID-8(7H)-ON DERIVATIVES AND THEIR USE IN COMBATING ENDOPARASITES
● DERIVES DE 1,2,4A,5A,8A,8B-HEXAHYDRO- ET

1,2,3,4,4A,5A,8A,8B-OCTAHYDRO-6H-PYRRO[3',4':4,5]FURO[3,2-B]PYRIDE-8(7H)-ONE 6-SUBSTITUES ET LEUR UTILISATION POUR LUTTER CONTRE DES ENDOPARASITES

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

(72, 75) **JESCHKE, Peter** [DE/DE]; Heymannstrasse 38, D-51373 Leverkusen (DE). **HARDER, Achim** [DE/DE]; Europaring 54, D-51109 Köln (DE). **MENCKE, Norbert** [DE/DE]; Grundermühle 2, D-51381 Leverkusen (DE). **VON SAMSON-HIMMELSTJERNA, Georg** [DE/DE]; Neuenkamper Strasse 21, D-42657 Solingen (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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(25) en (26) en

(31) P 97 00885 (32) **13 May/mai 1997 (13.05.1997)** (33) HU

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07D 495/04**

(54) ● A NEW PROCESS FOR THE PREPARATION OF A PHARMACOLOGICALLY ACTIVE SUBSTANCE
● NOUVEAU PROCÉDE DE PRÉPARATION D'UNE SUBSTANCE PHARMACEUTIQUE ACTIVE

(71) **SANOPI** [FR/FR]; 32/34, rue Marbeuf, F-75374 Paris Cedex 08 (FR).
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(72, 75) **BAKONYI, Mária** [HU/HU]; Munkácsy u. 58/a, H-1046 Budapest (HU). **CSATÁRINÉ NAGY, Marianna** [HU/HU]; Géza u. 110, H-2113 Erdőkertes (HU). **MOLNÁR, Leventéné** [HU/HU]; József A. u. 5, H-2133 Sződliget (HU). **GAJÁRY, Antal** [HU/HU]; Bölöni Gy. u. 15/b, H-1021 Budapest (HU). **ALATTYÁNI, Edit** [HU/HU]; Sárpatek u. 7, H-1048 Budapest (HU).

(74) **MIHÁLYI, György** et al. / etc.; Sanofi, Tó u. 1-5, H-1045 Budapest (HU).

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

(11) **WO 98/51690** (13) A1

(21) PCT/EP98/02738

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

(25) de (26) de

(31) 197 19 944.5 (32) **13 May/mai 1997 (13.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07D 519/00, C08G 73/06, C08K 5/353, 5/52, 5/15 // (C07D 519/00, 498:00, 498:00, 498:00)**

(54) ● COMPOUNDS ON THE BASIS OF POLYALKYL-1-OXA-DIAZASPIRODECANE COMPOUNDS
● COMPOSES A BASE DE COMPOSES DE POLYALKYL-1-OXA-DIAZASPIRODECANE

(71) **CLARIANT GMBH** [DE/DE]; Brüningstrasse 50, D-65929 Frankfurt am Main (DE).
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(72, 75) **STÄHRFELDT, Thomas** [DE/DE]; Lohwaldstrasse 59, D-86356 Neusäß (DE). **MEHRER, Mathias** [DE/DE]; Roseggerstrasse 4, D-86456 Gablingen (DE). **ZAH, Matthias** [DE/DE]; Langemarckstrasse 88, D-86368 Gersthofen (DE). **PFÄHLER, Gerhard** [DE/DE]; Karlsbader Strasse 27, D-86169 Augsburg (DE).

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

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(21) PCT/EP98/02693

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

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(31) 197 19 809.0 (32) **13 May/mai 1997 (13.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07F 5/06, C07C 31/32, C07B 31/00, C09C 1/00**

(54) ● STABLE TRIMER ISOPROPOXYALANE, METHOD FOR THE PRODUCTION AND USE THEREOF
● ISOPROPOXYALANE TRIMERE STABLE, SON PROCÉDE DE PRÉPARATION ET SON UTILISATION

(71) **METALLGESELLSCHAFT AKTIENGESELLSCHAFT** [DE/DE]; Bockenheimer Landstrasse 73-77, D-60325 Frankfurt am Main (DE).
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(72, 75) **SCHLEGEL, Andreas** [DE/DE]; Friedrichstrasse 34, D-80801 München (DE). **NOETH, Heinrich** [DE/DE]; Eichleite 25a, D-82031 Gruenwald (DE). **RITTMAYER, Peter** [DE/DE]; Im Haindell 12, D-65843 Sulzbach (DE). **HAUK, Dieter** [DE/DE]; Im Mühlfeld 32, D-61169 Friedberg (DE). **WIETELMANN, Ulrich** [DE/DE]; Rodheimer Strasse 19, D-61381 Friedrichsdorf (DE).

(74) **METALLGESELLSCHAFT AKTIENGESELLSCHAFT**; Bockenheimer Landstrasse 73-77, D-60325 Frankfurt am Main (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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(21) PCT/US98/09944

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

(25) en (26) en

(31) 08/857,150 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(31) 09/050,220 (32) **27 Mar/mar 1998 (27.03.1998)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07F 9/6561, A61K 31/675**

(54) ● ACYCLOVIR DIESTER DERIVATIVES
● DERIVES DIESTERS D'ACYCLOVIR

(63) US 08/857,150 (CIP)
15 May/mai 1997 (15.05.1997)
US 09/050,220 (CIP)
27 Mar/mar 1998 (27.03.1998)

(71) **DRUG INNOVATION & DESIGN, INC.** [US/US]; M/S 009, 415 South Street, Waltham, MA 02254 (US).
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(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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(21) PCT/GB98/01358

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

(25) en (26) en

(31) 9709728.1 (32) **13 May/mai 1997 (13.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C07H 1/08**

(54) ● SOLID-PHASE NUCLEIC ACID ISOLATION
● ISOLATION EN PHASE SOLIDE D'ACIDES NUCLEIQUES

(71) **DZIEGLEWSKA, Hanna, Eva** [GB/GB]; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).
(only for / seulement pour GB)

(71, 72) **RUDI, Knut** [NO/NO]; Edvard Munchs vei 83, N-1063 Oslo (NO). **JAKOBSEN, Kjetill, Sigurd** [NO/NO]; Brekkelia 10M, N-0882 Oslo (NO).

(74) **DZIEGLEWSKA, Hanna** 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).

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(31) 08/855,588 (32) **13 May/mai 1997 (13.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **C07H 15/10, C08F 20/10, 20/56, 22/10, 22/38, 36/14, 38/00**
- (54) ● HYDROPHILIC, HYDROPHOBIC, AND THERMOREVERSIBLE SACCHARIDE GELS AND FOAMS, AND METHODS FOR PRODUCING SAME
● GELS ET MOUSSES DE SACCHARIDE HYDROPHILES, HYDROPHOBES ET THERMOREVERSIBLES
- (71) **PURDUE RESEARCH FOUNDATION** [US/US]; 1063 Hovde Hall, West Lafayette, IN 47907 (US).
- (72) **CHEN, Jun**; Apartment J1-9, 2058 Maple Avenue, Hatfield, PA 19440 (US). **BONGJO, Seong**; 224-5 Arnold Drive, West Lafayette, IN 47906 (US). **PARK, Kinam**; 455 Lagrange Street, West Lafayette, IN 47906 (US).
- (74) **PRICE, Robert, L.** et al. / etc.; McDermott, Will & Emery, Suite 300, 99 Canal Center Plaza, Alexandria, VA 22314 (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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/51695** (13) A2
(21) PCT/US98/09518
(22) **13 May/mai 1998 (13.05.1998)**
(25) en (26) en
(31) 08/858,003 (32) **16 May/mai 1997 (16.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C07H 17/00**
(54) ● NOVEL POLYKETIDE DERIVATIVES AND RECOMBINANT METHODS FOR MAKING SAME
● NOUVEAUX DERIVES DE POLYKETIDES ET PROCEDES DE RECOMBINAISON POUR PRODUIRE CES DERIVES
(71) **ABBOTT LABORATORIES** [US/US]; CHAD 0377/AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-3500 (US).
(72) **KATZ, Leonard**; 375 Plum Creek Drive, Wheeling, IL 60090 (US). **STASSI, Diane, L.**; 1883 Elmwood Drive, Highland Park, IL 60035 (US). **SUMMERS, Richard, G., Jr.**; 117 E. Harris, Appleton, WI 54911 (US). **RUAN, Xiaon**; 29734 North Environ Circle, Lake Bluff, IL 60044 (US). **PEREDA-LOPEZ, Ana**; 1033 Concord Circle, Mundelein, IL 60060 (US). **KAKAVAS, Stephen, J.**; Apartment #1122, 1441 Johnson Drive, Buffalo Grove, IL 60089 (US).
(74) **CASUTO, Dianne** et al. / etc.; Abbott Laboratories, CHAD 0377/AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-3500 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51696** (13) A1
(21) PCT/IB98/00661
(22) **1 May/mai 1998 (01.05.1998)**
(25) en (26) en
(31) 60/046,150 (32) **9 May/mai 1997 (09.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C07H 17/08, A61K 31/70**
(54) ● ERYTHROMYCIN DERIVATIVES
● DERIVES D'ERYTHROMYCINE
(71) **PFIZER PRODUCTS INC.** [US/US]; Eastern Point Road, Groton, CT 06340 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **WU, Yong-Jin** [CA/US]; 36 Cardinal Road, East Lyme, CT 06333 (US).
(74) **SPIEGEL, Allen, J.**; c/o Green, Mark, Charles, Urquhart-Dykes & Lord, 91 Wimpole Street, London W1M 8AH (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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51697** (13) A2
(21) PCT/EP98/02860
(22) **14 May/mai 1998 (14.05.1998)**
(25) de (26) de
(31) 197 20 216.0 (32) **14 May/mai 1997 (14.05.1997)** (33) DE
(31) 197 20 165.2 (32) **14 May/mai 1997 (14.05.1997)** (33) DE
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C07H 21/00**
(54) ● METHOD FOR PRODUCING POLYMERS HAVING NUCLEO-BASES AS SIDE-GROUPS
● PROCEDE DE PRODUCTION DE POLYMERES PRESENTANT DES NUCLEOBASES COMME GROUPES LATERAUX
(71) **MORPHOCHEM GMBH** [DE/DE]; Am Klopferspitz 19, D-82152 Martinsried (DE).
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(72, 75) **DÖMLING, Alexander** [DE/DE]; Winzerersstrasse 5, D-80797 München (DE). **RICHTER, Wolfgang** [DE/DE]; Radlkoferstrasse 9a, D-81373 München (DE).
(74) **FORSTMAYER, Dietmar** et al. / etc.; Boeters & Bauer, Bereiteranger 15, D-81541 München (DE).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51698** (13) A1
(21) PCT/SE98/00893
(22) **14 May/mai 1998 (14.05.1998)**
(25) en (26) en
(31) 9701783-4 (32) **14 May/mai 1997 (14.05.1997)** (33) SE
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C07H 21/00, 21/02, 21/04**
(54) ● SYNTHESIS OF OLIGONUCLEOTIDES
● SYNTHÈSE D'OLIGONUCLEOTIDES
(71, 72) **KWIATKOWSKI, Marek** [SE/SE]; Lövsångarvägen 17, S-756 52 Uppsala (SE).
(72, 75) **LANDEGREN, Ulf** [SE/SE]; Eksoppsvägen 16, S-756 46 Uppsala (SE). **NILSSON, Mats** [SE/SE]; Polhemsgatan 36, S-112 30 Stockholm (SE).
(74) **BERGANDER, Håkan** et al. / etc.; Amersham Pharmacia Biotech AB, S-751 84 Uppsala (SE).
(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 98/51699** (13) A1
(21) PCT/US98/09586
(22) **12 May/mai 1998 (12.05.1998)**
(25) en (26) en
(31) 60/046,219 (32) **12 May/mai 1997 (12.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C07H 21/00, 21/04, C12P 19/34**
(54) ● METHODS FOR PRODUCTION AND PURIFICATION OF NUCLEIC ACID MOLECULES
● PROCEDES PERMETTANT DE PRODUIRE ET DE PURIFIER LES MOLECULES D'ACIDE NUCLEIQUE
(71) **LIFE TECHNOLOGIES, INC.** [US/US]; 9800 Medical Center Drive, Rockville, MD 20850 (US).
(72) **GRUBER, Christian, E.**; 2105 Charlton House Way, Frederick, MD 21702 (US). **JESSEE, Joel, A.**; 4139 Old National Pike, Mount Airy, MD 21771 (US).
(74) **ESMOND, Robert, W.** et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934 (US).
(81) JP; 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 98/51700** (13) A1
(21) PCT/US98/09718
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(25) en (26) en
(31) 08/856,074 (32) **14 May/mai 1997 (14.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C07H 21/04, 21/02, C12N 15/11, 15/64, 15/00, C07K 1/00, 14/00, 17/00**
(54) ● RETROVIRAL ENVELOPES HAVING MODIFIED HYPERVARIABLE POLYPROLINE REGIONS

- ENVELOPPES RETROVIRALES A REGIONS POLYPROLINE HYPERVARIABLES MODIFIEES

(63) US 08/856,074 (CIP)
14 May/mai 1997 (14.05.1997)

(71) UNIVERSITY OF SOUTHERN CALIFORNIA [US/US]; Suite 313, 3716 South Hope Street, Los Angeles, CA 90033 (US).
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(74) LILLIE, Raymond, J. et al. / etc.; Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein, 6 Becker Farm Road, Roseland, NJ 07068 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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/US98/10021

(22) 15 May/mai 1998 (15.05.1998)

(25) en (26) en

(31) 60/046,553 (32) 15 May/mai 1997 (33) US (15.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ C07H 21/04, C07K 14/705, G01N 33/53

(54) ● TUMOR SURFACE PROTEIN AND ITS COMPLEMENTARY SURFACE RECEPTOR ON NAIVE NATURAL KILLER CELLS
● PROTEINE DE SURFACE DE CELLULE TUMORALE ET SON RECEPTEUR DE SURFACE COMPLEMENTAIRE SUR DES LYMPHOCYTES TUEURS NATURELS NAIFS

(71) THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK [US/US]; P.O. Box 9, Albany, NY 12201-0009 (US).
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(72, 75) NORIN, Allen, J. [US/US]; 8 Aspen Court, Pomona, NY 10970 (US).

(74) BARON, Ronald, J.; 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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(31) 60/046,451 (32) 14 May/mai 1997 (33) US (14.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ C07J 17/00, 43/00, C07D 225/06, 493/12, A61K 31/33, 31/35, 31/58

(54) ● METHODS AND COMPOSITIONS FOR DETECTION OF SELECTED PROTEINS
● METHODES ET COMPOSITIONS DE DETECTION DE PROTEINES SELECTIONNEES

(71) SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH [US/US]; 1275 York Avenue, New York, NY 10021 (US).
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(72, 75) ROSEN, Neal [US/US]; Office of Industrial Affairs, Memorial Sloan Kettering Cancer Center, 1275 York Avenue, New York, NY 10021 (US). DANISHEVSKY, Samuel [US/US]; Office of Industrial Affairs, Memorial Sloan Kettering Cancer Center, 1275 York Avenue, New York, NY 10021 (US). OUERFELLI, Ouathek [TN/US]; Office of Industrial Affairs, Memorial Sloan Kettering Cancer Center, 1275 York Avenue, New York, NY 10021 (US). KUDAK, Scott, D. [US/US]; Office of Industrial Affairs, Memorial Sloan Kettering Cancer Center, 1275 York Avenue, New York, NY 10021 (US). SEPP-LORENZINO, Laura [US/US]; Office of Industrial Affairs, Memorial Sloan Kettering Cancer Center, 1275 York Avenue, New York, NY 10021 (US).

(74) LARSON, Marina, T.; Oppedahl & Larson, P.O. Box 5270, Frisco, CO 80442-5270 (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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(31) 197 20 043.5 (32) 14 May/mai 1997 (33) DE (14.05.1997)

(31) 197 37 477.8 (32) 28 Aug/août 1997 (33) DE (28.08.1997)

(31) 198 01 037.0 (32) 14 Jan/jan 1998 (33) DE (14.01.1998)

(31) 198 13 137.2 (32) 25 Mar/mar 1998 (33) DE (25.03.1998)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ C07K 9/00, C07H 15/203, C07D 491/22, A61K 38/14, 31/70

(54) ● 20(S) CAMPTOTHECIN GLYCOCONJUGATES
● GLYCOCONJUGUES DE 20(S)-CAMPTOTHECINE

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

(72, 75) LERCHEN, Hans-Georg [DE/DE]; Sürderstrasse 3, D-51375 Leverkusen (DE). VON DEM BRUCH, Karsten [DE/DE]; Bonifatiusstrasse 2, D-51375 Leverkusen (DE). BAUMGARTEN, Jörg [DE/DE]; Henselweg 13, D-42115 Wuppertal (DE). SPERZEL, Michael [DE/DE]; Normannenstrasse 31, D-42275 Wuppertal (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) 9/120683 (32) 12 May/mai 1997 (33) JP (12.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ C07K 14/495, A61K 38/17, G01N 33/566

(54) ● PEPTIDES PROMOTING THE ACTIVATION OF LATENT TGF- β AND METHOD FOR SCREENING TGF- β ACTIVITY REGULATORS
● PEPTIDES FAVORISANT L'ACTIVATION DE TGF- β LATENT ET PROCEDE DE SELECTION DE REGULATEURS A ACTIVITE DE TGF- β

(71) KYOWA HAKKO KOGYO CO., LTD. [JP/JP]; 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo 100-8185 (JP).
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(72, 75) YAMASAKI, Motoo [JP/JP]; 3-9-13, Naka-machi, Machida-shi, Tokyo 194-0021 (JP). SHIBATA, Kenji [JP/JP]; 1-630-9, Atago, Tama-shi, Tokyo 206-0041 (JP). SATO, Yasushi [JP/JP]; 2-12-4, Kunimigaoka, Aoba-ku, Sendai-shi, Miyagi 989-3201 (JP).

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

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(21) PCT/EP98/02750

(22) 11 May/mai 1998 (11.05.1998)

(25) en (26) en

(31) MI97A001105 (32) 12 May/mai 1997 (33) IT (12.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ C07K 14/52, A61K 38/19, C07K 16/24

(54) ● PEPTIDES WITH ANTIVIRAL ACTIVITY
● PEPTIDES PRESENTANT UNE ACTIVITE ANTIVIRALE

(71) FONDAZIONE CENTRO SAN RAFFAELE DEL MONTE TABOR [IT/IT]; Via Olgettina, 60, I-20132 Milano (IT).
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(72, 75) LUSSO, Paolo [IT/IT]; Via Olgettina, 60, I-20132 Milano (IT).

(74) SPADARO, Marco; Bianchetti Bracco Minoja S.r.l., Via Rossini, 8, I-20122 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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 (31) 08/855,261 (32) **13 May/mai 1997 (13.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **C07K 14/705, A61K 38/17, C07K 16/30**
 (54) ● TUMOR-ASSOCIATED ANTIGEN
 ● ANTIGENE ASSOCIE AUX TUMEURS
 (63) US 08/855,261 (CIP)
 13 May/mai 1997 (13.05.1997)
 (71) **INCYTE PHARMACEUTICALS, INC.** [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **BANDMAN, Olga** [US/US]; 366 Anna Avenue, Mountain View, CA 94043 (US). **GOLI, Surya, K.** [IN/US]; 3311 Cantamar Court, San Jose, CA 95135 (US). **SHAH, Purvi** [IN/US]; 1608 Queen Charlotte Drive #5, Sunnyvale, CA 94087 (US). **CORLEY, Neil, C.** [US/US]; 1240 Dale Avenue #30, Mountain View, CA 94040 (US).
 (74) **BILLINGS, Lucy, J.**; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (US).
 (81) AT AU BR CA CH CN DE DK ES FI GB IL JP KR MX NO NZ RU SE SG US; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/51707** (13) A1
 (21) PCT/JP98/02148
 (22) **15 May/mai 1998 (15.05.1998)**
 (25) ja (26) ja
 (31) 9/126113 (32) **15 May/mai 1997 (15.05.1997)** (33) JP
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **C07K 14/82 // C12N 15/09, A61K 38/17**
 (54) ● PEPTIDES HAVING CYCLIC STRUCTURES AND EXERTING P53 PROTEIN ACTIVITY-RESTORING EFFECT ON P53 PROTEIN MUTANTS
 ● PEPTIDES A STRUCTURES CYCLIQUES ET A EFFET RESTAURATEUR D'ACTIVITE DE LA PROTEINE P53 SUR LES MUTANTS DE LADITE PROTEINE
 (71) **KYOWA HAKKO KOGYO CO., LTD.** [JP/JP]; 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo 100-8185 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **SHIBATA, Kenji** [JP/JP]; 1-630-9, Atago, Tama-shi, Tokyo 206-0041 (JP). **YAMASAKI,**

Motoo [JP/JP]; 3-9-13, Naka-machi, Machida-shi, Tokyo 194-0021 (JP). **YOSHIDA, Tetsuo** [JP/JP]; 4-17-17, Morino, Machida-shi, Tokyo 194-0022 (JP). **MIZUKAMI, Tamio** [JP/JP]; 2141-69, Honmachi, Machida-shi, Tokyo 194-0032 (JP). **SHINKAI, Akeo** [JP/JP]; 3-9-11, Naka-machi, Machida-shi, Tokyo 194-0021 (JP). **ANAZAWA, Hideharu** [JP/JP]; 4-19-18, Minami-ohizumi, Nerima-ku, Tokyo 178-0064 (JP).

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

- (11) **WO 98/51708** (13) A1
 (21) PCT/EP98/02808
 (22) **13 May/mai 1998 (13.05.1998)**
 (25) en (26) en
 (31) 97107846.4 (32) **14 May/mai 1997 (14.05.1997)** (33) EP
 (34) DE et al. / etc.
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **C07K 16/18, A61K 48/00**
 (54) ● A METHOD FOR THE IMPROVEMENT OF NEURONAL REGENERATION
 ● PROCEDE PERMETTANT D'AMELIORER LA REGENERATION DES NEURONES
 (71, 72) **MÜLLER, H., W.** [DE/DE]; Labor für Molekulare Neurobiologie, Neurologische Klinik, Heinrich-Heine-Universität Düsseldorf, Moorenstrasse 5, D-40225 Düsseldorf (DE). **STICHEL-GUNKEL, Christine, C.** [DE/DE]; Molekulare Neurobiologie, Neurologische Klinik Universität Düsseldorf, Moorenstrasse 5, D-40225 Düsseldorf (DE).
 (74) **MEYERS, Hans-Wilhelm** et al. / etc.; P.O. Box 10 22 41, D-50462 Köln (DE).
 (81) AL AU BA BB BG BR BY 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 98/51709** (13) A1
 (21) PCT/KR98/00119
 (22) **12 May/mai 1998 (12.05.1998)**
 (25) en (26) en
 (31) 1997/18444 (32) **13 May/mai 1997 (13.05.1997)** (33) KR
 (31) 1998/12177 (32) **7 Apr/avr 1998 (07.04.1998)** (33) KR
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **C08B 16/00, D01F 1/10, C08L 1/00**
 (54) ● AQUEOUS CELLULOSE SOLUTION AND RAYON FIBER PRODUCED FROM THE SAME
 ● SOLUTION CELLULOSIQUE AQUEUSE ET FIBRES DE RAYONNES AINSI OBTENUES
 (71, 72) **HONG, Young, Keun** [KR/KR]; 1-1508, Sunkyung Apartment, 506, Daechi-dong, Kangnam-gu, Seoul 135-280 (KR).
 (74) **LEE, Young, Pil**; The Cheonghwa Building, 1571-18, Seocho-dong, Seocho-gu, Seoul 137-073 (KR).

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

- (11) **WO 98/51710** (13) A1
 (21) PCT/NO98/00142
 (22) **8 May/mai 1998 (08.05.1998)**
 (25) en (26) en
 (31) 972136 (32) **9 May/mai 1997 (09.05.1997)** (33) NO
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **C08B 37/04**
 (54) ● PROCEDURE FOR PRODUCING URONIC ACID BLOCKS FROM ALGINATE
 ● PROCEDE DE PRODUCTION DE BLOCS D'ACIDE URONIQUE A PARTIR D'ALGINATE
 (71) **NORSK HYDRO ASA** [NO/NO]; N-0240 Oslo (NO).
 (72) **SIMENSEN, Merethe, Kamfjord**; Jacob Tiedemanns vei 6, N-3120 Tønsberg (NO). **DRAGET, Kurt**; Markaplassen 283, N-7053 Ranheim (NO). **SMIDSRØD, Olav**; Bromstadekra 45, N-7046 Trondheim (NO). **HJELAND, Finn**; karinaveien 8, N-5510 Vormedal (NO).
 (74) **LILLEGRAVEN, Rita**; 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).

(11) **WO 98/51711** (13) A1

- (21) PCT/JP97/03741
 (22) **16 Oct/oct 1997 (16.10.1997)**
 (25) ja (26) ja
 (31) 9/124255 (32) **14 May/mai 1997 (14.05.1997)** (33) JP
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **C08B 37/08, C12P 19/26, C12N 1/10, 11/10, A23L 1/00, A61K 9/50, 47/36, A01N 25/10, C11B 9/00, C09B 67/02, A23K 1/16**
 (54) ● CHITIN BEADS, CHITOSAN BEADS, PROCESS FOR PREPARING THESE BEADS, CARRIER COMPRISING SAID BEADS, AND PROCESS FOR PREPARING MICROSPORIDIAN SPORE
 ● PERLES DE CHITINE, PERLES DE CHITOSANE, LEUR PROCEDE DE PRODUCTION, VEHICULE COMPRENANT LESDITES PERLES, ET PROCEDE DE PREPARATION D'UNE SPORE DE MICROSPORIDIE
 (71) **JAPAN as represented by DIRECTOR GENERAL OF NATIONAL INSTITUTE OF SERICULTURAL AND ENTOMOLOGICAL SCIENCE MINISTRY OF AGRICULTURE, FORESTRY AND FISHERIES** [JP/JP]; 1-2, Ohwashi, Tsukuba-shi, Ibaraki 305 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TSUKADA, Masuhiro** [JP/JP]; 401-403, Matsushiro 4-chome, Tsukuba-shi, Ibaraki 305 (JP). **SHIRATA, Akira** [JP/JP]; 523-204, Matsushiro 5-chome, Tsukuba-shi, Ibaraki 305 (JP). **HAYASAKA, Shoji** [JP/JP]; 408-401, Matsushiro 4-chome, Tsukuba-shi, Ibaraki 305 (JP).

(74) **KITAMURA, Kinichi** et al. / etc.; 703 New Shinbashi Building, 16-1, Shinbashi 2-chome, Minato-ku, Tokyo 105 (JP).

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

(11) **WO 98/51712** (13) A1

(21) PCT/JP98/02112

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

(25) ja (26) ja

(31) 9/124255 (32) **14 May/mai 1997 (14.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C08B 37/08**

(54) ● CHITIN BEADS, CHITOSAN BEADS, PROCESSES FOR PRODUCING THESE BEADS, CARRIERS MADE OF THESE BEADS AND PROCESSES FOR PRODUCING MICROSPORIDIAN SPORES

● BILLES DE CHITINE, BILLES DE CHITOSANE, LEURS PROCÉDES DE FABRICATION, SUPPORTS OBTENUS A PARTIR DE CES BILLES ET PROCÉDES DE PRODUCTION DE SPORES DE MICROSPORIDIÉS

(71) **JAPAN** as represented by **DIRECTOR GENERAL OF NATIONAL INSTITUTE OF SERICULTURAL AND ENTOMOLOGICAL SCIENCE MINISTRY OF AGRICULTURE, FORESTRY AND FISHERIES** [JP/JP]; 1-2, Ohwashi, Tsukuba-shi, Ibaraki 305-0851 (JP).

(72) **TSUKADA, Masuhiro**; 401-403, Matsushiro 4-chome, Tsukuba-shi, Ibaraki 305-0035 (JP). **SHIRATA, Akira**; 523-204, Matsushiro 5-chome, Tsukuba-shi, Ibaraki 305-0035 (JP). **HAYASAKA, Shoji**; 408-401, Matsushiro 4-chome, Tsukuba-shi, Ibaraki 305-0035 (JP).

(74) **KITAMURA, Kinichi** et al. / etc.; 703, New Shinbashi Building, 16-1, Shinbashi 2-chome, Minato-ku, Tokyo 105-0004 (JP).

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

(11) **WO 98/51713** (13) A1

(21) PCT/US98/07586

(22) **17 Apr/avr 1998 (17.04.1998)**

(25) en (26) en

(31) 60/046,910 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C08F 2/32, C08J 9/28, C08G 65/32, A61L 15/24**

(54) ● HIGH INTERNAL PHASE EMULSIONS AND POROUS MATERIALS PREPARED THEREFROM

● EMULSIONS A PHASE INTERNE ELEVEE ET MATIERES POREUSES PREPAREES A PARTIR DE CES EMULSIONS

(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) **MORK, Steve, W.** [US/US]; 4302 Robinhood Terrace, Midland, MI 48642 (US). **GREEN, Daniel, Patrick** [US/US]; 3719 Hillgrove Court, Midland, MI 48642 (US). **ROSE, Gene, D.** [US/US];

216 East Saint Andrews Road, Midland, MI 48642 (US).

(74) **DAMOCLES, Nemia, C.**; 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).

(11) **WO 98/51714** (13) A1

(21) PCT/US98/09041

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

(25) en (26) en

(31) 08/857,151 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C08F 2/38**

(54) ● N-ETHYLHYDROXYLAMINE AS A SHORTSTOPPING AGENT FOR FREE RADICAL POLYMERIZATION

● N-ETHYLHYDROXYLAMINE EN TANT QU'AGENT INHIBITEUR DE LA POLYMERISATION DES RADICAUX LIBRES

(71) **ANGUS CHEMICAL COMPANY** [US/US]; 1500 E. Lake Cook Road, Buffalo Grove, IL 60089 (US).

(72) **BRUTTO, Patrick, E.**; 8116 West Winnemac Avenue, Norridge, IL 60656 (US). **MARMAN, Thomas, H.**; 299 Pilgrims Path, Gurnee, IL 60031 (US).

(74) **RUDISILL, Stephen, G.**; Arnold, White & Durkee, P.O. Box 4433, Houston, TX 77210 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51715** (13) A1

(21) PCT/EP98/02452

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

(25) de (26) de

(31) 197 19 517.2 (32) **9 May/mai 1997 (09.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C08F 4/629, 10/00**

(54) ● CATALYST SOLUTION FOR THE POLYMERIZATION OF α -OLEFINS

● SOLUTION CATALYSANTE POUR LA POLYMERISATION D' α -OLEFINES

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).

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

(72, 75) **GONIOUKH, Andrei** [RU/DE]; Salierstrasse 11, D-67373 Dudenhofen (DE). **SCHAUSS, Eckard** [DE/DE]; Kirchenstrasse 1, D-67259

Heuchelheim (DE). **KLIMESCH, Roger** [DE/DE]; Georg-Fröba-Strasse 43, D-64665 Alsbach-Hähnlein (DE). **DECKERS, Andreas** [DE/DE]; Schulstrasse 11, D-55234 Flomborn (DE). **WEBER, Wilhelm** [DE/DE]; Mandelbergstrasse 40, D-67435 Neustadt (DE).

(74) **BASF AKTIENGESELLSCHAFT**; D-67056 Ludwigshafen (DE).

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

(11) **WO 98/51716** (13) A1

(21) PCT/EP98/02741

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

(25) en (26) en

(31) 08/855,057 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C08F 4/64, 10/00**

(54) ● PROCESS FOR PREPARING TACTIOSELECTIVE POLYOLEFINS IN CONDENSED PHASE USING HAFNOCENES

● PROCÉDE DE PREPARATION DE POLYOLEFINES TACTIOSELECTIVES EN PHASE CONDENSÉE A L'AIDE D'HAFNOCENES

(71) **MONTELL TECHNOLOGY COMPANY B.V.** [NL/NL]; Hoeksteen 66, NL-2132 MS Hoofddorp (NL).

(72) **EWEN, John, A.**; 14311 Golf View Trail, Houston, TX 77059 (US).

(74) **ZANOLI, Enrico**; Montell Italia S.p.A., Via Pergolesi, 25, I-20124 Milano (IT).

(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 98/51717** (13) A1

(21) PCT/US98/09737

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

(25) en (26) en

(31) 08/855,388 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C08F 6/00, 6/16, 6/24**

(54) ● POLYMER DEFORMULATION BY SOLVENT SOLUTION FILTRATION

● DEFORMULATION DE POLYMERES PAR FILTRATION DE SOLUTIONS DE SOLVANTS

(63) US 08/855,388 (CON) 13 May/mai 1997 (13.05.1997)

(71) **PRS, LLC** [US/US]; 3000 Old Highway 62, Mt. Vernon, IN 47620 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOEHN, Andrew, F.** [US/US]; 804 Magnolia Drive, Mt. Vernon, IN 47620 (US).

(74) **TAYLOR, Jay, G.**; Ice Miller Donadio & Ryan, One American Square, P.O. Box 82001, Indianapolis, IN 46282 (US).

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

(11) **WO 98/51718** (13) A1
(21) PCT/JP98/02130
(22) **14 May/mai 1998 (14.05.1998)**
(25) ja (26) ja
(31) 9/126012 (32) **15 May/mai 1997 (15.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C08F 220/06, 220/32, 220/58, 212/22, 216/26, 224/00, G03F 7/038, G02B 5/20**

(54) ● ALKALI-SOLUBLE RESINS AND IMAGE-FORMING MATERIAL PREPARED BY USING THE SAME
● RESINE A SOLUBILITE ALCALINE ET MATERIAU FORMATEUR D'IMAGES EN ETANT FAIT

(71) **NIPPON STEEL CHEMICAL CO., LTD.** [JP/JP]; 31-1, Shinkawa 2-chome, Chuo-ku, Tokyo 104-0033 (JP). **NIPPON STEEL CORPORATION** [JP/JP]; 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAZAMA, Shingo** [JP/JP]; Nippon Steel Corporation Technical Development Bureau, 35-1, Ida 3-chome, Nakahara-ku, Kawasaki City, Kanagawa 211-0035 (JP). **FUJIOKA, Yuji** [JP/JP]; Nippon Steel Corporation Technical Development Bureau, 35-1, Ida 3-chome, Nakahara-ku, Kawasaki City, Kanagawa 211-0035 (JP). **FUJISHIRO, Koichi** [JP/JP]; Nippon Steel Corporation Technical Development Bureau, 35-1, Ida 3-chome, Nakahara-ku, Kawasaki City, Kanagawa 211-0035 (JP).

(74) **NARUSE, Katsuo** et al. / etc.; 5th floor, Go Building, 11-5, Nishi-shinbashi 2-chome, Minato-ku, Tokyo 105-0003 (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 98/51719** (13) A1
(21) PCT/EP98/02686
(22) **7 May/mai 1998 (07.05.1998)**
(25) de (26) de
(31) 197 19 689.6 (32) **9 May/mai 1997 (09.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C08F 222/00, 224/00, C10L 1/18, 1/22, 1/24**

(54) ● FLOW ENHANCER FOR PETROLEUM MIDDLE DISTILLATES
● AMELIORATEUR D'ECOULEMENT POUR DISTILLATS MOYENS DE PETROLE

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

(72, 75) **FAUL, Dieter** [DE/DE]; Buchenweg 9, D-67150 Niederkirchen (DE). **WENDEROTH, Bernd** [DE/DE]; Römerstrasse 115c, D-68623 Lampfertheim (DE). **DRALLE-VOSS, Gabriele** [DE/DE]; Am Hinkelstein 33, D-64665

Alsbach-Hähnlein (DE). **SCHORNICK, Gunnar** [DE/DE]; Dr.-Konrad-Adenauer-Strasse 8, D-67271 Neuleiningen (DE).

(74) **ISENBRUCK, Günter**; Bardehle et al., Theodor-Heuss-Anlage 12, D-68165 Mannheim (DE).

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

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(11) **WO 98/51720** (13) A1
(21) PCT/US98/09938
(22) **15 May/mai 1998 (15.05.1998)**
(25) en (26) en
(31) 08/856,789 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C08F 236/04, 2/24, 290/06**

(54) ● COLLOIDALLY STABILIZED BUTADIENE EMULSIONS
● EMULSIONS DE BUTADIENE STABILISEES PAR UN COLLOIDE

(71) **REICHHOLD CHEMICALS, INC.** [US/US]; 2400 Ellis Road, Durham, NC 27703 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KRISHNAN, Venkataram** [IN/US]; 104 Penchant Court, Cary, NC 27513 (US). **FRIEDZON, Yakov, S.** [RU/US]; 5317 Oakbrook Drive, Durham, NC 27713 (US).

(74) **SMITH, Robert, J.** et al. / etc.; Myers, Bigel, Sibley, & Sajovec, P.A., P.O. Box 37428, Raleigh, NC 27627 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE (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) 197 20 288.8 (32) **15 May/mai 1997 (15.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C08F 246/00, C09K 19/38, C07C 255/65, 245/08**

(54) ● HOMOPOLYMERS WITH HIGH PHOTOINDUCIBLE DOUBLE REFRACTION
● HOMOPOLYMERES A BIREFRINGENCE PHOTOINDUCTIBLE ELEVEE

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

(72, 75) **BERNETH, Horst** [DE/DE]; Erfurter Strasse 1, D-51373 Leverkusen (DE). **CLAUSSEN, Uwe**

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(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) 08/858,070 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C08F 291/00, 265/04, 4/40**

(54) ● IMPROVED METHOD OF MAKING GRAFT POLYMERS
● PROCEDE AMELIORE DE PRODUCTION DE POLYMERES GREFFES

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

(72) **MIDHA, Sanjeev**; Apartment 2, 9274 Deercross Parkway, Blue Ash, OH 45236 (US). **NI-JAKOWSKI, Timothy, Roy**; Apartment 1, 4003 Sharon Park Lane, Cincinnati, OH 45241 (US).

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

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

(11) **WO 98/51723** (13) A1
(21) PCT/US98/09797
(22) **14 May/mai 1998 (14.05.1998)**
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(31) 97201388.2 (32) **14 May/mai 1997 (14.05.1997)** (33) EP

(43) DE et al. / etc.
(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C08G 18/28, 18/62, D06M 15/576, 13/428**

(54) ● FLUORO-CHEMICAL COMPOSITION COMPRISING A POLYURETHANE HAVING A FLUORO-CHEMICAL OLIGOMER AND A HYDROPHILIC SEGMENT TO IMPART STAIN RELEASE PROPERTIES TO A SUBSTRATE

● COMPOSITION FLUOREE COMPRENANT UN POLYURETHANNE PRESENTANT UN OLIGOMERE FLUORE ET UN SEGMENT HYDROPHILE AFIN DE DOTER UN SUBSTRAT D'UNE APTITUDE AU DETACHAGE

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
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(72, 75) **ALLEWAERT, Kathy, E., M., L., A.** [BE/BE]; Damweg 19A, B-3150 Haacht (BE).
VANDER ELST, Pierre, J. [BE/BE]; Albertlaan 2, B-1982 Elewijt (BE).

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

(11) **WO 98/51724** (13) A1

(21) PCT/US98/09866

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

(25) en (26) en

(31) 97201388.2 (32) **14 May/mai 1997 (14.05.1997)** (33) EP

(34) DE et al. / etc.

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C08G 18/28, 18/62, D06M 15/576, 13/428**

(54) ● FLUOROCHIMICAL COMPOSITION COMPRISING A URETHANE HAVING A FLUOROCHIMICAL OLIGOMERE AND A HYDROPHILIC SEGMENT TO IMPART STAIN RELEASE PROPERTIES TO A SUBSTRATE

● COMPOSITION FLUOREE RENFERMANT UN URETHANNE QUI POSSEDE UN OLIGOMERE FLUORE ET UN SEGMENT HYDROPHILE POUR CONFERER DES PROPRIETES FACILITANT LE LAVAGE A UN SUBSTRAT

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
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(72, 75) **ALLEWAERT, Kathy, E., M., L., A.** [BE/BE]; Damweg 19A, B-3150 Haacht (BE).
DAMS, Rudolf, F. [BE/BE]; Schuttershof 19, B-2070 Zwijndrecht (BE).
VANDER ELST, Pierre, J. [BE/BE]; Albertlaan 2, B-1982 Elewijt (BE).

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

(11) **WO 98/51725** (13) A1

(21) PCT/US98/09872

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

(25) en (26) en

(31) 97201388.2 (32) **14 May/mai 1997 (14.05.1997)** (33) EP

(34) DE et al. / etc.

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C08G 18/28, 18/62, 18/48, D06M 15/576, 13/428**

(54) ● FLUOROCHIMICAL COMPOSITION COMPRISING A POLYURETHANE HAVING A FLUOROCHIMICAL OLIGOMERE AND A HYDROPHILIC SEGMENT TO IMPART STAIN RELEASE PROPERTIES TO A SUBSTRATE

● COMPOSITION FLUOREE RENFERMANT UN POLYURETHANNE QUI POSSEDE UN OLIGOMERE FLUORE ET UN SEGMENT HYDROPHILE POUR CONFERER DES PROPRIETES FACILITANT LE LAVAGE A UN SUBSTRAT

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
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(72, 75) **ALLEWAERT, Kathy, E., M., L., A.** [BE/BE]; Damweg 19A, B-3150 Haacht (BE).
AUDENAERT, Frans, A. [BE/BE]; Voorstraat 57, B-9970 Kaprijke (BE).
VANDER ELST, Pierre, J. [BE/BE]; Albertlaan 2, B-1982 Elewijt (BE).

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

(11) **WO 98/51726** (13) A1

(21) PCT/US98/09818

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

(25) en (26) en

(31) 97201389.0 (32) **14 May/mai 1997 (14.05.1997)** (33) EP

(34) DE et al. / etc.

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C08G 18/50, D06M 15/576**

(54) ● FLOUROCHIMICAL COMPOSITION CONTAINING A CONDENSATION PRODUCT OF A FLOUROCHIMICAL POLYETHER AND A POLY-ISOCYANATE TO IMPART STAIN RELEASE PROPERTIES TO A SUBSTRATE

● COMPOSITION FLUOREE CONTENANT UN PRODUIT DE CONDENSATION D'UN POLYETHER FLUORE ET D'UN POLY-ISOCYANATE POUR DOTER UN SUBSTRAT D'UNE APTITUDE AU DETACHAGE

(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) **ALLEWAERT, Kathy, E., M., L., A.** [BE/BE]; Damweg 19A, B-3150 Haacht (BE).
VANDER ELST, Pierre, J. [BE/BE]; Albertlaan 2, B-1982 Elewijt (Zemst) (BE).
DAMS, Rudolf, J. [BE/BE]; Schuttershof 19, B-2070 Zwijndrecht (BE).

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

(11) **WO 98/51727** (13) A1

(21) PCT/US98/09701

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

(25) en (26) en

(31) 97201390.8 (32) **14 May/mai 1997 (14.05.1997)** (33) EP

(34) DE et al. / etc.

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C08G 18/81, 18/48, 18/80, 18/62, D06M 15/576, 15/277**

(54) ● FLUOROCHIMICAL COMPOSITION COMPRISING A POLYMER DERIVED FROM A FLUOROCHIMICAL URETHANE (METH)ACRYLATE MONOMER FOR IMPARTING STAIN RELEASE PROPERTIES TO A SUBSTRATE

● COMPOSITION CHIMIQUE FLUOREE RENFERMANT UN POLYMERE DERIVE D'UN MONOMERE URETHANE (METH)ACRYLATE) FLUORE ET DESTINEE A CONFERER A UN SUBSTRAT DES PROPRIETES DETACHANTES

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
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(72, 75) **ALLEWAERT, Kathy, E., M., L., A.** [BE/BE]; Damweg 19A, B-3150 Haacht (BE).
VANDER ELST, Pierre, J. [BE/BE]; Albertlaan 2, B-1982 Elewijt (BE).

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

(11) **WO 98/51728** (13) A2

(21) PCT/US97/22276

(22) **5 Dec/déc 1997 (05.12.1997)**

(25) en (26) en

(31) 08/775,657 (32) **31 Dec/déc 1996 (31.12.1996)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C08G 63/00**

(54) ● HYDROXY-FUNCTIONALIZED POLYESTER AND POLY(ESTER ETHER) OLIGOMERS

- OLIGOMERES DE POLYESTER ET DE POLY(ESTER ETHER) HYDROXY-FONCTIONNALISES
- (63) US 08/775.657 (CIP)
31 Dec/déc 1996 (31.12.1996)
- (71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WANG, David, S.** [US/US]; 214 Raintree Lane, Lake Jackson, TX 77566 (US). **WHITE, Jerry, E.** [US/US]; 418 Huckleberry Drive, Lake Jackson, TX 77566 (US). **MANG, Michael, N.** [US/US]; 6109 Pinewood Drive, Midland, MI 48640 (US). **BECKERDITE, John, M.** [US/US]; 60 Sunrose Court, Lake Jackson, TX 77566 (US).
- (74) **DAMOCLES, Nemia, C.**; Patent Dept., P.O. Box 1967, Midland, MI 48641-1967 (US).
- (81) BR CA CN CZ JP KR MX PL RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/51729** (13) A1
(21) PCT/EP98/02674
(22) **6 May/mai 1998 (06.05.1998)**
(25) de (26) de
(31) 197 19 875.9 (32) **12 May/mai 1997 (12.05.1997)** (33) DE
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C08G 65/10**
(54) ● METHOD FOR POLYMERIZING CYCLIC ETHER
● PROCEDE POUR LA POLYMERISATION D'ETHERS CYCLIQUES
(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **ELLER, Karsten** [DE/DE]; Bayernstrasse 45, D-67061 Ludwigshafen (DE). **STEIN, Frank** [DE/DE]; Seebacher Strasse 37, D-67098 Bad Dürkheim (DE). **SIGWART, Christoph** [DE/DE]; Kurpfalzstrasse 9, D-69198 Schriesheim (DE). **BECKER, Rainer** [DE/DE]; Im Haseneck 22, D-67098 Bad Dürkheim (DE). **PLITZKO, Klaus-Dieter** [DE/DE]; Kalmitweg 24, D-67117 Limburgerhof (DE). **FISCHER, Rolf** [DE/DE]; Bergstrasse 98, D-69121 Heidelberg (DE). **MÜLLER, Ulrich** [DE/DE]; Am Stecken 14a, D-67435 Neustadt (DE).
- (74) **ISENBRÜCK, Günter;** Bardehle, Theodor-Heuss-Anlage 12, D-68165 Mannheim (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 98/51730** (13) A1
(21) PCT/US98/09323
(22) **7 May/mai 1998 (07.05.1998)**
(25) en (26) en
(31) 08/856.073 (32) **14 May/mai 1997 (14.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C08G 79/02**
(54) ● PURIFICATION OF POLYPHOSPHAZENE POLYACIDS
● PURIFICATION DES POLYACIDES DE POLYPHOSPHAZENE
- (71) **VIRUS RESEARCH INSTITUTE, INC.** [US/US]; 61 Moulton Street, Cambridge, MA 02138 (US).
- (72) **ANDRIANOV, Alexander K.**; 108 Pine Street, Belmont, MA 02178 (US). **LeGOLVAN, Mark, P.**; 39 Westover Street, West Roxbury, MA 02132 (US). **SVIRKIN, Yuri;** 9 Maple Terrace, Belmont, MA 02178 (US). **SULE, Sameer, S.;** 31 Royal Crest Drive #2, Malboro, MA 01752 (US).
- (74) **LILLIE, Raymond, J.** et al. / etc.; Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein, 6 Becker Farm Road, Roseland, NJ 07068 (US).
- (81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/51731** (13) A1
(21) PCT/EP97/02705
(22) **14 May/mai 1997 (14.05.1997)**
(25) en (26) en
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C08J 3/05, 3/03, C08L 33/06, 39/08, C10L 1/10**
(54) ● POLYMER COMPOSITIONS
● COMPOSITIONS DE POLYMERES
(71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).
- (72) **BRAAMS, Johannes, Franciscus, Hendrikus;** Badhuisweg 3, NL-1031 CM Amsterdam (NL). **REYNHOÛT, Marinus, Johannes;** Badhuisweg 3, NL-1031 CM Amsterdam (NL). **IN 'T VEEN, Bernardus, Cornelis, Maria;** 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 HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/51732** (13) A1
(21) PCT/JP98/02071
(22) **11 May/mai 1998 (11.05.1998)**
(25) ja (26) ja
(31) 9/125475 (32) **15 May/mai 1997 (15.05.1997)** (33) JP
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C08J 5/18, C08L 23/10**
(54) ● UNSTRETCHED POLYPROPYLENE MOLDING
● MOULAGE EN POLYPROPYLENE NON ETIRE
(71) **CHISSO CORPORATION** [JP/JP]; 6-32, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-0005 (JP).
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- (72, 75) **OKAYAMA, Chikashi** [JP/JP]; 4-14-6, Chiharadai, 1906, Kusakari, Ichihara-shi, Chiba 290-0158 (JP). **NAKASHIMA, Takanori** [JP/JP]; 8890, Goi, Ichihara-shi, Chiba 290-0056 (JP). **ISHIMOTO, Yuya** [JP/JP]; 366-1, Shiizu, Ichihara-shi, Chiba 299-0118 (JP). **NAKADA, Shinji** [JP/JP]; 17, Tasumidai Higashi 2-chome, Ichihara-shi, Chiba 290-0003 (JP). **MOCHIZUKI, Yasuhiro** [JP/JP]; 12, Takasu 4-chome, Mihama-ku, Chiba-shi, Chiba 261-0004 (JP). **AKITAYA, Shinichi** [JP/JP]; 2897-79, Kikuma, Ichihara-shi, Chiba 290-0007 (JP). **SUMI, Yoshitaka** [JP/JP]; 17, Tatsumidai, Higashi 2-chome, Ichihara-shi, Chiba 290-0003 (JP).
- (74) **TOYAMA, Tsutomu** et al. / etc.; Yokoyama Building, 6th floor, 4-10, Higashi Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0004 (JP).
- (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 98/51733** (13) A1
(21) PCT/US97/07955
(22) **9 May/mai 1997 (09.05.1997)**
(25) en (26) en
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C08J 5/22, C25B 13/02, B01D 69/10, 69/12**
(54) ● PROCESS FOR MAKING COMPOSITE ION EXCHANGE MEMBRANES
● PROCEDE DE PREPARATION DE MEMBRANES COMPOSITES ECHANGEUSES D'IONS
(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
- (72) **BANERJEE, Shoibal;** 133 Brook Run, Hockessin, DE 19707 (US). **SUMMERS, John, Donald;** Apartment 9, 4900 Independence Boulevard, Lumberton, NC 28358 (US).
- (74) **HENDRICKSON, John, S.;** E.I. du Pont de Nemours and Company, Legal/Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).
- (81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/51734** (13) A1
(21) PCT/EP97/02457
(22) **14 May/mai 1997 (14.05.1997)**
(25) de (26) de
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C08J 9/16, C08F 12/04, 12/08, C08J 9/00 // (C08J 9/16, C08L 25:04)**
(54) ● METHOD FOR PRODUCING EXPANDABLE STYRENE POLYMERS CONTAINING GRAPHITE PARTICLES
● PROCEDE DE PRODUCTION DE POLYMERISATS DE STYRENE EXPANSIBLES CONTENANT DES PARTICULES DE GRAPHITE
(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **GLÜCK, Guiscard** [DE/DE]; An den Mühlwegen 11, D-55129 Mainz (DE). **HAHN, Klaus** [DE/DE]; Im Bügen 9, D-67281 Kirchheim (DE). **BATSCHIEDER, Karl-Heinz** [DE/DE]; Ludwigshafener Strasse 29, D-67112 Mutterstadt (DE). **NAEGELE, Dieter** [DE/DE]; Skellstrasse 6, D-67550 Worms (DE). **KAEMPFER, Knut** [DE/DE]; Petersstrasse 1, D-67065 Ludwigshafen

(DE). **HUSEMANN, Wolfram** [DE/DE]; Josef-Von-Eichendorff-Strasse 4, D-67435 Neustadt (DE). **HOHWILLER, Frieder** [DE/DE]; Im Haseneck 2, D-67098 Bad Dürkheim (DE).

(74) **BASF AKTIENGESELLSCHAFT**; D-67056 Ludwigshafen (DE).

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

(11) **WO 98/51735** (13) A1

(21) PCT/EP97/02458

(22) **14 May/mai 1997 (14.05.1997)**

(25) de (26) de

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C08J 9/16, 9/00, 9/14 // (C08J 9/16, C08L 25:04)**

(54) ● EXPANDABLE STYRENE POLYMERS CONTAINING GRAPHITE PARTICLES

● POLYMERISATS DE STYRENE EXPANSIBLES CONTENANT DES PARTICULES DE GRAPHITE

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).

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

(72, 75) **GLÜCK, Guiscard** [DE/DE]; An den Mühlwegen 11, D-55129 Mainz (DE). **HAHN, Klaus** [DE/DE]; Im Bügen 9, D-67281 Kirchheim (DE). **KAEMPFER, Knut** [DE/DE]; Petersstrasse 1, D-67065 Ludwigshafen (DE). **NAEGELE, Dieter** [DE/DE]; Skellstrasse 6, D-67550 Worms (DE).

(74) **BASF AKTIENGESELLSCHAFT**; D-67056 Ludwigshafen (DE).

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

(11) **WO 98/51736** (13) A1

(21) PCT/EP98/02510

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) de (26) de

(31) 197 19 844.9 (32) **12 May/mai 1997 (12.05.1997)** (33) DE

(31) 198 06 740.2 (32) **18 Feb/fév 1998 (18.02.1998)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C08K 3/34, 3/36, 3/20, 3/30**

(54) ● METHOD FOR PRODUCING RIGID OPEN-CELL POLYURETHANE AND/OR POLYISOCYANURATE FOAMS

● PROCEDE DE PRODUCTION DE MOUSSES DE POLYURETHANE ET/OU DE POLYISOCYANURATE RIGIDES A ALVEOLES OUVERTES

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).

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

(72, 75) **KLESCZEWSKI, Bert** [DE/DE]; Karl-Müller-Strasse 33, D-40237 Düsseldorf (DE). **SANDERS, Josef** [DE/DE]; Heymannstrasse 42, D-51373 Leverkusen (DE). **HEINEMANN, Torsten** [DE/DE]; Andreas-Gryphius-Strasse 7, D-51065 Köln (DE). **KLÄN, Walter** [DE/DE];

August-Kekule-Strasse 12, D-51373 Leverkusen (DE).

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

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

(11) **WO 98/51737** (13) A1

(21) PCT/US98/09950

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

(25) en (26) en

(31) 60/046,568 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(31) Not furnished / non communiqué (32) **15 May/mai 1998 (15.05.1998)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C08K 3/34, C08L 69/00, 51/04**

(54) ● AROMATIC POLYCARBONATE RESIN COMPOSITION FOR MOLDING

● COMPOSITION DE RESINES AROMATIQUES DE POLYCARBONATE DESTINEES AU MOULAGE

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **PARMER, Jerome, F.**; 8 Longwood Drive, Loudonville, NY 12211 (US). **STODDARD, Gregory, James**; Ansovislaan 3, NL-4617 AN Bergen op Zoom (NL).

(74) **WINTER, Catherine, J.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

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

(11) **WO 98/51738** (13) A1

(21) PCT/US98/09817

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

(25) en (26) en

(31) 857,276 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C08K 5/00, B32B 27/08, B65D 81/26**

(54) ● AMORPHOUS SILICA IN PACKAGING FILM

● SILICE AMORPHE DANS UN FILM D'EMBALLAGE

(71) **CRYOVAC, INC.** [US/US]; 100 Rogers Bridge Road, P.O. Box 464, Duncan, SC 29334 (US).

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

(72, 75) **BECRAFT, Michael, L.** [US/US]; 10406 Poppins Court, Woodstock, MD 21163 (US). **MIRANDA, Nathanael, R.** [US/US]; 540 Palmetto Street, Spartanburg, SC 29302 (US).

(74) **QUATT, Mark, B.** et al. / etc.; 100 Rogers Bridge Road, P.O. Box 464, Duncan, SC 29334 (US).

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

(11) **WO 98/51739** (13) A1

(21) PCT/EP98/02843

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

(25) de (26) de

(31) 197 20 269.1 (32) **14 May/mai 1997 (14.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C08K 9/04, C09K 21/00**

(54) ● NANO COMPOSITE FOR THERMAL INSULATION

● NANOCOMPOSITE POUR ISOLATION THERMIQUE

(71) **INSTITUT FÜR NEUE MATERIALIEN GE-MEINNÜTZIGE GMBH** [DE/DE]; Gebäude 43a, Im Stadtwald, D-66123 Saarbrücken (DE).

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

(72, 75) **SCHMIDT, Helmut** [DE/DE]; Im Königswald 29, D-66130 Saarbrücken (DE). **MENNIG, Martin** [DE/DE]; Mittelstrasse 5, D-66287 Quierschied (DE). **JONSCHKER, Gerhard** [DE/DE]; Grünwaldstrasse 12, D-66583 Spiesen-Elversberg (DE).

(74) **BARZ, Peter**; Kaiserplatz 2, D-80803 München (DE).

(81) AU CN CZ JP KR 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 98/51740** (13) A2

(21) PCT/US98/09583

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 08/856,073 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C08L**

(54) ● PURIFICATION OF POLYPHOSPHAZENE POLYACIDS

● PURIFICATION DES POLYACIDES DU POLYPHOSPHAZENE

(71) **VIRUS RESEARCH INSTITUTE, INC.** [US/US]; 61 Moulton Street, Cambridge, MA 02138 (US).

(72) **ANDRIANOV, Alexander, K.**; 108 Pine Street, Belmont, MA 02178 (US). **LeGOLVAN, Mark, P.**; 39 Westover Street, West Roxbury, MA 02132 (US). **SVIRKIN, Yuri**; 9 Maple Terrace, Belmont, MA 02178 (US). **SULE, Sameer, S.**; 31 Royal Crest Drive #2, Marlboro, MA 01752 (US).

(74) **LILLIE, Raymond, J.** et al. / etc.; Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein, 6 Becker Farm Road, Roseland, NJ 07068 (US).

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

(11) **WO 98/51741** (13) A1

(21) PCT/US98/09978

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

(25) en (26) en

(31) 08/857,457 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C08L 23/08, A63B 37/00**

(54) ● GOLF BALL COMPOSITION
● COMPOSITION DE BALLE DE GOLF

(71) **ACUSHNET COMPANY** [US/US]; 333 Bridge Street, Fairhaven, MA 02719 (US). **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) **RAJAGOPALAN, Murali**; 11 Flagship Drive, South Dartmouth, MA 02748 (US). **STATZ, Robert, J.**; 1115 Beverly Drive, Kennett Square, PA 19348 (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).

Published / Publiée : (c)

(11) **WO 98/51742** (13) A1

(21) PCT/US98/09511

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 60/046,210 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C08L 23/10 // (C08L 23/10, 51:06, 71:02)**

(54) ● POLYOLEFIN CONTAINING POLYETHERAMINE MODIFIED FUNCTIONALIZED POLYOLEFIN
● POLYOLEFINE CONTENANT UNE POLYOLEFINE FONCTIONNALISEE MODIFIEE PAR POLYETHERAMINE

(71) **HUNTSMAN PETROCHEMICAL CORPORATION** [US/US]; 7114 North Lamar Boulevard, Austin, TX 78752 (US).

(72) **DOMINGUEZ, Richard, J., G.**; 8112 Matchlock Cove, Austin, TX 78729 (US). **HENKEE, Christopher, S.**; 1501 Barton Springs Road, Austin, TX 78704 (US). **CRAWFORD, Wheeler, C.**; 17903 Canyon Creek Road, Houston, TX 77090 (US). **CUMMINGS, Gerald, W.**; 1217 Brassie Court, Chesapeake, VA 23320 (US). **HESS, Kevin, J.**; Apartment 1224, 3401 Parmer Lane, Austin, TX 78727 (US). **CLARK, Richard, J.**; 1615 Bayard Park Drive, Evansville, IN 47714 (US). **EVANS, Randall, K.**; 15502 Juniper Holloway, Cypress, TX 77425 (US).

(74) **STOLLE, Russell, R.**; Huntsman Corporation, P.O. Box 15730, Austin, TX 78761 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ 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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(21) PCT/JP98/02088

(22) **12 May/mai 1998 (12.05.1998)**

(25) ja (26) ja

(31) 9/124203 (32) **14 May/mai 1997 (14.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C08L 33/12, C08F 2/44, C04B 26/06, B29C 45/00, B29K 33/04**

(54) ● (METH)ACRYLIC RESIN COMPOSITION FOR THERMOSET INJECTION MOLDING, PROCESS FOR THE PREPARATION OF THE COMPOSITION, AND PROCESS FOR THE PRODUCTION OF MOLDINGS OF (METH)ACRYLIC RESINS

● COMPOSITION DE RESINES (METH)ACRYLIQUES POUR PIECE MOULEE PAR INJECTION THERMODURCIE, PROCEDE POUR LA PREPARATION DE CETTE COMPOSITION ET PROCEDE POUR LA PRODUCTION DE PIECES MOULEES EN RESINES (METH)ACRYLIQUES

(71) **MITSUBISHI RAYON CO., LTD.** [JP/JP]; 3-19, Kyobashi 2-chome, Chuo-ku, Tokyo 104-8350 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOYANAGI, Seiya** [JP/JP]; Products Development Laboratories, Mitsubishi Rayon Co., Ltd., 1-60, Sunadabashi 4-chome, Higashi-ku, Nagoya-shi, Aichi 461-8677 (JP). **KISHIMOTO, Yuichiro** [JP/JP]; Products Development Laboratories, Mitsubishi Rayon Co., Ltd., 1-60, Sunadabashi 4-chome, Higashi-ku, Nagoya-shi, Aichi 461-8677 (JP). **YANASE, Akitada** [JP/JP]; Toyohashi Plants, Mitsubishi Rayon Co., Ltd., 1-2, Ushikawadori 4-chome, Toyohashi-shi, Aichi 440-8601 (JP). **KAZEHAYA, Yuuji** [JP/JP]; Toyohashi Plants, Mitsubishi Rayon Co., Ltd., 1-2, Ushikawadori 4-chome, Toyohashi-shi, Aichi 440-8601 (JP).

(74) **WAKABAYASHI, Tadashi** et al. / etc.; 8th floor, 16th Kowa Building, 9-20, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

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

(11) **WO 98/51744** (13) A1

(21) PCT/JP98/02019

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

(25) ja (26) ja

(31) 9/121124 (32) **12 May/mai 1997 (12.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C08L 63/00, 31/08, C08F 2/22**

(54) ● EPOXY RESIN COMPOSITION
● COMPOSITION A BASE DE RESINE EPOXYDE

(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) **TOMOI, Masao** [JP/JP]; 6-14-14, Kamoi, Midori-ku, Yokohama-shi, Kanagawa 226-0003 (JP). **IJIMA, Takao** [JP/JP]; 2-20-16, Wada, Hodogaya-ku, Yokohama-shi, Kanagawa 240-0065 (JP). **NAKAMURA, Seiji** [JP/JP]; 7-1-103, Mukonosato 2-chome, Amagasaki-shi, Hyogo 661-0041 (JP). **SHIMIZU, Yasumi** [JP/JP]; 7-1, Misono-cho, Kawanishi-shi, Hyogo 666-0013 (JP). **AOKI, Koji** [JP/JP]; 25, Ando-cho 4-chome, Itami-shi, Hyogo 664-0864 (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 KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/51745** (13) A1

(21) PCT/JP98/01928

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) ja (26) ja

(31) 9/121232 (32) **12 May/mai 1997 (12.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C08L 101/00, C08K 5/103, 5/00, A01G 9/14, C08L 27/06, 23/00**

(54) ● SYNTHETIC RESIN FILM FOR AGRICULTURAL USE EXCELLENT IN ANTIFOG AND ANTIMIST PROPERTIES

● FILM EN RESINE SYNTHETIQUE UTILISE EN AGRICULTURE, POSSEDANT D'EXCELLENTE PROPRIETES ANTIBUEE ET ANTIBROUILLARD

(71) **CLARIANT INTERNATIONAL LTD.** [CH/CH]; Rothausstrasse 61, CH-4132 Muttenz 1 (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOGA, Takuya** [JP/JP]; 309-38, Nakao, Urawa-shi, Saitama 336-0932 (JP). **OHSAWA, Hiroshi** [JP/JP]; Clariant (Japan) K.K., 3810, Chihama, Daitocho, Ogasa-gun, Shizuoka 437-1496 (JP). **NAKAMURA, Masaki** [JP/JP]; Clariant (Japan) K.K., 3810, Chihama, Daitocho, Ogasa-gun, Shizuoka 437-1496 (JP).

(74) **KANAOKI, Hiroki**; Mutsumi Int. Patent Bureau, Bandai Building, 10-14, Kandaawajicho 2-chome, Chiyoda-ku, Tokyo 101-0063 (JP).

(81) CN KR US; EP (BE DE ES FR GB IT NL).

(11) **WO 98/51746** (13) A1

(21) PCT/EP98/02847

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

(25) en (26) en

(31) 197 20 292.6 (32) **15 May/mai 1997 (15.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C09D 4/00, C08F 222/10, C03C 17/30, B65D 25/34**

(54) ● RADIATION-CURABLE COATING MATERIAL AND ITS USE FOR PRODUCING MULTICOAT PAINT SYSTEMS, ESPECIALLY FOR COATING PACKAGING CONTAINERS

● MATERIAU DE REVETEMENT POUVANT ETRE CUIT ELECTRONIQUEMENT ET UTILISATION DE CE MATERIAU POUR

- PRODUIRE DES SYSTEMES DE PEINTURE A PLUSIEURS COUCHES, EN PARTICULIER, POUR RECOUVRIRE DES RECIPIENTS D'EMBALLAGE
- (71) **PPG INDUSTRIES, INC.** [US/US]; One PPG Place, Pittsburgh, PA 15272 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KRANIG, Wolfgang** [DE/DE]; Erlengrund 276, D-48308 Senden (DE). **MEISENBURG, Uwe** [DE/DE]; Im Höschegrund 102, D-47259 Duisburg (DE). **ZURSTRASSEN, Anneliese** [DE/DE]; Hülshede 13, D-48165 Münster (DE). **VON WULFEN, Norbert** [DE/DE]; Duesbergweg 65b, D-48153 Münster (DE).
- (74) **STERNAGEL & FLEISCHER**; Braunsberger Feld 29, D-51429 Bergisch Gladbach (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 98/51747** (13) A1
(21) PCT/EP98/02842
(22) **13 May/mai 1998 (13.05.1998)**
(25) de (26) de
(31) 197 19 948.8 (32) **13 May/mai 1997 (13.05.1997)** (33) DE
(31) 197 46 885.3 (32) **23 Oct/oct 1997 (23.10.1997)** (33) DE
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C09D 4/06, C08F 283/12, C08G 77/20, C04B 26/02, 26/32, C08K 3/00**
(54) ● NANOSTRUCTURED MOULDED BODIES AND LAYERS AND METHOD FOR PRODUCING SAME
● CORPS MOULES ET COUCHES NANOSTRUCTURES ET LEUR PROCEDE DE PRODUCTION
(71) **INSTITUT FÜR NEUE MATERIALIEN GEM. GMBH** [DE/DE]; Gebäude 43a, Im Stadtwald, D-66123 Saarbrücken (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ARPAC, Ertugrul** [TR/TR]; Akdeniz Üniversitesi, Fen Edebiyat Fakültesi, PK 510, 07200 Antalya (TR). **KRUG, Herbert** [DE/US]; 1039 Red Oak Drive, Harrison City, PA 15636 (US). **MÜLLER, Peter** [DE/DE]; Wäschbachstrasse 18, D-66557 Illingen (DE). **OLIVEIRA, Peter, W.** [DE/DE]; Bismarckstrasse 8, D-66111 Saarbrücken (DE). **SCHMIDT, Helmut** [DE/DE]; Im Königsfeld 29, D-66130 Saarbrücken (DE). **SEPEUR, Stefan** [DE/DE]; Kirchstrasse 22, D-66787 Ludgassen (DE). **WERNER, Bettina** [DE/DE]; Jahnstrasse 58, D-66125 Dudweiler (DE).
- (74) **BARZ, Peter**; Kaiserplatz 2, D-80803 München (DE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/51748** (13) A1
(21) PCT/JP98/02165
(22) **15 May/mai 1998 (15.05.1998)**
(25) ja (26) ja
(31) 9/125443 (32) **15 May/mai 1997 (15.05.1997)** (33) JP
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C09D 5/03, 7/14**
(54) ● GRANULATED POWDERY PAINT AND PROCESS FOR PRODUCING THE SAME
● PEINTURE PULVERULENTE EN GRANULES ET SON PROCEDE DE PREPARATION
(71) **KANSAI PAINT CO., LTD.** [JP/JP]; 33-1, Kan-zaki-cho, Amagasaki-shi, Hyogo 661-0964 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KAWAMOTO, Yugen** [JP/JP]; Kansai Paint Yawata-ryo, 4-14-22, Higashiyawata, Hiratsuka-shi, Kanagawa 254-0016 (JP). **KATO, Yoshinori** [JP/JP]; Kansai Paint Shataku 2-232, 603, Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0817 (JP). **UEDA, Shinichi** [JP/JP]; Kansai Paint Yawata-ryo, 4-14-22, Higashiyawata, Hiratsuka-shi, Kanagawa 254-0016 (JP). **WAKIMOTO, Mituo** [JP/JP]; 2681, Kamikasuya, Isehara-shi, Kanagawa 259-1141 (JP). **OHKOSHI, Toshio** [JP/JP]; Sanraifu Hon-atsugi 506, 1-16-15, Asahi-cho, Atsugi-shi, Kanagawa 243-0014 (JP).
- (74) **SAEGUSA, Eiji** et al. / etc.; Kitahama TNK Building, 1-7-1, Dosho-machi, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).
- (81) CA JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/51749** (13) A1
(21) PCT/GB98/01352
(22) **12 May/mai 1998 (12.05.1998)**
(25) en (26) en
(31) 08/854,598 (32) **12 May/mai 1997 (12.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C09D 11/00**
(54) ● SEDIMENTATION FREE JET INK COMPOSITION
● COMPOSITION POUR JET D'ENCRE NE PRESENTANT PAS DE SEDIMENTATION
(71) **THE GENERAL ELECTRIC COMPANY, PLC** [GB/GB]; One Bruton Street, London W1X 8AQ (GB).
(72) **ADAMSON, Sherry, L.**; Unit 1D, 1101 South Mercury Drive, Schaumburg, IL 60193-3400 (US).
(74) **MCGOWAN, Nigel, George**; GEC Patent Dept., Waterhouse Lane, Chelmsford, Essex CM1 2QX (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 98/51750** (13) A1
(21) PCT/US98/09989
(22) **15 May/mai 1998 (15.05.1998)**
(25) en (26) en
(31) 08/858,078 (32) **16 May/mai 1997 (16.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C09D 11/08, 11/10, 11/12, 11/14**
(54) ● HOT MELT INK
● ENCRE THERMOFUSIBLE
(71) **MARKEM CORPORATION** [US/US]; 150 Congress Street, Keene, NH 03431 (US).
(72) **BAKER, Richard**; Apartment #41, 40 Woodburn Street, Keene, NH 03431 (US). **REITNAUER, Ann**; Windmill Hill Road, Dublin, NH 03444 (US).
(74) **GAGEL, John, J.**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).
(81) JP 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 98/51751** (13) A1
(21) PCT/US98/08881
(22) **12 May/mai 1998 (12.05.1998)**
(25) en (26) en
(31) 08/856,062 (32) **14 May/mai 1997 (14.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C09D 17/00**
(54) ● A METHOD FOR MAKING A PHOTODURABLE AQUEOUS TITANIUM DIOXIDE PIGMENT SLURRY
● PROCEDE DE FABRICATION D'UNE SUSPENSION AQUEUSE PHOTOSTABLE DE PIGMENTS DE DIOXYDE DE TITANE
(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
(72) **MARGANSKI, Robert, Elroy**; 1 Wood Song Circle, Newark, DE 19711 (US). **OTT, Michael, Warren**; 14 Barnard Street, Newark, DE 19711 (US).
(74) **SULLIVAN, Daniel, W.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).
(81) AU BR CA 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 98/51752** (13) A1
(21) PCT/JP98/01018
(22) **11 Mar/mar 1998 (11.03.1998)**
(25) ja (26) ja
(31) 9/122445 (32) **13 May/mai 1997 (13.05.1997)** (33) JP
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C09D 183/07, 183/02, C03C 17/30**
(54) ● COATING MATERIAL FOR FORMING VITREOUS COATING FILM, METHOD OF COATING WITH THE SAME, AND COATER

- MATERIAU DE REVETEMENT PERMETTANT D'OBTENIR UN FILM DE REVETEMENT VITREUX, PROCEDE DE FORMATION D'UN REVETEMENT A L'AIDE DE CELUI-CI, ET DISPOSITIF D'APPLICATION DE REVETEMENT
- (71) **KIRIN BEER KABUSHIKI KAISHA** [JP/JP]; 10-1, Shinkawa 2-chome, Chuo-ku, Tokyo 104-8288 (JP). **THE CLEAN JAPAN CENTER FOUNDATION** [JP/JP]; 6-2, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HAYASHI, Kazutaka** [JP/JP]; Kirin Beer Kabushiki Kaisha, 10-1, Shinkawa 2-chome, Chuo-ku, Tokyo 104-8288 (JP). **KIM, Nam-Heun** [KR/JP]; Kirin Beer Kabushiki Kaisha, 10-1, Shinkawa 2-chome, Chuo-ku, Tokyo 104-8288 (JP). **SHIRAKURA, Akira** [JP/JP]; Kirin Beer Kabushiki Kaisha, 10-1, Shinkawa 2-chome, Chuo-ku, Tokyo 104-8288 (JP).
- (74) **SATO, Kazuo** et al. / etc.; Kyowa Patent & Law Office, Fuji Building, Room 323, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
- (81) AU CA JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/51753** (13) A1
(21) PCT/US98/09400
(22) **7 May/mai 1998 (07.05.1998)**
(25) en (26) en
(31) 60/046,166 (32) **12 May/mai 1997 (12.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C09F 5/10**
(54) ● CONTINUOUS CRYSTALLIZATION SYSTEM WITH CONTROLLED NUCLEATION FOR MILK FAT FRACTIONATION
● SYSTEME DE CRISTALLISATION CONTINUE AVEC REGULATION DE LA NUCLEATION POUR LE FRACTIONNEMENT DES MATIERES GRASSES LAITIERES
- (71) **WISCONSIN ALUMNI RESEARCH FOUNDATION** [US/US]; P.O. Box 7365, Madison, WI 53707-7365 (US).
- (72) **HARTEL, Richard, W.**; 862 Terry Place, Madison, WI 53711 (US). **BAOMIN, Liang**; 466 Hilltop Drive, Madison, WI 53711 (US). **YU-PING, Shi**; 466 Hilltop Drive, Madison, WI 53711 (US).
- (74) **BARTA, Kent**; Michael Best & Friedrich LLP, 100 East Wisconsin Avenue, Milwaukee, WI 53202-4108 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51754** (13) A1
(21) PCT/JP98/02095
(22) **12 May/mai 1998 (12.05.1998)**
(25) en (26) en
(31) 9/137488 (32) **13 May/mai 1997 (13.05.1997)** (33) JP
(31) 08/988,905 (32) **11 Dec/déc 1997 (11.12.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C09J 133/06, 7/02, B08B 17/04**
(54) ● ADHESIVE COMPOSITION
● COMPOSITION ADHESIVE
- (71) **SOKEN CHEMICAL & ENGINEERING CO., LTD.** [JP/JP]; 29-5, Takada 3-chome, Toshima-ku, Tokyo 171-0033 (JP). **LINTEC CORPORATION** [JP/JP]; 23-23, Hon-cho, Itabashi-ku, Tokyo 173-0001 (JP).
- (72) **TOMITA, Koji**; Soken Chemical & Engineering Co., Ltd., 130, Kami-Hirose, Sayama-shi, Saitama-ken 350-1321 (JP).
- (74) **ONO, Nobuo**; Kanda SK Building 6F, 3-22, KandaSakuma-cho, Chiyoda-ku, Tokyo 101-0025 (JP).
- (81) AU CA CN ID 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 98/51755** (13) A1
(21) PCT/IB98/00702
(22) **11 May/mai 1998 (11.05.1998)**
(25) en (26) en
(31) 08/854,698 (32) **12 May/mai 1997 (12.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C09J 151/00, A61K 7/48**
(54) ● TOUGHENED GRAFTED POLYMERS
● POLYMERES GREFFES RENFORCES
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) **MIDHA, Sanjeev**; Apartment 2D, 9274 Deer-cross Parkway, Blue Ash, OH 45236 (US). **NI-JAKOWSKI, Timothy, Roy**; Apartment 15, 4003 Sharon Park Lane, Cincinnati, OH 45241 (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 98/51756** (13) A1
(21) PCT/JP98/02082
(22) **11 May/mai 1998 (11.05.1998)**
(25) ja (26) ja
(31) 9/120587 (32) **12 May/mai 1997 (12.05.1997)** (33) JP
(31) 9/343249 (32) **12 Dec/déc 1997 (12.12.1997)** (33) JP
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C09J 163/00, 4/02, 5/04, 5/06, H01B 1/20, H01L 21/52**
(54) ● ADHESIVE, METHOD FOR BONDING, AND ASSEMBLIES OF MOUNTED BOARDS
- ADHESIF, PROCEDE DE COLLAGE ET ASSEMBLAGES DE PANNEAUX MONTES
- (71) **FUJITSU LIMITED** [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DATE, Hiroaki** [JP/JP]; Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **MOTOYAMA, Yuko** [JP/JP]; Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **TO-KUHIRA, Hidesi** [JP/JP]; Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **USUI, Makoto** [JP/JP]; Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **IMAIZUMI, Nobuhiro** [JP/JP]; Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) **NOGAWA, Shintaro**; Quarter-1 Building, 1-3, Nishitenma 5-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (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 98/51757** (13) A1
(21) PCT/JP98/01947
(22) **27 Apr/avr 1998 (27.04.1998)**
(25) ja (26) ja
(31) 9/125192 (32) **15 May/mai 1997 (15.05.1997)** (33) JP
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C09K 11/06, H01L 33/00**
(54) ● ORGANIC ELECTROLUMINESCENCE ELEMENT
● ELEMENT ELECTROLUMINESCENT ORGANIQUE
- (71) **SANYO ELECTRIC CO., LTD.** [JP/JP]; 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SANO, Takeshi** [JP/JP]; Sanyo Electric Co., Ltd., 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP). **NISHIO, Yoshitaka** [JP/JP]; Sanyo Electric Co., Ltd., 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP).
- (74) **MATSUKAWA, Katsuaki**; Honmachi Shinkosan Building, 5-7, Nishihonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0005 (JP).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (a)
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- (11) **WO 98/51758** (13) A1
(21) PCT/US98/07734
(22) **16 Apr/avr 1998 (16.04.1998)**
(25) en (26) en
(31) 08/857,325 (32) **16 May/mai 1997 (16.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C09K 15/06, A23L 3/3436, C07C 49/786, 45/46, B32B 27/18, B65D 81/26, 51/24, C08K 5/00**
(54) ● PHOTOINITIATORS AND OXYGEN SCAVENGING COMPOSITIONS

- PHOTOAMORCEURS ET COMPOSITIONS DESOXYGENANTES
- (71) **CHEVRON CHEMICAL COMPANY LLC** [US/US]; 555 Market Street, San Francisco, CA 94105 (US).
- (72) **KATSUMOTO, Kiyoshi**; 2615 Brooks Avenue, El Cerrito, CA 94530 (US). **CHING, Ta, Yen**; 10 Santa Yornna Court, Novato, CA 94945 (US). **GOODRICH, Joseph, L.**; 3545 Wilkinson Lane, Lafayette, CA 94549 (US). **SPEER, Drew, Ve**; 6229 Slender Sky, Columbia, MD 21044 (US).
- (74) **HAYMOND, W., Bradley** 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 CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) WO 98/51759 (13) A1

(21) PCT/US98/10093

(22) 16 May/mai 1998 (16.05.1998)

(25) en (26) en

(31) 857,226 (32) 16 May/mai 1997 (33) US (16.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ C09K 15/06, A23L 3/3436, B65D 81/26, B32B 27/18

- (54) ● LOW MIGRATORY PHOTINIATORS FOR OXYGEN-SCAVENGING COMPOSITIONS
- PHOTOAMORCEURS A FAIBLE TENDANCE MIGRATOIRE POUR COMPOSITIONS DESOXYGENANTES

(71) **CRYOVAC, INC.** [US/US]; 100 Rogers Bridge Road, P.O. Box 464, Duncan, SC 29334 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SPEER, Drew, Ve** [US/US]; 6229 Slender Sky, Columbia, MD 21044 (US). **BLINKA, Thomas, Andrew** [US/US]; 11604 Wave Lap Way, Columbia, MD 21044 (US). **BECRAFT, Michael, Lee** [US/US]; 10406 Popkins Court, Woodstock, MD 21163 (US). **MORGAN, Charles, Rupert** [US/US]; 19108 Hoberton Lane, Brookeville, MD 20833 (US).

(74) **QUATT, Mark, B.** et al. / etc.; 100 Rogers Bridge Road, P.O. Box 464, Duncan, SC 29334 (US).

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

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(11) WO 98/51760 (13) A2

(21) PCT/US98/09947

(22) 15 May/mai 1998 (15.05.1998)

(25) en (26) en

(31) 60/046,616 (32) 15 May/mai 1997 (33) US (15.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ C09K 17/00

- (54) ● SOLIDIFICATION AND STABILIZATION OF DREDGED MATERIALS
- SOLIDIFICATION ET STABILISATION DE MATERIAUX DE DRAGAGE

(71) **ECDD EAST, LC** [US/US]; Suite 675, 127 South 500 East, Salt Lake City, UT 84102 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STUDER, Richie** [US/US]; Suite 240, 4570 Westgrove Drive, Addison, TX 75248 (US).

(74) **WARREN, Sanford, E., Jr.** et al. / etc.; Warren & Perez, Suite 500, 4311 Oak Lawn Avenue, Dallas, TX 75219 (US).

(81) 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 98/51761 (13) A1

(21) PCT/US98/09850

(22) 11 May/mai 1998 (11.05.1998)

(25) en (26) en

(31) 60/046,383 (32) 13 May/mai 1997 (33) US (13.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ C10G 9/20

- (54) ● CRACKING FURNACE WITH RADIANT HEATING TUBES
- FOURNEAU DE CRAQUAGE COMPORTANT DES TUBES DE CHAUFFAGE PAR RAYONNEMENT

(71) **STONE & WEBSTER ENGINEERING CORPORATION** [US/US]; 245 Summer Street, Boston, MA 02210-2288 (US).

(72) **BREWER, John, R.**; 20710 Prince Creek, Katy, TX 77450 (US). **BROWN, David, J.**; 19203 Kessington Lane, Houston, TX 77094 (US). **BRUCHER, Peter, H.**; Babcock-Borsig, Tegel, Egellstrasse 21, D-13507 Berlin (DE).

(74) **COX, Charles, M.** et al. / etc.; Pravel, Hewitt & Kimball, 10th floor, 1177 West Loop South, Houston, TX 77027 (US).

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

(11) WO 98/51762 (13) A1

(21) PCT/US98/02755

(22) 13 Feb/fév 1998 (13.02.1998)

(25) en (26) en

(31) 08/855,503 (32) 13 May/mai 1997 (33) US (13.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ C10G 45/00

- (54) ● REMOVAL OF SULFUR FROM A HYDRO-CARBON STREAM BY LOW SEVERITY ADSORPTION
- DESULFURATION D'HYDROCARBURES PAR ADSORPTION DANS DES CONDITIONS PEU SEVERES

(71) **MARATHON OIL COMPANY** [US/US]; 539 South Main Street, Findlay, OH 45840 (US).

(72) **BARTEK, Robert**; 8147 South Leyden Street, Englewood, CO 80112 (US).

(74) **HUMMEL, Jack, L.** et al. / etc.; Marathon Oil Company, P.O. Box 269, Littleton, CO 80160-0269 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51763 (13) A1

(21) PCT/EP98/02833

(22) 11 May/mai 1998 (11.05.1998)

(25) en (26) en

(31) 9709826.3 (32) 15 May/mai 1997 (33) GB (15.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ C10L 1/22, 10/00, 10/04

- (54) ● IMPROVED OIL COMPOSITION
- COMPOSITION DE PETROLE AMELIOREE

(71) **EXXON CHEMICAL PATENTS INC.** [US/US]; 1900 East Linden Avenue, Linden, NJ 07036 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CAPROTTI, Rinaldo** [IT/GB]; 5 Cumnor Rise Road, Oxford, Oxfordshire OX2 9HD (GB). **LEDEORE, Christophe** [FR/GB]; 8 Cumnor Road, Farmoor, Oxfordshire OX2 9NS (GB).

(74) **BAWDEN, Peter, Charles** et al. / etc.; Exxon Chemical Limited, Exxon Chemical Technology Centre, P.O. Box 1, Abingdon, Oxfordshire OX13 6BB (GB).

(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).

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(21) PCT/EP98/01663

(22) 21 Mar/mar 1998 (21.03.1998)

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(31) 197 19 776.0 (32) 10 May/mai 1997 (33) DE (10.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ C11B 7/00, B01D 21/26, B04B 1/12

- (54) ● METHOD AND DEVICE FOR OBTAINING STEARIN FROM ANIMAL OR VEGETABLE FATS
● PROCEDE ET DISPOSITIF POUR PREPARER DE LA STEARINE A PARTIR DE GRAISSES D'ORIGINE ANIMALE OU VEGETALE
- (71) **WESTFALIA SEPARATOR AG** [DE/DE]; Werner-Habig-Strasse 1, D-59302 Oelde (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WIEKING, Wolfgang** [DE/DE]; Lortzing Strasse 49, D-59302 Oelde (DE). **DOLLE, Ernst** [DE/DE]; Fritz-Reuter-Strasse 9, D-59302 Oelde (DE).
- (74) **STRACKE, Alexander** et al. / etc.; Jöllenbecker Strasse 164, D-33613 Bielefeld (DE).
- (81) AU BR MX NZ US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/51765** (13) A1
(21) PCT/IB98/00664
(22) **1 May/mai 1998 (01.05.1998)**
(25) en (26) en
(31) 97303180.0 (32) **9 May/mai 1997 (09.05.1997)** (33) EP
(34) BE et al. / etc.
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C11D 1/66, 3/42**
- (54) ● SPRAYED GRANULE
● GRANULE PULVERISE
- (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) **RIDYARD, Mark, William** [GB/GB]; 42 Ravenswood Road, Heaton, Newcastle upon Tyne NE6 5TU (GB).
- (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).
- (81) BR CA CN JP MX NO TR US.

- (11) **WO 98/51766** (13) A1
(21) PCT/EP98/02598
(22) **2 May/mai 1998 (02.05.1998)**
(25) de (26) de
(31) 197 19 606.3 (32) **9 May/mai 1997 (09.05.1997)** (33) DE
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C11D 1/83, 3/02 // 1/14, 1/72, 1/34**
- (54) ● SOLID PREPARATIONS
● PREPARATIONS SOLIDES
- (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) **LE HEN FERRENBACH, Catherine** [FR/FR]; Résidence les Gémeaux, 10, rue Louis Braille, F-77000 Meaux (FR). **DUFAY, Daniel** [FR/FR]; 9, route de Montargis, F-45320 Courtenay (FR).
- (81) 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 98/51767** (13) A1
(21) PCT/IB98/00710
(22) **13 May/mai 1998 (13.05.1998)**
(25) en (26) en
(31) 60/046,692 (32) **16 May/mai 1997 (16.05.1997)** (33) US
(31) 60/051,278 (32) **30 Jun/juin 1997 (30.06.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C11D 1/83, 1/94, 1/86, 3/34, 3/37**

- (54) ● LIGHT-DUTY LIQUID OR GEL DISH-WASHING DETERGENT COMPOSITIONS HAVING CONTROLLED pH AND DESIRABLE FOOD SOIL REMOVAL AND SUDSING CHARACTERISTICS
● COMPOSITIONS DE DETERGENTS A VAISSELLE DELICATS EN LIQUIDE OU EN GEL, AYANT UN pH REGULE ET DES CARACTERISTIQUES DESIRABLES DE MOUSSAGE ET D'ELIMINATION DES TACHES D'ALIMENTS
- (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) **KACHER, Mark, Leslie** [US/US]; 9731 Montclair, Mason, OH 45040 (US). **ALLOUCH, Fouad, Safooh** [US/US]; 8911 D Harbour Point Drive, Cincinnati, OH 45249 (US). **MURCH, Bruce, Prentiss** [US/US]; 7846 Glenbrook Court, Cincinnati, OH 45224 (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 98/51768** (13) A1
(21) PCT/US98/07006
(22) **6 Apr/avr 1998 (06.04.1998)**
(25) en (26) en
(31) 08/854,405 (32) **12 May/mai 1997 (12.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C11D 3/00, 11/00, 1/62, 3/02**
- (54) ● METHOD FOR CLEANING FOOD PREPARATION SURFACES
● COMPOSITIONS ET PROCEDES D'ELIMINATION DES HUILES ET GRAISSES DES SURFACES DE PREPARATION D'ALIMENTS
- (71) **ECOLAB INC.** [US/US]; Ecolab Center, St. Paul, MN 55102 (US).
- (72) **OAKES, Thomas, R.**; 14525 Morgan Avenue North, Marine, MN 55047 (US). **GUTZMANN, Timothy, A.**; 616 Crimson Leaf Court, Eagan, MN 55123 (US). **ROSS, Cynthia, Lee**; 1281 Shryer Avenue West, Roseville, MN 55113 (US). **SCHMIDT, Bruce, E.**; 1204 Hartford Avenue, St. Paul, MN 55116 (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 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 98/51769** (13) A1
(21) PCT/US98/09520
(22) **13 May/mai 1998 (13.05.1998)**
(25) en (26) en
(31) 9709575.6 (32) **13 May/mai 1997 (13.05.1997)** (33) GB
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C11D 3/12, 3/02**
- (54) ● PROCESS FOR REMOVING TARNISH FROM TARNISHED SILVERWARE
● PROCEDE ANTI-TERNISSANT POUR L'ARGENTERIE TERNIE
- (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) **SMITH, Alison, Moyra** [GB/GB]; Scholar's House, Rothley West Shield, Longwitton, Morpeth, Northumberland NE61 4JZ (GB). **KILBY, Mischa** [GB/CN]; Ground Flr., 36 Taiwan Old Vill., Yuen Shei Wan, Lamma Island, Hong Kong (CN).
- (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).
- (81) 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 98/51770** (13) A1
(21) PCT/US98/09664
(22) **12 May/mai 1998 (12.05.1998)**
(25) en (26) en
(31) 08/854,824 (32) **12 May/mai 1997 (12.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **C11D 3/20, 3/18, 7/50, 3/43**
- (54) ● CLEANING COMPOSITION CONTAINING PINE OIL EXTENDERS
● COMPOSITION NETTOYANTE CONTENANT DES DILUANTS D'HUILE DE PIN
- (71) **EXXON CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520-5200 (US).
- (72) **MERCHANT, Philip, Jr.**; 1551 Mission Springs, Katy, TX 77450 (US). **CHOKSHI, K., K.**; 7939 Bunkerwood Lane, Houston, TX 77086 (US). **KOWALIK, Ralph, M.**; 5922 Autumn Dogwood Way, Kingwood, TX 77345 (US).

- (74) **GREELEY, Paul, D.**; Ohlandt, Greeley, Ruggiero & Perle, Suite 903, One Landmark Square, Stamford, CT 06901 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 : (a)

- (11) **WO 98/51771** (13) A1
- (21) PCT/US97/13726
- (22) **5 Aug/août 1997 (05.08.1997)**
- (25) en (26) en
- (31) PCT/US97/08316 (32) **16 May/mai 1997 (16.05.1997)** (33) WO
- (34) US et al. / etc.
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **C11D 3/37, 1/65 // 3/08, 3/12, 3/06, 1:02, 1:62**
- (54) ● DETERGENT COMPOSITIONS
● COMPOSITIONS DETERGENTES
- (63) US PCT/US97/08316 (CIP)
16 May/mai 1997 (16.05.1997)
- (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) **SARNAIK, Khizar, Mohamed, Khan** [IN/JP]; 5-1-523-302, Koyo-cho Naka, Higashinada-ku, Kobe 658 (JP). **MINAMIKAWA, Kaori** [JP/JP]; 1-26-46, Mitachi-higashi, Himeji 670 (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 HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/51772** (13) A1
- (21) PCT/DE98/01313
- (22) **11 May/mai 1998 (11.05.1998)**
- (25) de (26) de
- (31) 197 19 898.8 (32) **12 May/mai 1997 (12.05.1997)** (33) DE
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **C11D 3/386, 3/28, 3/32, 3/34, 3/20, 3/39**
- (54) ● ENZYMATIC BLEACHING SYSTEM CONTAINING NEW COMPOUNDS FOR INTENSIFYING ENZYMATIC ACTION
● SYSTEME DE BLANCHIMENT AUX ENZYMES A NOUVEAUX COMPOSES RENFORÇANT L'ACTION ENZYMATIQUE
- (71) **CALL, Krimhild** [DE/DE]; Heinsberger Strasse 14a, D-52531 Übach-Palenberg (DE).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **CALL, Hans, Peter** [DE/DE]; Kurfürstenstrasse 6a, D-59821 Arnsberg II (DE).
- (74) **VON CREYTZ, Dietrich**; Tannenweg 25, D-41844 Wegberg (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).

Published / Publiée : (c)

- (11) **WO 98/51773** (13) A1
- (21) PCT/EP98/02579
- (22) **27 Apr/avr 1998 (27.04.1998)**
- (25) en (26) en
- (31) 9709500.4 (32) **9 May/mai 1997 (09.05.1997)** (33) GB
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **C11D 13/16, 17/00, B29C 33/00, 33/02**
- (54) ● CASTING OF SHAPED SOFT SOLID ARTICLES
● COULEE D'ARTICLES PLEINS MOUS FAÇONNES
- (71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
(only for / seulement pour AU BB CA 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 GB GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZW)
- (72) **NADAKATTI, Suresh, Murigeppa**; Hindustan Lever Ltd., Research Centre, Chakala, Andheri East, Mumbai 400 099 (IN). **NAIK, Vijay, Mukund**; Nandadeep Cooperative Housing Society, Jay Prakash Nagar, Goregaon East, Mumbai 400 063 (IN).
- (74) **ELLIOTT, Peter, William**; 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).

- (11) **WO 98/51774** (13) A1
- (21) PCT/US97/20634
- (22) **11 Nov/nov 1997 (11.11.1997)**
- (25) en (26) en
- (31) 29/070,591 (32) **12 May/mai 1997 (12.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **C12C 1/00**
- (54) ● MICROORGANISM CULTURE TRAY
● PLATEAU POUR CULTURE DE MICRO-ORGANISMES
- (71) **NEOGEN CORPORATION** [US/US]; 620 Leshner Place, Lansing, MI 48912 (US).

- (72) **BOHANNON, Lon, Maynard**; 2215 River Court, Lansing, MI 48917 (US). **MILLER, Raymond, Louis**; 361 N. 4th Avenue, Lindenwold, NJ 08021 (US). **VULIMIRI, Sudhakar**; 580 Tomlin Station Road, Gibbstown, NJ 08027 (US).
- (74) **McLEOD, Ian, C.**; 2190 Commons Parkway, Okemos, MI 48864 (US).
- (81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/51775** (13) A2
- (21) PCT/ES98/00139
- (22) **14 May/mai 1998 (14.05.1998)**
- (25) es (26) es
- (31) P 9701036 (32) **14 May/mai 1997 (14.05.1997)** (33) ES
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **C12G**
- (54) ● METHOD FOR OBTAINING CONCENTRATED PRODUCTS FOR PREPARING SANGRIAS AND BEVERAGES FLAVOURED WITH WINE
● PROCEDE D'OBTENTION DE CONCENTRES POUR L'ELABORATION DE SANGRIAS ET BOISSONS AROMATISEES A BASE DE VIN
- (71) **CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS** [ES/ES]; Calle Serrano, 117, E-28006 Madrid (ES).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GASQUE PASTOR, Francisco** [ES/ES]; Instituto Agroquímica y Tecnología Alimentos, Consejo Superior de Investigaciones Científicas, Apartado de Correos, 73, E-46100 Burjassot (ES).
- (74) **OJEDA GARCÍA, Pedro**; Consejo Superior Investigaciones Científicas, Calle Serrano, 113, E-28006 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- (11) **WO 98/51776** (13) A1
- (21) PCT/AT98/00125
- (22) **13 May/mai 1998 (13.05.1998)**
- (25) de (26) de
- (31) A 817/97 (32) **13 May/mai 1997 (13.05.1997)** (33) AT
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **C12H 1/06, B01D 65/06**
- (54) ● METHOD FOR PRODUCING COLD-FILTERED BEER
● PROCEDE DE PRODUCTION DE BIÈRE FILTRÉE A FROID
- (71) **BRAU-UNION ÖSTERREICH AKTIENGESELLSCHAFT** [AT/AT]; Zweigniederlassung Graz, Reininghausstrasse 1-7, A-8020 Graz (AT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ZANKER, Gerald** [AT/AT]; Schulgasse 1, A-8075 Hart b. Graz (AT). **PELZ, Dieter** [DE/AT]; Hans-Mauracher-Strasse 45, A-8044

- Graz (AT). **MOSER, Gilbert** [AT/AT]; Triesters-
trasse 103, A-8055 Graz (AT).
- (74) **SCHWARZ, Albin** et al. / etc.; Wipplingerstrasse
32/22, A-1010 Wien (AT).
- (81) BG BR CN HU ID JP KR MX PL RO SI TR US
VN; EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/51777** (13) A1
(21) PCT/US98/09981
(22) **14 May/mai 1998 (14.05.1998)**
(25) en (26) en
(31) 08/855,899 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C12M 1/12, B01D 50/00**

- (54) ● IMPROVED FILTERING SYSTEM AND ME-
THOD FOR INCUBATORS
● PROCEDE ET DISPOSITIF DE FILTRAGE
PERFECTIONNES POUR INCUBATEURS

(71) **GENX INTERNATIONAL, INC.** [US/US]; 339
Bartlett Drive, Madison, CT 06443 (US).

(72) **CECCHI, Michael, D.**; 339 Bartlett Drive, Ma-
dison, CT 06443 (US). **COHEN, Jacques**; 9 Van
Buyne Street, Mountain Lakes, NJ 07046 (US).
DALE, Brian; Apartment 11, Parco Tasso 20,
I-80064 Sorrento (IT).

(74) **PRESSON, Thomas, F.** et al. / etc.; Wiggin
& Dana, One Century Tower, New Haven, CT
06508-1832 (US).

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

(11) **WO 98/51778** (13) A1

(21) PCT/IL98/00213

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

(25) en (26) en

(31) 120833 (32) **15 May/mai 1997 (15.05.1997)** (33) IL

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C12M 3/04, 1/30**

- (54) ● MODIFICATION OF THE PLATING PROPER-
TIES OF GROWTH SURFACES
● MODIFICATION DES PROPRIETES DE PLA-
CAGE DE SURFACES DE CROISSANCE

(71) **RAMOT, OF TEL-AVIV UNIVERSITY, UNI-
VERSITY AUTHORITY FOR APPLIED RE-
SEARCH & INDUSTRIAL DEVELOPMENT
LTD** [IL/IL]; P.O. Box 39296, 39296 Tel Aviv (IL).
*(for all designated States except / pour tous les États
désignés sauf US)*

(72, 75) **ROSENBERG NEVO, Melvyn** [IL/IL]; Sma-
dar Street 34, 52596 Ramat-Gan (IL).

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

(81) AL AM AT AU AZ BA BB BG BR BY CA CH
CN CU CZ DE DK EE ES FI GB GE GH GM GW
HU ID IL IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MD MG MK MN MW MX NO NZ
PL PT RO RU SD SE SG SI SK SL TJ TM TR
TT UA UG US UZ VN YU ZW; AP (GH GM KE
LS MW SD SZ UG ZW); EA (AM AZ BY KG
KZ MD RU TJ TM); EP (AT BE CH CY DE DK
ES FI FR 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 98/51779** (13) A1

(21) PCT/EP98/02745

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

(25) de (26) de

(31) 197 19 751.5 (32) **10 May/mai 1997 (10.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C12M 3/06**

- (54) ● DEVICE FOR GROWING OR TREATING
CELLS
● DISPOSITIF POUR LA CULTURE ET/OU LE
TRAITEMENT DE CELLULES

(71, 72) **BADER, Augustinus** [DE/DE]; Hinter den
Langen Hoefen 16, D-31275 Lehrte (DE).

(74) **LORENZ, Werner**; Fasanenstrasse 7, D-89522
Heidenheim (DE).

(81) AU 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)

(11) **WO 98/51780** (13) A2

(21) PCT/US98/09761

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 08/855,774 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C12N 1/06, C12P 21/02, C07K 1/113, 14/47**

- (54) ● METHOD FOR INCREASING YIELDS OR
RECOMBINANT PROTEINS
● METHODES D'AUGMENTATION DE REN-
DEMENTS DE PROTEINES RECOMBINEES

(71) **CELTRIX PHARMACEUTICALS, INC.**
[US/US]; 3055 Patrick Henry Drive, Santa Clara,
CA 95054-1815 (US).
*(for all designated States except / pour tous les États
désignés sauf US)*

(72, 75) **NATHAN, Ranga** [CA/US]; 1075 Cheshire
Circle, Danville, CA 94560 (US). **CUDNY, Hen-
ryk** [US/US]; 1765 Danesta Drive, Concord, CA
94519 (US).

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

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

(11) **WO 98/51781** (13) A1

(21) PCT/US98/09709

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

(25) en (26) en

(31) 60/046,488 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(31) 60/078,465 (32) **18 Mar/mar 1998 (18.03.1998)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C12N 5/00, 15/00, A61K 49/00**

(54) ● TRANSGENIC ANIMAL EXPRESSING
NON-NATIVE WILD-TYPE AND FAMILIAL
ALZHEIMER'S DISEASE MUTANT PRESE-
NILIN 1 PROTEIN ON NATIVE PRESENILIN
1 NULL BACKGROUND

● ANIMAL TRANSGENIQUE EXPRIMANT
UNE PROTEINE PRESENILINE 1 MUTANTE
NON NATIVE DE TYPE SAUVAGE DE
LA MALADIE D'ALZHEIMER FAMILIALE
DANS UN CONTEXTE DEPOURVU DE
PRESENILINE 1 NATIVE

(71) **MERCK & CO., INC.** [US/US]; 126 East Lincoln
Avenue, Rahway, NJ 07065 (US). **JOHNS HOP-
KINS UNIVERSITY** [US/US]; 720 Rutland Ave-
nue, Baltimore, MD 21205 (US).
*(for all designated States except / pour tous les États
désignés sauf US)*

(72, 75) **ZHENG, Hui** [CN/US]; 126 East Lincoln
Avenue, Rahway, NJ 07065 (US). **QIAN, Su**
[CN/US]; 126 East Lincoln Avenue, Rahway, NJ
07065 (US). **VAN DER PLOEG, Leonardus, H.,
T.** [NL/US]; 126 East Lincoln Avenue, Rahway,
NJ 07065 (US). **WONG, Philip, C.** [CA/US];
720 Rutland Avenue, Baltimore, MD 21205 (US).
SISODIA, Sangram, S. [US/US]; 720 Rutland
Avenue, Baltimore, MD 21205 (US). **JIANG, Ping**
[CN/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 98/51782** (13) A2

(21) PCT/US98/10150

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

(25) en (26) en

(31) 08/858,052 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C12N 9/00**

(54) ● HUMAN 3-HYDROXYISOBUTYRYL-
COENZYME A HYDROLASE
● 3-HYDROXYISOBUTYRYL-COENZYME A
HYDROLASE HUMAINE

(63) US 08/858,052 (CIP)
16 May/mai 1997 (16.05.1997)

(71) **INCYTE PHARMACEUTICALS, INC.**
[US/US]; 3174 Porter Drive, Palo Alto, CA
94304 (US).
*(for all designated States except / pour tous les États
désignés sauf US)*

(72, 75) **BANDMAN, Olga** [US/US]; 366 Anna Ave-
nue, Mountain View, CA 94043 (US). **GUE-
GLER, Karl, J.** [CH/US]; 1048 Oakland Avenue,
Menlo Park, CA 94025 (US). **CORLEY, Neil, C.**
[US/US]; 1240 Dale Avenue #30, Mountain View,
CA 94040 (US). **SHAH, Purvi** [IN/US]; 1608
Queen Charlotte Drive #5, Sunnyvale, CA 94087
(US).

(74) **BILLINGS, Lucy, J.**; Incyte Pharmaceuticals, Inc.,
3174 Porter Drive, Palo Alto, CA 94304 (US).

(81) AT AU BR CA CH CN DE DK ES FI GB IL JP
KR MX NO NZ RU SE SG US; AP (GH GM KE
LS MW SD SZ UG ZW); EA (AM AZ BY KG
KZ MD RU TJ TM); EP (AT BE CH CY DE DK
ES FI FR GB GR IE IT LU MC NL PT SE); OA
(BF BJ CF CG CI CM GA GN ML MR NE SN
TD TG).

(11) **WO 98/51783** (13) A1

(21) PCT/US98/06332

(22) 31 Mar/mar 1998 (31.03.1998)

(25) en (26) en

(31) 08/856,663 (32) 15 May/mai 1997 (33) US (15.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ C12N 9/22, 15/55

- (54) ● DISCOVERY OF AND METHOD FOR CLONING AND PRODUCING THE *PspGI* RESTRICTION ENDONUCLEASE
● DECOUVERTE DE L'ENDONUCLEASE DE RESTRICTION *PspGI* ET SES PROCÉDES DE CLONAGE ET DE PRODUCTION

(71) NEW ENGLAND BIOLABS, INC. [US/US]; 32 Tozer Road, Beverly, MA 01915 (US).

(71, 72) MORGAN, Richard, D. [US/US]; 31 Donovan's Way, Middleton, MA 01949 (US). CHANG, Zhiyuh [US/US]; 68 Leland Avenue, New Rochelle, NY 10805 (US).

(74) WILLIAMS, Gregory, D.; New England Biolabs, Inc., 32 Tozer Road, Beverly, MA 01915 (US).

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

(11) WO 98/51784 (13) A1

(21) PCT/US98/09575

(22) 12 May/mai 1998 (12.05.1998)

(25) en (26) en

(31) 60/046,200 (32) 12 May/mai 1997 (33) US (12.05.1997)

(31) 09/023,809 (32) 13 Feb/fév 1998 (33) US (13.02.1998)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ C12N 9/80

- (54) ● MODIFIED ARGININE DEIMINASE
● ARGININE DEIMINASE MODIFIÉE

(71) PHOENIX PHARMACOLOGICS, INC. [US/US]; 115 John Robert Thomas Drive, Exton, PA 19341 (US).

(72) CLARK, Mike, A.; 3940 Hall Road, Big Pine, FL 33043 (US).

(74) ELDERKIN, Dianne, B.; 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).

Published / Publiée : (c)

(11) WO 98/51785 (13) A1

(21) PCT/US97/08254

(22) 14 May/mai 1997 (14.05.1997)

(25) en (26) en

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ C12N 11/00, 11/02, 11/08, 5/00

(54) ● CO-CULTIVATION OF CELLS IN A MICRO-PATTERNED CONFIGURATION

- CO-CULTURE DE CELLULES DANS UNE CONFIGURATION MICROMODELISÉE

(71) THE GENERAL HOSPITAL CORPORATION [US/US]; 55 Fruit Street, Boston, MA 02114 (US). MASSACHUSETTS INSTITUTE OF TECHNOLOGY [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02142-1324 (US).

(72) BHATIA, Sangeeta; 92 Cottage Street, Sharon, MA 02067 (US). YARMUSH, Martin; Apartment 403, 950 Massachusetts Avenue, Cambridge, MA 02139 (US). TONER, Mehmet; 100 Pilgrim Road, Wellesley, MA 02181 (US).

(74) MEIKLEJOHN, Anita, L.; Fish & Richardson, P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) JP.

(11) WO 98/51786 (13) A1

(21) PCT/US98/09684

(22) 12 May/mai 1998 (12.05.1998)

(25) en (26) en

(31) 60/046,887 (32) 13 May/mai 1997 (33) US (13.05.1997)

(31) 60/080,490 (32) 2 Apr/avr 1998 (33) US (02.04.1998)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ C12N 11/02

- (54) ● REACTION SITES FOR MICROORGANISMS USED TO BIODEGRADE CONTAMINANTS AND METHODS OF USE

- SITE DE REACTION DESTINE A DES MICROORGANISMES UTILISES POUR BIODEGRADER DES CONTAMINANTS, PROCEDE D'UTILISATION ASSOCIE

(71) ADVANCED BIOLOGICAL SERVICES, INC. [US/US]; 3050 Boles Farm Lane, Duluth, GA 30136 (US).

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

(72, 75) WHITEMAN, George, R. [US/US]; 3050 Boles Farm Lane, Duluth, GA 30136 (US). WHITEMAN, George, H. [GB/GB]; 61 Mansfield Road, Eastwood Notts N616 3DY (GB).

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

(11) WO 98/51787 (13) A2

(21) PCT/GB98/01294

(22) 5 May/mai 1998 (05.05.1998)

(25) en (26) en

(31) 9709421.3 (32) 10 May/mai 1997 (33) GB (10.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ C12N 15/00

(54) ● CHEMICAL COMPOUNDS

- COMPOSES CHIMIQUES

(71) ZENECA LIMITED [GB/GB]; 15 Stanhope Gate, London W1Y 6LN (GB).
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(72, 75) EMERY, Stephen, Charles [GB/GB]; Zeneca Pharmaceuticals, Intellectual Property Dept., Mereside, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB). BLAKEY, David, Charles [GB/GB]; Zeneca Pharmaceuticals, Intellectual Property Dept., Mereside, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB).

(74) GILES, Allen, Frank; Zeneca Pharmaceuticals, Intellectual Property Dept., Mereside, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB).

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

(11) WO 98/51788 (13) A2

(21) PCT/NL98/00259

(22) 11 May/mai 1998 (11.05.1998)

(25) en (26) en

(31) 97201423.7 (32) 12 May/mai 1997 (33) EP (12.05.1997)

(34) NL et al. / etc.

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ C12N 15/00

- (54) ● METHOD AND CONSTRUCT FOR INHIBITION OF CELL MIGRATION
● PROCEDE ET CONSTRUCTION POUVANT INHIBER UNE MIGRATION CELLULAIRE

(71) NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO [NL/NL]; Schoemakerstraat 97, NL-2628 VK Delft (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) QUAX, Paulus, Hubertus, Andreas [NL/NL]; Jacob van Heemskercklaan 59, NL-2253 JX Voor- schoten (NL). VERHELJEN, Johan, Hendrikus [NL/NL]; Verdijkstraat 14, NL-2651 VB Berkel en Rodenrijs (NL).

(74) SMULDERS, Th., A., H., J.; Vereenigde Octrooi- bureaux, 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).

(11) WO 98/51789 (13) A2

(21) PCT/DK98/00186

(22) 13 May/mai 1998 (13.05.1998)

(25) en (26) en

- (31) 0547/97 (32) **13 May/mai 1997** (33) DK (13.05.1997)
- (31) 08/871.030 (32) **19 May/mai 1997** (33) US (19.05.1997)
- (31) 0432/98 (32) **27 Mar/mar 1998** (33) DK (27.03.1998)
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ C12N 15/10, C12Q 1/68
- (54) ● A METHOD TO CLONE mRNAs AND DISPLAY OF DIFFERENTIALLY EXPRESSED TRANSCRIPTS (DODET)
● METHODE PERMETTANT DE CLONER DES ARNm ET D'AFFICHER DES TRANSCRITS A EXPRESSION DIFFERENTIELLE (DODETS)
- (71) **DISPLAY SYSTEMS BIOTECH APS** [DK/DK]; Lersø Park Allé 40, DK-2100 Copenhagen Ø (DK). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WARTHOF, Peter, Rolf** [DK/DK]; Borgmester Jensens Allé 31B, DK-2100 Copenhagen Ø (DK).
- (74) **PLOUGMANN, VINGTOFT & PARTNERS A/S**; Sankt Annæ Plads 11, P.O. Box 3007, DK-1021 Copenhagen K (DK).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- (11) **WO 98/51790** (13) A1
- (21) PCT/AU98/00352
- (22) **13 May/mai 1998** (13.05.1998)
- (25) en (26) en
- (31) P0 6784 (32) **13 May/mai 1997** (33) AU (13.05.1997)
- (31) P0 8791 (32) **26 Aug/août 1997** (33) AU (26.08.1997)
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ C12N 15/11, 15/79, A61K 48/00
- (54) ● A NOVEL NUCLEIC ACID MOLECULE
● NOUVELLE MOLECULE D'ACIDE NUCLEIQUE
- (71) **AMRAD OPERATIONS PTY. LTD.** [AU/AU]; 576 Swan Street, Richmond, VIC 3121 (AU). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHOO, Kong-Hong, Andy** [AU/AU]; 67 Andersons Creek Road, Doncaster East, VIC 3109 (AU). **DU SART, Desirée** [AU/AU]; 24 Windella Quadrant, Doncaster, VIC 3108 (AU). **CANCILLA, Michael, Robert** [AU/AU]; 2 Alameda Avenue, Maribyrnong, VIC 3032 (AU).
- (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 98/51791** (13) A1
- (21) PCT/JP98/01665
- (22) **10 Apr/avr 1998** (10.04.1998)
- (25) ja (26) ja
- (31) 9/125899 (32) **15 May/mai 1997** (33) JP (15.05.1997)
- (31) 10/31840 (32) **13 Feb/fév 1998** (33) JP (13.02.1998)
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ C12N 15/11, C12Q 1/68
- (54) ● GENE CAUSATIVE OF RHEUMATOID ARTHRITIS, METHOD FOR THE DIAGNOSIS OF RHEUMATOID ARTHRITIS, AND METHOD FOR THE DETERMINATION OF FACTORS CAUSING RHEUMATOID ARTHRITIS
● GENE RESPONSABLE DE L'ARTHRITE RHUMATOIDE, METHODE POUR DIAGNOSTIQUER L'ARTHRITE RHUMATOIDE ET PROCEDE PERMETTANT DE DETERMINER DES FACTEURS RESPONSABLES DE L'ARTHRITE RHUMATOIDE
- (71, 72) **SHIOZAWA, Shunichi** [JP/JP]; 11-6 Takenodai 2-chome, Nishi-ku, Kobe-shi, Hyogo 651-2274 (JP).
- (74) **NISHIZAWA, Toshio**; 6F, Mani-Building, 37-10, Udagawa-cho, Shibuya-ku, Tokyo 150-0042 (JP).
- (81) AU CA JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (11) **WO 98/51792** (13) A1
- (21) PCT/US98/09975
- (22) **15 May/mai 1998** (15.05.1998)
- (25) en (26) en
- (31) 60/046,546 (32) **15 May/mai 1997** (33) US (15.05.1997)
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ C12N 15/11, C07H 21/04, A61K 38/36, 39/395, 48/00, C12N 1/38, C12Q 1/68
- (54) ● FAC MOLECULES AND USES THEREOF
● MOLECULES FAC ET LEURS UTILISATIONS
- (71) **BRIGHAM & WOMEN'S HOSPITAL, INC.** [US/US]; 75 Francis Street, Boston, MA 02115 (US).
- (72) **YOUSOUFIAN, Hagop**; 6423 Edloe, Houston, TX 77005 (US).
- (74) **VAN AMSTERDAM, John, R.**; 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).
- Published / Publiée : (c)
- (11) **WO 98/51793** (13) A1
- (21) PCT/US98/09704
- (22) **14 May/mai 1998** (14.05.1998)
- (25) en (26) en
- (31) 08/857,216 (32) **15 May/mai 1997** (33) US (15.05.1997)
- (31) 09/020,746 (32) **9 Feb/fév 1998** (33) US (09.02.1998)
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ C12N 15/12, C07K 14/715, C12N 15/62, C07K 16/28, A61K 38/17, 39/395
- (54) ● Apo-2 RECEPTOR
● RECEPTEUR D'Apo-2
- (71) **GENENTECH, INC.** [US/US]; 1 DNA Way, South San Francisco, CA 94080-4990 (US).
- (72) **ASHKENAZI, Avi, J.**; 1456 Tarrytown Street, San Mateo, CA 94402 (US). **ADAMS, Camellia, W.**; 116C Flynn Avenue, Mountain View, CA 94043 (US). **CHUNTHARAPAI, Anan**; 826 Ellis Drive, Colma, CA 94015 (US). **KIM, Kyung, Jin**; 622 Benvenue Avenue, Los Altos, CA 94024 (US).
- (74) **MARSCHANG, Diane, M.** 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).
- Published / Publiée : (c)
- (11) **WO 98/51794** (13) A1
- (21) PCT/US98/09796
- (22) **14 May/mai 1998** (14.05.1998)
- (25) en (26) en
- (31) 60/046,415 (32) **14 May/mai 1997** (33) US (14.05.1997)
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ C12N 15/12, C07K 14/47, 16/18
- (54) ● ANTIMICROBIAL PEPTIDE
● PEPTIDE ANTIMICROBIEN
- (71) **HUMAN GENOME SCIENCES, INC.** [US/US]; 9410 Key West Avenue, Rockville, MD 20850 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OLSEN, Henrik, S.** [DK/US]; 182 Kendrick Place #24, Gaithersburg, MD 20878 (US). **RUBEN, Steven, M.** [US/US]; 18528 Heritage Hills Drive, Olney, MD 20832 (US).
- (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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/51795** (13) A1
 (21) PCT/US98/09877
 (22) **13 May/mai 1998 (13.05.1998)**
 (25) en (26) en

(31) 08/855,518 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C12N 15/12, C07K 14/47, A61K 38/17, C12Q 1/68, C07K 16/18**

(54) ● DOUBLE-STRANDED RNA-BINDING PROTEIN
 ● PROTEINE FIXATRICE D'ARN DOUBLE BRIN

(63) US 08/855,518 (CIP)
 13 May/mai 1997 (13.05.1997)

(71) **INCYTE PHARMACEUTICALS, INC.** [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).
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(72, 75) **HILLMAN, Jennifer, L.** [US/US]; 230 Monroe Drive #12, Mountain View, CA 94040 (US). **LAL, Preeti** [IN/US]; 2382 Lass Drive, Santa Clara, CA 95054 (US). **CORLEY, Neil, C.** [US/US]; 1240 Dale Avenue #30, Mountain View, CA 94040 (US).

(74) **BILLINGS, Lucy, J.**; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (US).

(81) AT AU BR CA CH CN DE DK ES FI GB IL JP KR MX NO NZ RU SE SG US; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/51796** (13) A1

(21) PCT/US98/09886

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

(25) en (26) en

(31) 08/855,140 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C12N 15/12, C07K 14/705, C12N 15/63, 5/10, A61K 38/17, C07K 16/28, C12Q 1/68**

(54) ● POLYNUCLEOTIDES ENCODING A CD53-LIKE TRANSMEMBRANE PROTEIN
 ● POLYNUCLEOTIDES CODANT POUR UNE PROTEINE TRANSMEMBRANAIRE DE TYPE CD53

(63) US 08/855,140 (CIP)
 13 May/mai 1997 (13.05.1997)

(71) **INCYTE PHARMACEUTICALS, INC.** [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).
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(72, 75) **HILLMAN, Jennifer, L.** [US/US]; 230 Monroe Drive #12, Mountain View, CA 94040 (US). **BANDMAN, Olga** [US/US]; 366 Anna Avenue, Mountain View, CA 94043 (US). **GOLI, Surya, K.** [IN/US]; 3311 Cantamar Court, San Jose, CA 95135 (US). **GUEGLER, Karl, J.** [CH/US]; 1048 Oakland Avenue, Menlo Park, CA 94025 (US).

(74) **BILLINGS, Lucy, J.**; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (US).

(81) AT AZ 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).

(11) **WO 98/51797** (13) A1

(21) PCT/US98/10225

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

(25) en (26) en

(31) 08/857,213 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C12N 15/12, 5/10, C07K 14/47, 16/18, C12Q 1/68, A61K 38/17**

(54) ● HUMAN VESICLE BINDING PROTEIN
 ● PROTEINE DE LIAISON DE VESICULES HUMAINES

(63) US 08/857,213 (CIP)
 15 May/mai 1997 (15.05.1997)

(71) **INCYTE PHARMACEUTICALS, INC.** [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BANDMAN, Olga** [US/US]; 366 Anna Avenue, Mountain View, CA 94043 (US). **HAWKINS, Phillip, R.** [US/US]; 750 N. Shoreline Boulevard #96, Mountain View, CA 94034 (US). **MURRY, Lynn, E.** [US/US]; 1124 Los Trancos Road, Portola Valley, CA 94028 (US).

(74) **BILLINGS, Lucy, J.**; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (US).

(81) AT AU BR CA CH CN DE DK ES FI GB IL JP KR MX NO NZ RU SE SG US; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/51798** (13) A1

(21) PCT/GB98/01318

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

(25) en (26) en

(31) 9709453.6 (32) **10 May/mai 1997 (10.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C12N 15/19, 5/10, C07K 14/475, A61K 38/12**

(54) ● HGF POLYPEPTIDES AND THEIR USE IN THERAPY
 ● POLYPEPTIDES DU FACTEUR DE CROISSANCE DE LA CELLULE HEPATIQUE ET LEUR UTILISATION DANS DES TRAITEMENTS

(71) **IMPERIAL CANCER RESEARCH TECHNOLOGY LIMITED** [GB/GB]; Sardinia House, Sardinia Street, London WC2A 3NL (GB).
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(72, 75) **GHERARDI, Ermanno** [IT/GB]; 14 Rotherwick Way, Cambridge CB1 4RX (GB). **BIRCHMEIER, Walter** [CH/DE]; Goethestrasse 14, D-16341 Schwanebeck (DE). **HARTMANN, Guido** [DE/GB]; 24 Langham Road, Cambridge CB1 3SE (GB).

(74) **BASSETT, Richard** et al. / etc.; Eric Potter Clarkson, Park View House, 58 The Ropewalk, Nottingham NG1 5DD (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 98/51799** (13) A1

(21) PCT/JP98/02104

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

(25) ja (26) ja

(31) 9/124064 (32) **14 May/mai 1997 (14.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C12N 15/19, 15/63, 5/16, C07K 14/52, 16/24, C07H 21/04, C12P 21/02, 21/08, A61K 38/19**

(54) ● NOVEL DIFFERENTIATION INHIBITOR
 ● NOUVEL INHIBITEUR DE DIFFERENTIATION

(71) **ASAHI KASEI KOGYO KABUSHIKI KAISHA** [JP/JP]; 2-6, Dojimahama 1-chome, Kita-ku, Osaka-shi, Osaka 530-0004 (JP).
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(72, 75) **SAKANO, Seiji** [JP/JP]; 100, Kawanarijima, Fuji-shi, Shizuoka 416-0939 (JP).

(74) **KOBAYASHI, Kazunori**; Taiyoseimeitsuka building 3F, 25-1, Kitaotsuka 2-chome, Toshima-ku, Tokyo 170-0004 (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 HU IL IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/51800** (13) A1

(21) PCT/IB98/00821

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

(25) en (26) en

(31) 9709789.3 (32) **14 May/mai 1997 (14.05.1997)** (33) GB

(31) 9727458.3 (32) **30 Dec/déc 1997 (30.12.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C12N 15/29, 15/82, 15/11, 5/10, A01H 5/00**

(54) ● PLANT GENE CONSTRUCTS AND THEIR USE
 ● PRODUITS DE RECOMBINAISON GENIQUE DE VEGETAL ET LEURS APPLICATIONS

(71) **D.J. VAN DER HAVE B.V.** [NL/NL]; Dijkwelsstraat 70, NL-4420 AA Kapelle (NL).
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(72, 75) **SMEEKENS, Sief** [NL/NL]; Van Westrenenlaan 7, NL-3971 AE Driebergen (NL). **WEISBEEK, Peter** [NL/NL]; Baarnseweg 49, NL-3734 CA Den Dolder (NL). **PROVENIERS, Marcel**

- [NL/NL]; Kampereiland 11, NL-3524 CZ Utrecht (NL).
- (74) **ROBERTS, T. W.**; Batchellor, Kirk & Co., 2 Pear Tree Court, Farringdon Road, London EC1R 0DS (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 98/51801** (13) A1
- (21) PCT/US98/09863
- (22) **14 May/mai 1998 (14.05.1998)**
- (25) en (26) en
- (31) 60/046,475 (32) **14 May/mai 1997 (14.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **C12N 15/29, 15/82, C07K 14/415, A01H 5/00, C07K 16/16**
- (54) ● GENE ENCODING FOR SYSTEMIC ACQUIRED RESISTANCE IN ARABIDOPSIS
● CODAGE DE GENES PERMETTANT D'OBTENIR UNE RESISTANCE SYSTEMIQUE ACQUISE CHEZ ARABIDOPSIS
- (71) **THE SAMUEL ROBERTS NOBLE FOUNDATION, INC.** [US/US]; P.O. Box 2180, Ardmore, OK 73402 (US).
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- (72, 75) **DIXON, Richard, A.** [GB/US]; 206 Woods Lane, Ardmore, OK 73401 (US). **CAMERON, Robin** [CA/CA]; 207 Lee Avenue, Toronto, Ontario M4E 2P4 (CA). **LAMB, Christopher, J.** [GB/US]; 6444 Farley Drive, San Diego, CA 92122 (US).
- (74) **HANSEN, Eugenia, S.** et al. / etc.; Sidley & Austin, Suite 3400, 717 N. Harwood, Dallas, TX 75201-6507 (US).
- (81) AU CA IL JP MX NZ US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/51802** (13) A1
- (21) PCT/US98/09627
- (22) **12 May/mai 1998 (12.05.1998)**
- (25) en (26) en
- (31) 60/046,182 (32) **12 May/mai 1997 (12.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **C12N 15/53, 9/04, 1/21**
- (54) ● METHOD FOR THE STABILIZATION OF PROTEINS AND THE THERMOSTABILIZED ALCOHOL DEHYDROGENASES PRODUCED THEREBY
● PROCEDE DE STABILISATION DE PROTEINES ET ALCOOL-DESHYDROGENASES THERMOSTABILISEES PRODUITES SELON CE PROCEDE
- (63) US 60/046,182 (CIP)
12 May/mai 1997 (12.05.1997)
- (71) **THERMOGEN, INC.** [US/US]; 2201 W. Campbell Park Drive, Chicago, IL 60612 (US).
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- (72, 75) **DEMIRJIAN, David, C.** [US/US]; Chicago, IL 60615 (US). **BRIKUN, Igor, A.** [US/US]; Forest Park, IL 60130 (US). **CASADABAN, Malcolm, J.** [US/US]; Chicago, IL 60615 (US). **VONSTEIN, Veronika** [US/US]; Chicago, IL 60615 (US).
- (74) **CHAO, Mark**; McDonnell Boehnen Hulbert & Berghoff, 300 South Wacker Drive, Chicago, IL 60606 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/51803** (13) A1
- (21) PCT/US98/09629
- (22) **12 May/mai 1998 (12.05.1998)**
- (25) en (26) en
- (31) 08/857,884 (32) **16 May/mai 1997 (16.05.1997)** (33) US
- (31) 60/062,892 (32) **20 Oct/oct 1997 (20.10.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **C12N 15/57, 9/48, 1/15, 1/19, C12P 21/06, A23J 3/30**
- (54) ● POLYPEPTIDES HAVING PROLYL PIPEPTIDYL AMINOPEPTIDASE ACTIVITY AND NUCLEIC ACIDS ENCODING SAME
● POLYPEPTIDES A ACTIVITE DE PROLYL DIPEPTIDYL AMINOPEPTIDASE ET ACIDES NUCLEIQUES CODANT CES DERNIERS
- (71) **NOVO NORDISK BIOTECH, INC.** [US/US]; 1445 Drew Avenue, Davis, CA 95616-4880 (US).
- (72) **BLINKOVSKY, Alexander**; 955 Cranbrook Court #306, Davis, CA 95616 (US). **BROWN, Kimberly**; 8322 Windswept Court, Elk Grove, CA 95758 (US). **REY, Michael, W.**; 605 Robin Place, Davis, CA 95616 (US). **KLOTZ, Alan**; 725 Collier Drive, Dixon, CA 95620 (US). **BYUN, Tony**; Apartment A, 841 Adams Terrace, Davis, CA 95616 (US).
- (74) **ZELSON, Steve, T.** et al. / etc.; Novo Nordisk of North America, Inc., Suite 6400, 405 Lexington Avenue, New York, NY 10174 (US).
- (81) AL AU BB BG BR CA CN CU CZ EE GE HU IL IS JP KP KR LC LK LR LT LU LV MG MK MN MX NO NZ PL RO SG SI SK TR TT UA UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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) **ZELSON, Steve, T.** et al. / etc.; Novo Nordisk of North America, Inc., Suite 6400, 405 Lexington Avenue, New York, NY 10174 (US).
- (81) AL AU BB BG BR CA CN CU CZ EE GE HU IL IS JP KP KR LC LK LR LT LU LV MG MK MN MX NO NZ PL RO SG SI SK TR TT UA UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/51804** (13) A1
- (21) PCT/US98/09940
- (22) **15 May/mai 1998 (15.05.1998)**
- (25) en (26) en
- (31) 08/857,886 (32) **16 May/mai 1997 (16.05.1997)** (33) US
- (31) 60/062,893 (32) **20 Oct/oct 1997 (20.10.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)

- (51)⁶ **C12N 15/57, 9/48, 1/15, 1/19, C12P 21/06, A23J 3/30, A21D 2/26**
- (54) ● POLYPEPTIDES HAVING AMINOPEPTIDASE ACTIVITY AND NUCLEIC ACIDS ENCODING SAME
● POLYPEPTIDES POSSEDANT UNE ACTIVITE D'AMINOPEPTIDASE ET ACIDES NUCLEIQUES CODANT CES POLYPEPTIDES
- (71) **NOVO NORDISK BIOTECH, INC.** [US/US]; 1445 Drew Avenue, Davis, CA 95616-4880 (US).
- (72) **BLINKOVSKY, Alexander**; 955 Cranbrook Court #306, Davis, CA 95616 (US). **BROWN, Kimberly**; 8322 Windswept Court, Elk Grove, CA 95758 (US). **GOLIGHTLY, Elizabeth**; Apartment 171, 1880 Cowell Boulevard, Davis, CA 95616 (US). **BYUN, Tony**; Apartment A, 841 Adams Terrace, Davis, CA 95616 (US). **KOFOD, Lene, V.**; Brorfeldevej 8, DK-4350 Uggeløse (DK).
- (74) **ZELSON, Steve, T.** et al. / etc.; Novo Nordisk of North America, Inc., Suite 6400, 405 Lexington Avenue, New York, NY 10174 (US).
- (81) AL AU BB BG BR CA CN CU CZ EE GE HU IL IS JP KP KR LC LK LR LT LU LV MG MK MN MX NO NZ PL RO SG SI SK TR TT UA UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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) **NOVO NORDISK BIOTECH, INC.** [US/US]; 1445 Drew Avenue, Davis, CA 95616-4880 (US).
- (72) **BLINKOVSKY, Alexander**; 955 Cranbrook Court #306, Davis, CA 95616 (US). **BROWN, Kimberly**; 8322 Windswept Court, Elk Grove, CA 95758 (US). **GOLIGHTLY, Elizabeth**; Apartment 171, 1880 Cowell Boulevard, Davis, CA 95616 (US). **BYUN, Tony**; Apartment A, 841 Adams Terrace, Davis, CA 95616 (US). **KOFOD, Lene, V.**; Brorfeldevej 8, DK-4350 Uggeløse (DK).

- (74) **ZELSON, Steve, T.** et al. / etc.; Novo Nordisk of North America, Inc., Suite 6400, 405 Lexington Avenue, New York, NY 10174 (US).
- (81) AL AU BB BG BR CA CN CU CZ EE GE HU IL IS JP KP KR LC LK LR LT LU LV MG MK MN MX NO NZ PL RO SG SI SK TR TT UA UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/51805** (13) A1
- (21) PCT/US98/10041
- (22) **15 May/mai 1998 (15.05.1998)**
- (25) en (26) en
- (31) 08/856,653 (32) **15 May/mai 1997 (15.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **C12N 15/63, C12Q 1/68, C07K 14/47, 16/30, C12N 5/10, G01N 33/53, 33/574, 33/577, A61K 38/17**
- (54) ● REAGENTS AND METHODS USEFUL FOR DETECTING DISEASES OF THE PROSTATE
● REACTIFS ET PROCEDES UTILES POUR DETECTER DES MALADIES DE LA PROSTATE
- (71) **ABBOTT LABORATORIES** [US/US]; 100 Abbott Park Road, Abbott Park, IL 60064-3500 (US).

- (72) **BILLING-MEDEL, Patricia, A.**; 1427 Sherwood Court, Gurnee, IL 60031 (US). **COHEN, Maurice**; 2026 Deerfield Road, Highland Park, IL 60035 (US). **COLPITTS, Tracey, L.**; 34365 North Circle Drive, Round Lake, IL 60073 (US). **FRIEDMAN, Paula, N.**; 462 Cumnor Court, Deerfield, IL 60015 (US). **GORDON, Julian**; 307 East Sheridan Road, Lake Bluff, IL 60044 (US). **GRANADOS, Edward, N.**; 19 Montgomery Lane, Vernon Hills, IL 60061 (US). **HODGES, Steven, C.**; 169 Stonagate Road, Buffalo Grove, IL 60089 (US). **KLASS, Michael, R.**; 1606 Mulberry Drive, Libertyville, IL 60048 (US). **KRATOCHVIL, Jon, D.**; 7101 Fifth Avenue, Kenosha, WI 53143 (US). **ROBERTS-RAPP, Lisa**; 2090 Westfield Drive, Gurnee, IL 60031 (US). **RUSSELL, John, C.**; 8275 64th Court, Kenosha, WI 53142 (US). **STROUPE, Stephen, D.**; 945 Wilshire Drive, Libertyville, IL 60048 (US).
- (74) **WEINSTOCK, Steven, F.**; Abbott Laboratories, D-377/AP6D, 100 Abbott Park Road, Abbott Park, IL 60064-3500 (US) et al. / etc.
- (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 98/51806** (13) A2
 (21) PCT/US98/09558
 (22) **11 May/mai 1998 (11.05.1998)**
 (25) en (26) en
 (31) 08/857,664 (32) **16 May/mai 1997 (16.05.1997)** (33) US

- (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **C12N 15/82, C07K 14/325, C12N 15/53, C12Q 1/68, C12N 15/60, G01N 33/52, C12N 15/32, G01N 33/53, C12N 9/88, A01H 5/00, C12N 9/02**
 (54) ● RECOVERY OF TRANSFORMED PLANTS WITHOUT SELECTABLE MARKERS BY NODAL CULTURE AND ENRICHMENT OF TRANSGENIC SECTORS
 ● RECUPERATION DE VEGETAUX TRANSFORMES SANS MARQUEURS SELECTIONNABLES PAR CULTURE NODALE ET ENRICHISSEMENT DES SECTEURS TRANSGENIQUES
 (63) US 08/857,664 (CIP)
 16 May/mai 1997 (16.05.1997)

- (71) **PIONEER HI-BRED INTERNATIONAL, INC.** [US/US]; 800 Capital Square, 400 Locust Street, Des Moines, IA 50309 (US).
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 (72, 75) **BIDNEY, Dennis, L.** [US/US]; 8385 Plum Drive, Urbandale, IA 50322 (US). **SCELONGE, Christopher, J.** [US/US]; 5314 Ovid Avenue, Des Moines, IA 50310 (US). **WANG, Lijuan** [CN/US]; 4728 80th Place, Urbandale, IA 50322 (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 98/51807** (13) A1
 (21) PCT/CA98/00478
 (22) **14 May/mai 1998 (14.05.1998)**
 (25) en (26) en
 (31) 2,205,076 (32) **14 May/mai 1997 (14.05.1997)** (33) CA

- (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **C12N 15/85, 15/12, 15/88, 5/10, A61K 48/00**
 (54) ● EPISOMAL EXPRESSION CASSETTES FOR GENE THERAPY
 ● CASSETTES D'EXPRESSION EPISOMIQUE POUR THERAPIE GENIQUE
 (71) **HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP** [CA/CA]; Suite 5276, 555 University Avenue, Toronto, Ontario M5G 1X8 (CA).
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- (72, 75) **HU, Jim** [CA/CA]; 25 Holborne Avenue, East York, Ontario M4C 2P8 (CA). **CHOW, Yu-Hua** [CA/CA]; 85 Dunblaine Avenue, North York, Ontario M5M 2S2 (CA). **O'BRODOVICH, Hugh** [CA/CA]; 287 Royal Oak Court, Oakville, Ontario L6H 3A8 (CA). **TSUI, Lap-Chee** [CA/CA]; 19 Park Manor Drive, Etobicoke, Ontario M9B 5C1 (CA).

- (74) **DEETH WILLIAMS WALL**; National Bank Building, Suite 400, 150 York Street, Toronto, Ontario M5H 3S5 (CA).
 (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 98/51808** (13) A1
 (21) PCT/NL98/00260
 (22) **12 May/mai 1998 (12.05.1998)**
 (25) en (26) en
 (31) 97201422.9 (32) **12 May/mai 1997 (12.05.1997)** (33) EP
 (34) NL et al. / etc.
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **C12N 15/86, 7/01, A61K 48/00**

- (54) ● METHODS FOR PRODUCING RETROVIRAL VECTORS WITH AN ALTERED TROPISM
 ● PROCEDES DE PRODUCTION DE VECTEURS RETROVIRAUX PRESENTANT UN TROPISME MODIFIE

- (71) **ACADEMISCH MEDISCH CENTRUM AMSTERDAM** [NL/NL]; Meibergdreef 9, NL-1105 AZ Amsterdam (NL).
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 (72, 75) **BERKHOUT, Benjamin** [NL/NL]; Graaf Janlaan 18, NL-1412 GH Naarden (NL). **DAS, Atze, Taede** [NL/NL]; Sliedrechtstraat 13, NL-1107 JA Amsterdam (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 98/51809** (13) A1
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 (22) **11 May/mai 1998 (11.05.1998)**
 (25) en (26) en
 (31) 08/854,601 (32) **12 May/mai 1997 (12.05.1997)** (33) US

- (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **C12N 15/86**
 (54) ● MULTIGENE VECTORS DERIVED FROM HSV
 ● VECTEURS MULTIGENES DERIVES DE HSV
 (71) **UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION** [US/US]; 911 William Pitt Union, Pittsburgh, PA 15260 (US).

- (72) **GLORIOSO, Joseph, C.**; 202 Scarborough Drive, Cheswick, PA 15024 (US). **KRISKY, David**; 1551 Field Club Drive, Pittsburgh, PA 15237 (US).

- (74) **KILYK, John, Jr.** et al. / etc.; Leydig, Voit & Mayer, Ltd., Suite 4900, Two Prudential Plaza, 180 North Stetson, Chicago, IL 60601-6780 (US).

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

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- (11) **WO 98/51810** (13) A1
 (21) PCT/US98/10144
 (22) **12 May/mai 1998 (12.05.1998)**
 (25) en (26) en
 (31) 60/046,891 (32) **13 May/mai 1997 (13.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **C12N 15/86, 7/01, 7/04, C07K 14/145, 14/16, A61K 48/00, 39/21**

- (54) ● LENTIVIRUS-BASED GENE TRANSFER VECTORS
 ● VECTEURS DE TRANSFERT DE GENE COMPORTANT UN LENTIVIRUS

- (71) **UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL** [US/US]; 308 Bynum Hall, CB #4105, Chapel Hill, NC 27599-4105 (US).
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- (72, 75) **OLSEN, John, C.** [US/US]; 127 Justice Street, Chapel Hill, NC 27516 (US).

- (74) **BISWAS, Sorojini, J.** et al. / etc.; Myers, Bigel, Sibley & Sajovec, P.A., P.O. Box 37428, Raleigh, NC 27627 (US).

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

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- (11) **WO 98/51811** (13) A1
 (21) PCT/US98/08882
 (22) **12 May/mai 1998 (12.05.1998)**
 (25) en (26) en
 (31) 60/046,709 (32) **16 May/mai 1997 (16.05.1997)** (33) US

- (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **C12P 3/00, 1/00, 17/04, 7/24, C07B 33/00, 41/00, C07D 303/04, C12N 11/14**

- (54) ● PROCESS FOR THE SELECTIVE OXIDATION OF ORGANIC COMPOUNDS
 ● PROCEDE D'OXYDATION SELECTIVE DE COMPOSES ORGANIQUES

- (71) **E.I. DU PONT DE NEMOURS AND COMPANY** [--]; 1007 Market Street, Wilmington, DE 19898 (US).
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- (72, 75) **D'AMORE, Michael, Brian** [US/US]; 2406 Granby Road, Wilmington, DE 19810 (US).

(74) **SCHAEFFER, Andrew, L.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

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

(11) **WO 98/51812** (13) A2

(21) PCT/US98/09834

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 60/046,211 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(31) 60/054,289 (32) **31 Jul/juillet 1997 (31.07.1997)** (33) US

(31) 60/063,501 (32) **24 Oct/oct 1997 (24.10.1997)** (33) US

(31) 60/065,921 (32) **17 Nov/nov 1997 (17.11.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C12P 7/00**

(54) ● POLYHYDROXYALKANOATES FOR *IN VIVO* APPLICATIONS
● POLYHYDROXYALCANOATES DESTINES A DES APPLICATIONS *IN VIVO*

(71) **METABOLIX, INC.** [US/US]; 303 Third Street, Cambridge, MA 02142-1196 (US).

(72) **WILLIAMS, Simon, F.**; 28 Deerfield Road, Sherborn, MA 01770 (US). **MARTIN, David, P.**; 33 Hemlock Street, Arlington, MA 02174 (US). **GERNGROSS, Tillman**; 12 Antrim Street, Cambridge, MA 02139 (US). **HOROWITZ, Daniel, M.**; 435 Washington Street #206, Somerville, MA 02143 (US).

(74) **PABST, Patrea, L.**; Arnall Golden & Gregory, LLP, 2800 One Atlantic Center, 1201 West Peachtree Street, Atlanta, GA 30309-3450 (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 98/51813** (13) A1

(21) PCT/US98/09726

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

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(31) 60/047,012 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C12P 7/06, 7/16, 7/28 // C12R 1:145**

(54) ● A METHOD OF PRODUCING BUTANOL USING A MUTANT STRAIN OF *CLOSTRIDIUM BEIJERINCKII*
● PROCEDE DE PREPARATION DE BUTANOL UTILISANT UNE SOUCHE MUTANTE DE *CLOSTRIDIUM BEIJERINCKII*

(63) US 60/047,012 (CIP)
14 May/mai 1997 (14.05.1997)

(71) **THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS** [US/US]; 354 Henry Administration Building, 506 South Wright Street, Urbana, IL 61801 (US).
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(72, 75) **FORMANEK, Joseph** [US/US]; 2777 Buckingham #204, Lisle, IL 60532 (US). **CHEN, Chih-Kuang** [-/US]; Apartment 8, 1903 Nancy Court, Champaign, IL 61821 (US). **BLASCHEK, Hans**

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(74) **MUELLER, Lisa, V.**; Rockey, Milnamow & Katz, Ltd., Suite 4700, Two Prudential Plaza, Chicago, IL 60601 (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).

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(22) **8 May/mai 1998 (08.05.1998)**

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(31) 197 21 243.3 (32) **14 May/mai 1997 (14.05.1997)** (33) DE

(31) 297 08 955.2 (32) **14 May/mai 1997 (14.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C12P 7/62, 5/02, A01G 33/00 // C12R 1:01**

(54) ● METHOD FOR THE MATERIAL- AND ENERGY-EFFICIENT USE OF BIOGAS AND INSTALLATION FOR CARRYING OUT SAID METHOD

● PROCEDE POUR L'EXPLOITATION MATERIELLE ET ENERGETIQUE EFFICACE DE BIOGAZ AINSI QU'INSTALLATION POUR LA MISE EN OEUVRE DU PROCEDE

(71) **UFZ-UMWELTFORSCHUNGSZENTRUM LEIPZIG-HALLE GMBH** [DE/DE]; Permoserstrasse 15, D-04318 Leipzig (DE). **ENERGY OF NATURE - PROJEKTGESELLSCHAFT FÜR UMWELTECHNISCHE ANLAGENSYSTEME LEIPZIG MBH** [DE/DE]; Friedrich-Ebert-Strasse 33, D-04109 Leipzig (DE).
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(74) **ZIEBIG, Marlene, K.** et al. / etc.; Lützowplatz 11-13, D-10785 Berlin (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE 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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(31) 1006069 (32) **16 May/mai 1997 (16.05.1997)** (33) NL

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C12P 21/02, C07K 5/06**

(54) ● METHOD FOR PREPARING PEPTIDES
● PROCEDE DE PREPARATION DE PEPTIDES

(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) **FUNHOFF, Enrico, Gautier** [NL/NL]; Harteveldstraat 11, NL-5235 HL 's-Hertogenbosch (NL). **SCHULZE, Birgit** [DE/NL]; Moselberg 65, NL-6228 BK Maastricht (NL).

(74) **JACOBS, Monique, Sophie, Nicole**; Octrooibureau 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 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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(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C12Q 1/00**

(54) ● SYSTEM FOR MEASURING THE EFFICACY OF A STERILIZATION CYCLE
● SYSTEME DE MESURE DE L'EFFICACITE D'UN CYCLE DE STERILISATION

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **BOLEA, Phillip, A.**; 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) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/51817** (13) A1

(21) PCT/NL98/00270

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

(25) en (26) en

(31) 97201440.1 (32) **13 May/mai 1997 (13.05.1997)** (33) EP

(34) NL et al. / etc.

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C12Q 1/68**

(54) ● MOLECULAR DETECTION OF CHROMOSOME ABERRATIONS

● DETECTION MOLEculaire
D'ANOMALIES CHROMOSOMIQUES

(71) **ERASMUS UNIVERSITEIT ROTTERDAM** [NL/NL]; Dr. Molewaterplein 50, NL-3015 GE Rotterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAN DONGEN, Jacobus, Johannus, Maria** [NL/NL]; Parallelweg Zuid 147, NL-2914 LE Nieuwerkerk aan de IJssel (NL). **LANGERAK, Anthony, Willem** [NL/NL]; Van Bronkhorstvlief 34, NL-2992 WJ Barendrecht (NL).

(74) **SMULDERS, TH., A., H., J.**; Verenigde Octrooi-bureaux, 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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(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C12Q 1/68, A61K 41/00, C12N 15/10**

(54) ● METHOD FOR TREATMENT OF DEOXYRIBONUCLEIC ACID SEQUENCE BY RESTRICTASE

● PROCÉDE DE TRAITEMENT DE SEQUENCE D'ACIDE DESOXYRIBONUCLEIQUE (ADN) PAR RESTRICTASE

(71, 72) **KHRAPUNOV, Volodymyr Mykolaiovych** [UA/UA]; Strajesco Street, 3a-2, Kiev, 252126 (UA). **KHRAPUNOV, Sergy Mykolaiovych** [UA/UA]; Enthusiasts Street, 25/1-151, Kiev, 252126 (UA).

(74) **INSTITUTE OF CARDIO-VASCULAR SURGERY**; Patent Dept., Protasiv Yar, 11, Kiev, 252601 (UA).

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

(11) **WO 98/51819** (13) A1

(21) PCT/US98/09357

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

(25) en (26) en

(31) 08/855,058 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C12Q 1/68**

(54) ● METHODS FOR ELECTRONIC FLUORESCENT PERTURBATION FOR ANALYSIS AND ELECTRONIC PERTURBATION CATALYSIS FOR SYNTHESIS

● PROCÉDES DE PERTURBATION ELECTRONIQUE DE LA FLUORESCENCE POUR L'ANALYSE, ET DE CATALYSE DE PERTURBATION ELECTRONIQUE POUR LA SYNTHÈSE

(71) **NANOGEN, INC.** [US/US]; 10398 Pacific Center Court, San Diego, CA 92121 (US).

(72) **HELLER, Michael, J.**; 1614 Hawk View Drive, Encinitas, CA 92024 (US). **TU, Eugene**; 3527 Lark Street, San Diego, CA 92103 (US). **SOSNOWSKI, Ronald, G.**; 1013 Adella Avenue, Coronado, CA 92118 (US). **O'CONNELL, James, P.**; 682 Hoska Drive, Del Mar, CA 92014 (US).

(74) **MURPHY, David, B.** et al. / etc.; Lyon & Lyon LLP, Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071-2066 (US).

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

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(31) 08/857,007 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C12Q 1/68, G01N 33/48**

(54) ● METHODS FOR MEASURING CELLULAR PROLIFERATION AND DESTRUCTION RATES *IN VITRO* AND *IN VIVO*

● PROCÉDES POUR MESURER LES VITESSES DE PROLIFÉRATION ET DE DESTRUCTION CELLULAIRES *IN VITRO* ET *IN VIVO*

(63) US 08/857,007 (CIP)
15 May/mai 1997 (15.05.1997)

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; Office of Technology Transfer, 5th floor, 1111 Franklin Street, Oakland, CA 94607-5200 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HELLERSTEIN, Marc** [US/US]; 4 Anson Way, Kensington, CA 94612 (US).

(74) **POWERS, Margaret, A.** et al. / etc.; 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) 60/046,529 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C12Q 1/68, G01N 33/574**

(54) ● DETERMINATION OF CYCLIN-DEPENDENT KINASE INHIBITOR P27 LEVELS AS A PROGNOSTIC FACTOR IN CANCER PATIENTS

● DETERMINATION DE NIVEAUX DE P27 INHIBITEUR DE KINASE DEPENDANT DE LA CYCLINE COMME FACTEUR DE PRONOSTIC CHEZ DES PATIENTS ATTEINTS DE CANCER

(71) **THOMAS JEFFERSON UNIVERSITY** [US/US]; 11th and Walnut Streets, Philadelphia, PA 19107 (US).

(72) **GIORDANO, Antonio**; 303 Ginger Lane, Philadelphia, PA (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; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/51822** (13) A1

(21) PCT/US98/09831

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

(25) en (26) en

(31) 08/856,141 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C12Q 1/68**

(54) ● METHODS AND COMPOSITIONS OF CORRELATING TISSUE KALLIKREIN GENE PROMOTER POLYMORPHISMS WITH ESSENTIAL HYPERTENSION

● PROCÉDES ET COMPOSITIONS PERMETTANT D'ETABLIR UNE CORRELATION ENTRE DES POLYMORPHISMES DE PROMOTEUR DU GENE DE KALLIKREINE AVEC UNE HYPERTENSION ESSENTIELLE

(71) **MEDICAL UNIVERSITY OF SOUTH CAROLINA FOUNDATION FOR RESEARCH DEVELOPMENT** [US/US]; 171 Ashley Avenue, Charleston, SC 29425 (US).

(72) **CHAO, Lee**; 1011 Scotland Drive, Mt. Pleasant, SC 29464 (US). **CHAO, Julie**; 1011 Scotland Drive, Mt. Pleasant, SC 29464 (US).

(74) **SPRATT, Gwendolyn, D.** et al. / etc.; Needle & Rosenberg, 127 Peachtree Street, N.E., Atlanta, GA 30303 (US).

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

(11) **WO 98/51823** (13) A1

(21) PCT/US98/09952

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

(25) en (26) en

(31) 60/046,708 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(31) 08/971,845 (32) **8 Aug/août 1997 (08.08.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C12Q 1/68**

(54) ● ELECTROPHORETIC ANALYSIS OF MOLECULES USING IMMOBILIZED PROBES

- ANALYSE ELECTROPHORETICQUE DE MOLECULES AU MOYEN DE SONDES IMMobilISEES
- (63) US 08/971,845 (CIP)
8 Aug/août 1997 (08.08.1997)
US 60/046,708 (CIP)
16 May/mai 1997 (16.05.1997)
- (71) **MOSAIC TECHNOLOGIES** [US/US]; 1106 Commonwealth Avenue, Boston, MA 02215 (US). (for all designated States except / pour tous les États désignés sauf US)
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- (74) **BROOK, David, E.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02173 (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 98/51824** (13) A1

(21) PCT/US98/09972

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

(25) en (26) en

(31) 08/856,652 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C12Q 1/68, C12N 15/12, C07K 14/47, 16/18, G01N 33/574**

- (54) ● REAGENTS AND METHODS USEFUL FOR DETECTING DISEASE OF THE URINARY TRACT
● REACTIFS ET PROCEDES UTILES AU DEPISTAGE DE MALADIES DU TRACTUS URINAIRE

(71) **ABBOTT LABORATORIES** [US/US]; 100 Abbott Park Road, Abbott Park, IL 60064-3500 (US).

(72) **BILLING-MEDEL, Patricia, A.**; 1427 Sherwood Court, Gurnee, IL 60031 (US). **COHEN, Maurice**; 2026 Deerfield Road, Highland Park, IL 60035 (US). **COLPITTS, Tracey, L.**; 34365 North Circle Drive, Round Lake, IL 60073 (US). **FRIEDMAN, Paula, N.**; 462 Cumnor Court, Deerfield, IL 60015 (US). **GRANADOS, Edward, N.**; 19 Montgomery Lane, Vernon Hills, IL 60061 (US). **HODGES, Steven, C.**; 169 Stonegate Road, Buffalo Grove, IL 60089 (US). **KLASS, Michael, R.**; 1606 Mulberry Drive, Libertyville, IL 60048 (US). **KRATOCH-VIL, Jon, D.**; 7101 Fifth Avenue, Kenosha, WI 53143 (US). **ROBERTS-RAPP, Lisa**; 2090 Westfield Drive, Gurnee, IL 60031 (US). **RUSSELL, John, C.**; 8275 64th Court, Kenosha, WI 53142 (US). **STROUPE, Stephen, D.**; 945 Wilshire Drive, Libertyville, IL 60048 (US).

(74) **WEINSTOCK, Steven, F.**; Abbott Laboratories, D-377/AP6D, 100 Abbott Park Road, Abbott Park, IL 60064-3500 (US) et al. / etc.

(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) 08/857,046 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C12Q 1/68, C07K 5/00**

(54) ● PEPTIDES WHICH ENHANCE TRANSPORT OF AN ACTIVE AGENT ACROSS TISSUES AND COMPOSITIONS AND METHODS OF USING THE SAME

● PEPTIDES FAVORISANT LE TRANSPORT D'UN AGENT ACTIF DANS LES TISSUS, COMPOSITIONS LES RENFERMANT ET LEURS PROCEDES D'UTILISATION

(71) **ELAN CORPORATION, PLC** [IE/IE]; Lincoln House, Lincoln Place, Dublin 2 (IE). **CYTOGEN CORPORATION** [US/US]; 600 College Road East CN-5308, Princeton, NJ 08540-5308 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **O'MAHONY, Daniel, Joseph** [IE/IE]; 75 Avoca Park, Avoca Avenue, Blackrock, County Dublin (IE). **ALVAREZ, Vernon, Leon** [US/US]; 187 Rice Drive, Morrisville, PA 19067 (US). **SEVESO, Michela** [IT/IE]; Apartment 89, Marlborough Court, Marlborough Street, Dublin 1 (IE).

(74) **SEVERSON, Mary, L.**; Elan Pharmaceutical Research Corp., 1300 Gould Drive, Gainesville, GA 30504 (US).

(81) AL AU BB BG BR CA CN CU EE GE HU IL IS JP KR LR LK LT LV MK MX NO NZ PL RO RU SG SI SK TR TT UA US 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 98/51826** (13) A1

(21) PCT/US98/08591

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 60/046,581 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C21B 7/10**

(54) ● APPARATUS FOR AND METHOD OF TREATING LIQUID METAL

● DISPOSITIF ET PROCEDE POUR LE TRAITEMENT DE METAL LIQUIDE

(71, 72) **WONDRIS, Erich, F.** [US/US]; 1 Oxford Road, Ben Avon Heights, Pittsburgh, PA 15202-1314 (US).

(74) **BEAN, James, L.**; Kerkam, Stowell, Kondracki & Clarke, P.C., Two Skyline Place, Suite 600, 5203 Leesburg Place, Falls Church, VA 22041 (US).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK 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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(31) 08/857,880 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C22B 3/18, 11/08**

(54) ● INTEGRATED, TANK/HEAP BIOOXIDATION PROCESS FOR THE LIXIVIATION OF SULFIDE ORES

● PROCEDE DE BIOXYDATION INTEGRE EN CUVE/EN TAS POUR LA LIXIVIATION DES MINERAIS SULFURES

(71) **ECHO BAY MINES, LIMITED** [CA/CA]; 2900 Manulife Place, 10180-101 Street, Edmonton, Alberta T5J 3V5 (CA). **BIOMIN TECHNOLOGIES S.A.** [CH/CH]; c/o Progressia Société de Gestion S.A., Rue St-Pierre 18, CH-1700 Fribourg (CH).

(72) **SCHAFFNER, Michael, R.**; 225 Clearwater Court, Battle Mountain, NV 89820 (US). **BATTY, John, D.**; 154 Standard Drive, Blairgowrie 2194 (ZA).

(74) **FRITZ, Joachim, T.** et al. / etc.; Scott & Aylen, 1000-60 Queen Street, Ottawa, Ontario K1P 5Y7 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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) 60/046,639 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C22B 3/18, B01J 8/00, 19/30**

(54) ● SULFIDE MINERAL CONCENTRATE BIOLEACHING

● LIXIVIATION BIOLOGIQUE DE CONCENTRES MINERAUX SULFURES

(71) **MBX SYSTEMS, INC** [US/US]; 325 South Euclid Avenue, Tucson, AZ 85719 (US).

(72) **SHARP, James, E.** (deceased / décédé). **STUFFLE, Kevin**; 5775 South Old Spanish Trail, Tucson, AZ 85747 (US). **KARLAGE, Kelly, L.**; 1071 West Camino Desierto, Tucson, AZ 85704 (US). **YOUNG, Tom, L.**; 1438 West San Lucas Drive, Tucson, AZ 85704 (US).

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

(81) AU BR CA ID MX; 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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(31) 08/854,519 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C22B 21/00**

(54) ● ALUMINUM SCRAP CLEANING AND DE-CARBONIZATION

● NETTOYAGE ET DECARBURATION DES DECHETS D'ALUMINIUM

(71, 72) **WOOD, Michael, James** [US/US]; 22 Columbus, Irvine, CA 92720 (US).

(74) **LOGAN, F., Eugene**; Law Office of F. Eugene Logan, Suite 205, 275 Centennial Way, Tustin, CA 92780 (US).

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

(11) **WO 98/51830** (13) A1

(21) PCT/SE98/00909

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

(25) en (26) en

(31) 9701858-4 (32) **15 May/mai 1997 (15.05.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C22C 29/04**

(54) ● THERMAL SHOCK RESISTANT TITANIUM BASED CARBONITRIDE AND SINTERING METHOD TO MANUFACTURE IT

● CARBONITRURE A BASE DE TITANE ET RESISTANTS AUX CHOCS THERMIQUES, ET PROCEDE DE FRITTAGE PERMETTANT SA PRODUCTION

(71) **SANDVIK AB(publ)** [SE/SE]; S-811 81 Sandviken (SE).

(72) **ROLANDER, Ulf**; Flottbrovägen 10, S-112 64 Stockholm (SE). **WEINL, Gerold**; Gullrisstigen 5A, S-125 52 Älvsjö (SE). **ODÉN, Camilla**; Tallbacksvägen 19 B, S-811 41 Sandviken (SE). **LINDAHL, Per**; Gårdavägen 39, S-437 35 Lindome (SE).

(74) **TÅQUIST, Lennart**; Sandvik AB, Patent Dept., S-811 81 Sandviken (SE).

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

(11) **WO 98/51831** (13) A1

(21) PCT/SE98/00910

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

(25) en (26) en

(31) 9701859-2 (32) **15 May/mai 1997 (15.05.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C22C 29/04**

(54) ● TITANIUM BASED CARBONITRIDE ALLOY WITH NITRIDED SURFACE ZONE

● ALLIAGE DE CARBONITRURE A BASE DE TITANE, COMPORTANT UNE ZONE SUPERFICIELLE NITRUREE

(71) **SANDVIK AB** [SE/SE]; S-811 81 Sandviken (SE).

(72) **WEINL, Gerold**; Gullrisstigen 5A, S-125 52 Älvsjö (SE). **ROLANDER, Ulf**; Flottbrovägen 10, S-112 64 Stockholm (SE). **LINDAHL, Per**; Gårdavägen 39, S-437 35 Lindome (SE).

(74) **TÅQUIST, Lennart**; Sandvik AB, Patent Dept., S-811 81 Sandviken (SE).

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

(11) **WO 98/51832** (13) A1

(21) PCT/US98/09734

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

(25) en (26) en

(31) 08/857,991 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C22C 37/00, 38/00, 38/12, 38/14, 38/18, 38/24, C21D 6/02**

(54) ● IRON-BASED CASTING ALLOY AND PROCESS FOR MAKING SAME

● ALLIAGE DE MOULAGE A BASE DE FER ET PROCEDE DE FABRICATION CORRESPONDANT

(63) US 08/857,991 (CON) 16 May/mai 1997 (16.05.1997)

(71) **CLIMAX RESEARCH SERVICES, INC.** [US/US]; 39205 Country Club Drive, C-40, Farmington Hills, MI 48331-5718 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GUNDLACH, Richard, B.** [US/US]; 23700 Warner Street, Farmington, MI 48024 (US). **MAJUMDAR, Sumita** [IN/US]; 1709 Dunston Road, Canton, MI 48188 (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 98/51833** (13) A1

(21) PCT/JP98/02051

(22) **8 May/mai 1998 (08.05.1998)**

(25) ja (26) ja

(31) 9/134473 (32) **9 May/mai 1997 (09.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C22C 38/08**

(54) ● INVAR ALLOY STEEL SHEET MATERIAL FOR SHADOW MASK, METHOD OF PRODUCTION THEREOF, SHADOW MASK, AND COLOR PICTURE TUBE

● MATERIAU DE TYPE TOLE D'ACIER EN ALLIAGE INVAR POUR MASQUE PERFORE, PROCEDE DE PRODUCTION DE CE MATERIAU, MASQUE PERFORE, ET TUBE D'IMAGES COULEUR

(71) **TOYO KOHAN CO., LTD.** [JP/JP]; 4-3, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8911 (JP).

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(72, 75) **IDE, Tsuneyuki** [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi-ken

744-8611 (JP). **OKAYAMA, Hironao** [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi-ken 744-8611 (JP). **IKENAGA, Hiroaki** [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi-ken 744-8611 (JP). **SHIGEMASA, Susumu** [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi-ken 744-8611 (JP). **TAHARA, Yasuo** [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi-ken 744-8611 (JP). **SATO, Taizo** [JP/JP]; Toyo Kohan Co., Ltd., Kudamatsu Plant, 1302, Higashitoyoi, Kudamatsu-shi, Yamaguchi-ken 744-8611 (JP). **IKEDA, Akira** [JP/JP]; Toyo Kohan Co., Ltd., 4-3, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8911 (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 KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/51834** (13) A1

(21) PCT/JP98/02027

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

(25) ja (26) ja

(31) 9/120508 (32) **12 May/mai 1997 (12.05.1997)** (33) JP

(31) 10/34578 (32) **17 Feb/fév 1998 (17.02.1998)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C22C 38/50**

(54) ● HIGH-TOUGHNESS SPRING STEEL

● ACIER POUR RESSORT D'UNE GRANDE TENACITE

(71) **NIPPON STEEL CORPORATION** [JP/JP]; 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP).

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(72, 75) **HASHIMURA, Masayuki** [JP/JP]; Nippon Steel Corporation Muroran Works, 12, Nakamachi, Muroran City, Hokkaido 050-0087 (JP). **HAGIWARA, Hiroshi** [JP/JP]; Nippon Steel Corporation Muroran Works, 12, Nakamachi, Muroran City, Hokkaido 050-0087 (JP). **MIYAKI, Takanari** [JP/JP]; Nippon Steel Corporation Muroran Works, 12, Nakamachi, Muroran City, Hokkaido 050-0087 (JP). **BANNO, Toshio** [JP/JP]; Nippon Steel Corporation Muroran Works, 12, Nakamachi, Muroran City, Hokkaido 050-0087 (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) KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/51835** (13) A1

(21) PCT/US98/07664

(22) **16 Apr/avr 1998 (16.04.1998)**

(25) en (26) en

(31) 08/856,784 (32) **15 May/mai 1997** (33) US
(15.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C22F 1/04, 1/047, 1/053, 1/057, B26D 7/10**

(54) ● METHOD FOR SLIVER ELIMINATION IN SHEARING ALUMINUM SHEET
● PROCEDE DE CISAILLEMENT PERMETTANT D'ELIMINER L'ARGENT D'UNE FEUILLE D'ALUMINIUM

(71) **GENERAL MOTORS CORPORATION** [US/US]; P.O. Box 33114, Detroit, MI 48232 (US).

(72) **KRAJEWSKI, Paul, E.**; 11803 15 Mile Road #1B, Sterling Heights, MI 48312 (US).

(74) **GROVE, George, A.**; General Motors Corporation, Legal Staff, P.O. Box 33114, Detroit, MI 48232 (US).

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

(11) **WO 98/51836** (13) A1

(21) PCT/US98/09616

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

(25) en (26) en

(31) 08/855,191 (32) **13 May/mai 1997** (33) US
(13.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C23C 14/00**

(54) ● APPARATUS, SYSTEM AND METHOD FOR CONTROLLING EMISSION PARAMETERS ATTENDING VAPORIZED MATERIALS IN A HV ENVIRONMENT

● APPAREIL, SYSTEME ET PROCEDE PERMETTANT DE REGLER LES PARAMETRES D'EMISSION DE MATERIAUX VAPORISES DANS UN ENVIRONNEMENT SOUS VIDE POUSSE

(71) **ULTRATHERM, INC.** [US/US]; 825 Paint Rock Ferry Road, Kingston, TN 37763 (US).

(72) **McKEE, Rodney, Allen**; 825 Paint Rock Ferry Road, Kingston, TN 37763 (US). **WALKER, Frederick, Joseph**; 109 Euclid Place, Oak Ridge, TN 37830 (US).

(74) **COHEN, Herbert** et al. / etc.; Blank Rome Comisky & McCauley LLP, Wigman, Cohen, Leitner & Myers IP Group, Suite 1000, 900 17th Street, N.W., Washington, DC 20006 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51837** (13) A2

(21) PCT/GB98/01365

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

(25) en (26) en

(31) 9709639.0 (32) **14 May/mai 1997** (33) GB
(14.05.1997)

(31) 9725220.9 (32) **29 Nov/nov 1997** (33) GB
(29.11.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C23C 16/00**

(54) ● CHEMICAL VAPOUR DEPOSITION PRECURSORS
● PRECURSEURS UTILISES DANS LES TECHNIQUES DE DEPOT CHIMIQUE EN PHASE VAPEUR

(71) **SECRETARY OF STATE FOR DEFENCE acting through HIS DEFENCE EVALUATION AND RESEARCH AGENCY** [GB/GB]; St. Andrews Road, Great Malvern, Worcestershire WR14 3PS (GB).
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(72, 75) **JONES, Anthony, Copeland** [GB/GB]; Rosetree Cottage, Georgian Close, Eccleston Park, Prescott L35 7JW (GB). **LEEDHAM, Timothy, John** [GB/GB]; 14 Chantry Court, Cotton Lane, Bury St. Edmunds, Suffolk IP33 1AY (GB). **CROSBIE, Michael, John** [GB/GB]; 38 Mayfield Close, Pershore, Worcestershire WR10 1NW (GB). **WILLIAMS, Dennis, John** [GB/GB]; 23 Birchwood Close, Malvern Link, Worcestershire WR14 1LD (GB). **WRIGHT, Peter, John** [GB/GB]; 7 Hayes Bank Road, Malvern, Worcestershire WR14 3JY (GB). **LANE, Penelope, Anne** [GB/GB]; 7 Hayes Bank Road, Malvern, Worcestershire WR14 3JY (GB).

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

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

(11) **WO 98/51838** (13) A1

(21) PCT/US98/10078

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

(25) en (26) en

(31) 08/857,658 (32) **16 May/mai 1997** (33) US
(16.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C23C 16/06, 16/08, B32B 15/01**

(54) ● LOW RESISTIVITY W USING B₂H₆
● TUNGSTENE A FAIBLE RESISTIVITE UTILISANT B₂H₆

(63) US 08/857,658 (CON)
16 May/mai 1997 (16.05.1997)

(71) **APPLIED MATERIALS, INC.** [US/US]; P.O. Box 450A, Santa Clara, CA 95052 (US).
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(72, 75) **RAJAGOPALAN, Ravi** [IN/US]; 1124 Ayala Drive #2, Sunnyvale, CA 94086 (US). **GHANAYEM, Steve** [US/US]; 1576 Ontario Drive #10, Sunnyvale, CA 94087 (US). **YAMAZAKI, Manabu** [JP/JP]; 1-406, Ha Yachimata, Yachimata-shi, Chiba (JP). **OHTSUKA, Keiichi** [JP/JP]; 1-407 Mezonrahaina, 2-9-11, Igodai Narita-shi, Chiba (JP). **MAEDA, Yuji** [JP/JP]; 4-4-16, Agikidai Sakaemachi, Inbanuma-gun, Chiba (JP).

(74) **SHAFFER, William, L.** 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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(22) **2 May/mai 1998** (02.05.1998)

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(31) 197 19 195.9 (32) **9 May/mai 1997** (33) DE
(09.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C23C 16/36, 16/34, 16/32**

(54) ● PROCESSING INSERT, AND PRODUCTION OF SAME
● OUTIL RAPPORTE D'USINAGE, ET SON PROCEDE DE FABRICATION

(71) **WIDIA GMBH** [DE/DE]; Münchener Strasse 90, D-45145 Essen (DE).
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(72, 75) **KÖNIG, Udo** [DE/DE]; Helgolandring 31, D-45149 Essen (DE). **VAN DEN BERG, Hendrikus** [NL/NL]; Ligusterpad 41, NL-5925 BT Venlo-Blerick (NL). **WESTPHAL, Hartmut** [DE/DE]; Schulstrasse 16, D-36466 Dermbach (DE). **SOTTKE, Volkmar** [DE/DE]; Holzstrasse 182, D-45479 Mülheim (DE).

(74) **VOMBERG, Friedhelm**; Schulstrasse 8, D-42653 Solingen (DE).

(81) BR CA CN CZ HU 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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(31) 9/134472 (32) **9 May/mai 1997** (33) JP
(09.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C23C 22/00, 22/33, 28/00, C25D 11/38, B05D 3/10, 7/14, B32B 15/08**

(54) ● METHOD FOR SURFACE TREATMENT OF ALUMINUM ALLOY SHEET, SURFACE TREATED ALUMINUM ALLOY SHEET, AND ALUMINUM ALLOY SHEET COATED WITH THERMOPLASTIC RESIN

● PROCEDE DE TRAITEMENT DE SURFACE D'UNE TOLE EN ALLIAGE D'ALUMINIUM, TOLE EN ALLIAGE D'ALUMINIUM A SURFACE TRAITEE, ET TOLE EN ALLIAGE D'ALUMINIUM REVETUE D'UNE RESINE THERMOPLASTIQUE

(71) **TOYO KOHAN CO., LTD.** [JP/JP]; 4-3, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8911 (JP).

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(72, 75) **SHIMIZU, Keiichi** [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi-ken 744-8611 (JP). **KUNISHIGE, Fumio** [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi-ken 744-8611 (JP). **SHIRAI, Shinji** [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 KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/51841** (13) A1

(21) PCT/US98/09374

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

(25) en (26) en

(31) 60/046,682 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C23F 11/00, 11/18, C23C 22/34, 22/40, 22/68**

(54) ● LITHIUM AND VANADIUM CONTAINING SEALING COMPOSITION AND PROCESS THEREWITH

● COMPOSITION D'ETANCHEITE RENFERMANT DU LITHIUM ET DU VANADIUM ET PROCEDE CORRESPONDANT

(71) **HENKEL CORPORATION** [US/US]; Suite 200, 2500 Renaissance Boulevard, Gulph Mills, PA 19406 (US).

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(72, 75) **DOLAN, Shawn, E.** [US/US]; 37394 Utica Road, Sterling Heights, MI 48312 (US).

(74) **WISDOM, Norvell, E., Jr.**; Henkel Corporation, Suite 200, 2500 Renaissance Boulevard, Gulph Mills, PA 19406 (US).

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

Published / Publiée : (c)

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(21) PCT/JP97/01592

(22) **12 May/mai 1997 (12.05.1997)**

(25) ja (26) ja

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C25B 9/00**

(54) ● SEPARATE-TYPE HYDROGEN GAS AND OXYGEN GAS GENERATOR

● GENERATEUR D'HYDROGENE ET D'OXYGENE DU TYPE SEPARÉ

(71, 72) **MIYATA, Satoru** [JP/JP]; 2005, Yaturugi 2-chome, Moriyama-ku, Nagoya-shi, Aichi 463 (JP).

(74) **KIYOHARA, Yoshihiro**; 2-26, Dojima 2-chome, Kita-ku, Osaka-shi, Osaka 530 (JP).

(81) CN IL JP KR RU SG US; EP (DE FR GB IT SE).

(11) **WO 98/51843** (13) A1

(21) PCT/US98/09765

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 08/872,123 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C30B 25/10**

(54) ● A METHOD AND APPARATUS FOR ACHIEVING TEMPERATURE UNIFORMITY OF A SUBSTRATE

● PROCEDE ET APPAREIL PERMETTANT D'OBTENIR UNE TEMPERATURE UNIFORME POUR UN SUBSTRAT

(71) **APPLIED MATERIALS, INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95052 (US).

(72) **WILLIAMS, Meredith, J.**; P.O. Box 5654, Santa Clara, CA 95056 (US). **BALLANCE, David, S.**; 20862 Elenda Drive, Cupertino, CA 95014 (US). **BIERMAN, Benjamin**; 47438 Cholla Street, Fremont, CA 95014 (US). **DEATON, Paul**; 4471 Venice Way, San Jose, CA 95129 (US). **HAAS, Brian**; 5363 Joseph Lane, San Jose, CA 95118 (US). **TAKAHASHI, Nobuyuki**; Apartment 203, 1588 Vista Club Circle, Santa Clara, CA 95054 (US). **TIETZ, James, V.**; 36712 Reynolds Drive, Fremont, CA 94536 (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).

(11) **WO 98/51844** (13) A1

(21) PCT/US98/10143

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 08/880,194 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **C30B 25/12, C23C 16/44**

(54) ● CO-ROTATING EDGE RING EXTENSION FOR USE IN A SEMICONDUCTOR PROCESSING CHAMBER

● PROLONGEMENT CO-ROTATIF DE TYPE ANNEAU DE BORDURE DESTINE A UNE CHAMBRE DE TRAITEMENT DE SEMI-CONDUCTEUR

(71) **APPLIED MATERIALS, INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95052 (US).

(72) **BIERMAN, Benjamin**; 47438 Cholla Street, Fremont, CA 95014 (US). **WILLIAMS, Meredith, J.**; P.O. Box 5654, Santa Clara, CA 95056 (US). **BALLANCE, David, S.**; 20862 Elenda Drive, Cupertino, CA 95014 (US). **HAAS, Brian**; 5363 Joseph Lane, San Jose, CA 95118 (US). **DEATON, Paul**; 4471 Venice Way, San Jose, CA 95129 (US). **TIETZ, James, V.**; 36712 Reynolds Drive, Fremont, CA 94536 (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).

(11) **WO 98/51845** (13) A1

(21) PCT/EP98/02736

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

(25) de (26) de

(31) 197 19 218.1 (32) **11 May/mai 1997 (11.05.1997)** (33) DE

(31) 198 13 630.7 (32) **27 Mar/mar 1998 (27.03.1998)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **D03D 3/02, 3/06**

(54) ● FABRIC WITH A VARIABLE WIDTH

● TISSU A LARGEUR VARIABLE

(71, 72) **BÜSGEN, Alexander** [DE/DE]; Alleehaus / Shape 3, Friedrich-Engels-Allee 161 a, D-42285 Wuppertal (DE).

(74) **KAHLHÖFER, Hermann**; Bardehle, Pagenberg, Dost, Altenburg, Geissler, Isenbruck, Uerdinger Strasse 5, D-40474 Düsseldorf (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 98/51846** (13) A1

(21) PCT/US97/22882

(22) **12 Dec/déc 1997 (12.12.1997)**

(25) en (26) en

(31) 08/857,298 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **D03D 13/00, 15/00**

(54) ● SEAM DESIGN FOR A DRYER FABRIC

● CONCEPTION DE COUTURE POUR TOILE SECHEUSE

(71) **ALBANY INTERNATIONAL CORP.** [US/US]; 1373 Broadway, Albany, NY 12204 (US).

(72) **WHITLOCK, Sharon, K.**; 19124 RoseMary S.W., Rochester, WA 98579 (US). **JOSEF, Michael, J.**; 26 Churchill Downs, Spalding Farm, Greenville, SC 29615 (US).

(74) **SULLIVAN, Joseph, C.**; Kane, Dalsimer, Sullivan, Kurucz, Levy, Eisele and Richard, L.L.P., 20th floor, 711 Third Avenue, New York, NY 10017 (US).

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

(11) **WO 98/51847** (13) A1

(21) PCT/IL97/00160

(22) **15 May/mai 1997 (15.05.1997)**

(25) en (26) en

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **D04B 15/32**

(54) ● KNITTING MACHINE

● MACHINE A TRICOTER

(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, 29127 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 SL 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 98/51848** (13) A1
 (21) PCT/IL98/00111
 (22) **8 Mar/mar 1998 (08.03.1998)**
 (25) en (26) en
 (31) PCT/IL97/00160 (32) **15 May/mai 1997 (15.05.1997)** (33) WO
 (34) GH et al. / etc.
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **D04B 35/18**
 (54) ● OPTICAL POSITION MONITOR FOR KNITTING MACHINES
 ● DISPOSITIF DE CONTROLE DE POSITION OPTIQUE POUR MACHINES A TRICOTER
 (63) US PCT/IL97/00160 (CIP)
 15 May/mai 1997 (15.05.1997)
 (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). **GANOR, Ze'ev** [IL/IL]; Ben Shalom Street 13, 46408 Herzliya (IL). **KARASIKOV, Nir** [IL/IL]; Hague Street 49, 34980 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; 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 98/51849** (13) A1
 (21) PCT/ES98/00134
 (22) **12 May/mai 1998 (12.05.1998)**
 (25) es (26) es
 (31) P 9701061 (32) **14 May/mai 1997 (14.05.1997)** (33) ES
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **D04G 21/16, B66F 9/06**
 (54) ● IMPROVED SYSTEM FOR SETTING BLOCKS AND ARCHES FOR THE FORMATION OF SLABS
 ● SYSTEME AMELIORE DE POSE DE BLOCS OU DE VOUTES POUR LA FORMATION DE DALLES
 (71, 72) **RICO VILENA, Antonio** [ES/ES]; Carretera Cormacal, 344, Km. 80,8, E-29130 Alhaurin de la Torre (ES).
 (74) **URIZAR ANASAGASTI, José Antonio**; Puerto Rico, 6A, Bajo, E-28016 Madrid (ES).
 (81) ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/51850** (13) A1
 (21) PCT/US98/09353
 (22) **7 May/mai 1998 (07.05.1998)**
 (25) en (26) en
 (31) 08/858,211 (32) **10 May/mai 1997 (10.05.1997)** (33) US

- (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **D04H 1/52, 13/00, 11/00, B32B 5/26, 7/08, A61F 13/15, D04B 21/04**
 (54) ● STITCH BONDED FABRIC AND FLUID-RETAINING FABRIC MADE THEREWITH
 ● TISSU MAILLE ET TISSU RETENANT LES LIQUIDES FABRIQUE A PARTIR DE CELUI-CI
 (71) **STANDARD TEXTILE CO., INC.** [US/US]; One Knollcrest Drive, Cincinnati, OH 45222-1805 (US).
 (72) **STERN, Randolph, A.**; 9850 Cunningham Road, Cincinnati, OH 45243 (US). **BYLES, Michael, N.**; 3307 Peninsula Drive, Jamestown, NC 27282 (US).
 (74) **GROSSMAN, Kurt, L.** 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).

- (11) **WO 98/51851** (13) A1
 (21) PCT/DE98/01311
 (22) **11 May/mai 1998 (11.05.1998)**
 (25) de (26) de
 (31) 197 19 864.3 (32) **12 May/mai 1997 (12.05.1997)** (33) DE
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **D06F 43/08**
 (54) ● DRY CLEANING METHOD AND MACHINE
 ● PROCEDE ET MACHINE POUR LE NETTOYAGE DES TEXTILES
 (71, 72) **SCHIRL, Walter** [DE/DE]; Goethestrasse 11, D-88677 Markdorf (DE).
 (74) **ROTH, Klaus** et al. / etc.; Seestrasse 42, D-88214 Ravensburg (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 98/51852** (13) A1
 (21) PCT/EP98/02594
 (22) **2 May/mai 1998 (02.05.1998)**
 (25) de (26) de
 (31) 197 19 855.4 (32) **12 May/mai 1997 (12.05.1997)** (33) DE
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **D06M 13/17, 13/217, B01F 17/00, C11D 1/83, 1/06, 1/72, D06L 3/02, 3/06, 1/14, 1/12**
 (54) ● WETTING AGENT FOR THE PRE-TREATMENT OF TEXTILES
 ● AGENT DE MOUILLAGE POUR LE PRE-TRAITEMENT DE TEXTILES
 (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)

- (11) **WO 98/51853** (13) A1
 (21) PCT/US98/09648
 (22) **12 May/mai 1998 (12.05.1998)**
 (25) en (26) en
 (31) 08/855,422 (32) **13 May/mai 1997 (13.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **D06M 15/55, 15/507, 15/233, 15/564, 15/59, C03B 37/02, C03C 17/32**
 (54) ● NONAQUEOUS SIZING FOR GLASS AND CARBON FIBERS
 ● COMPOSITION D'ENCOLLAGE NON AQUEUSE POUR FIBRES DE VERRE ET DE CARBONE
 (71) **OWENS CORNING** [US/US]; One Owens Corning Parkway, Toledo, OH 43659 (US).
 (72) **FLAUTT, Martin, C.**; 230 Knoll Drive, Granville, OH 43023 (US). **DELAVIZ, Yadi**; 137 Wicklow Drive, Granville, OH 43023 (US). **GAO, Gary**; 912 Glyn Evans Court, Newark, OH 43055 (US).
 (74) **ECKERT, Inger, H.**; Owens Corning, Building 54, 2790 Columbus Road, Granville, OH 43023 (US).
 (81) JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (72, 75) **ZÖLLNER, Wolfgang** [DE/DE]; Ziegeleiweg 49, D-40591 Düsseldorf (DE). **KUSCH, Andreas** [DE/DE]; Turnierstrasse 45, D-55218 Ingelheim (DE). **BENICKE, Wolfgang** [DE/DE]; Hegelstrasse 22, D-40723 Hilden (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 98/51854** (13) A1
 (21) PCT/US98/06850
 (22) **7 Apr/avr 1998 (07.04.1998)**
 (25) en (26) en
 (31) 08/857,610 (32) **16 May/mai 1997 (16.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **D21B 1/16, D21C 9/00, 9/10, 9/153**
 (54) ● APPARATUS FOR FLUFFING AND CONTACTING HIGH CONSISTENCY WOOD PULP WITH A GASEOUS BLEACHING REAGENT
 ● APPAREIL DE PELUCHAGE ET DE MISE EN CONTACT D'UNE PATE BOIS DE FORTE CONSISTANCE AVEC UN REACTIF GAZEUX DE BLANCHIMENT
 (71) **BELOIT TECHNOLOGIES, INC.** [US/US]; Suite 3001, 3513 Concord Pike, Wilmington, DE 19803 (US).
 (72) **LARIVIERE, Christopher, J.**; 21A Old Derry Road, Hudson, NH 03051 (US).
 (74) **DONOVAN, Paul, F.**; Beloit Corporation, One St. Lawrence Avenue, Beloit, WI 53511 (US).
 (81) AT BR CA DE FI JP KR SE; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- Published / Publiée : (c)
 (11) **WO 98/51855** (13) A1
 (21) PCT/SE98/00879

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 9701778-4 (32) **14 May/mai 1997 (14.05.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **D21C 9/10, 11/00**

(54) ● METHOD OF MINIMIZING SCALING PROBLEMS IN THE MANUFACTURE OF BLEACHED CELLULOSE PULP WHILE USING AN ESSENTIALLY FULLY CLOSED WASHING LIQUID FLOW PATTERN

● PROCEDE DE REDUCTION DES PROBLEMES LIES AU TARTRE DANS LA PRODUCTION DE PATE A PAPIER BLANCHIE, A L'AIDE D'UN CIRCUIT FERME DE LIQUIDE DE LAVAGE

(71) **MO OCH DOMSJÖ AKTIEBOLAG** [SE/SE]; S-891 80 Örnköldsvik (SE).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **LIDÉN, Jan, Georg** [SE/SE]; Magnusv. 8, S-891 31 Hortlax (SE). **MAGNUSSON, Staffan, Lars, Sune** [SE/SE]; Ångsgatan 4, S-891 60 Örnköldsvik (SE).(74) **JONSSON, Per-Erik**; Mo och Domsjö Aktiebolag, S-891 80 Örnköldsvik (SE).

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

(11) **WO 98/51856** (13) A1

(21) PCT/US98/05663

(22) **20 Mar/mar 1998 (20.03.1998)**

(25) en (26) en

(31) 08/854,605 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **D21F 1/02**

(54) ● A TRAILING ELEMENT DEVICE

● DISPOSITIF A ELEMENT TRAINANT

(71) **BELOIT TECHNOLOGIES, INC.** [US/US]; Suite 3001, 3513 Concord Pike, Wilmington, DE 19803 (US).(72) **NEILL, Eugene, B.**; 5973 Hugh Drive, So. Beloit, IL 61080 (US). **RYAN, Mark, A.**; 4438 East County J, Beloit, WI 53511 (US).(74) **ARCHER, David, A.**; Beloit Corporation, One St. Lawrence Avenue, Beloit, WI 53511 (US).

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

(11) **WO 98/51857** (13) A1

(21) PCT/FI98/00395

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 972080 (32) **15 May/mai 1997 (15.05.1997)** (33) FI

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **D21F 5/04**

(54) ● METHOD FOR CONTROLLING THE CURL OF PAPER AND A PAPER OR BOARD MACHINE LINE THAT APPLIES THE METHOD

● PROCEDE DE TUILAGE DU PAPIER ET CHAÎNE DE MACHINES A PAPIER OU CARTON UTILISANT CE PROCEDE

(71) **VALMET CORPORATION** [FI/FI]; Panuntie 6, FIN-00620 Helsinki (FI).(72) **KAIHOVIRTA, Juha**; Rautpohjankatu 1 B 20, FIN-40700 Jyväskylä (FI). **PAKARINEN, Pekka**; Kaakonkoipi 3 A 2, FIN-40340 Jyväskylä (FI). **LUONTAWA, Matti**; Systeemänperä 5, FIN-40350 Jyväskylä (FI).(74) **FORSSE & SALOMAA OY**; Yrjönkatu 30, FIN-00100 Helsinki (FI).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ 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 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 98/51858** (13) A1

(21) PCT/SE98/00860

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 9701800-6 (32) **13 May/mai 1997 (13.05.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **D21F 5/18, F26B 3/28**

(54) ● DEVICE FOR DRYING OR HEAT TREATMENT OF A MATERIAL WEB

● DISPOSITIF DESTINE A UN TRAITEMENT DE SECHAGE OU DE CHAUFFAGE D'UNE BANDE CONTINUE DE MATERIAU

(71) **ABB FLÄKT AKTIEBOLAG** [SE/SE]; Sickla Allé 13, Nacka, S-120 86 Stockholm (SE). *(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **HALLDIN, Claes** [SE/SE]; PL 415 Granstholm, S-360 32 Gemla (SE).(74) **JENKLER, Malte** et al. / etc.; Asea Brown Boveri AB, Patent, Stockholm Office, S-120 86 Stockholm (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ 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 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 98/51859** (13) A1

(21) PCT/IB98/00711

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

(25) en (26) en

(31) 08/858,069 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **D21F 11/00**

(54) ● METHOD OF WET PRESSING TISSUE PAPER WITH THREE FELT LAYERS

● TECHNIQUE DE PRESSAGE HUMIDE DE PAPIER DE SOIE AU MOYEN DE TROIS COUCHES FEUTRE

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).(72) **AMPULSKI, Robert, Stanley**; 5674 Red Oak Drive, Fairfield, OH 45014 (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 98/51860** (13) A1

(21) PCT/US98/09462

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

(25) en (26) en

(31) 08/857,549 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **D21H 19/38, 21/52**

(54) ● ARAGONITIC PRECIPITATED CALCIUM CARBONATE PIGMENT FOR COATING ROTOGRAVURE PRINTING PAPERS

● UTILISATION D'UN PIGMENT DE CARBONATE DE CALCIUM ARAGONITIQUE PRECIPITE POUR LE COUCHARAGE DE PAPIERS D'IMPRESSION A ROTOGRAVURE

(71) **MINERALS TECHNOLOGIES INC.** [US/US]; 405 Lexington Avenue, New York, NY 10174-1901 (US).(72) **HASKINS, William, John**; 4525 Susan Drive, Bethlehem, PA 18077 (US). **OSTERHUBER, Edward, Joseph**; 560 Coon Hollow Road, Riegelsville, PA 18077 (US).(74) **RICHARDS, John**; 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).

(11) **WO 98/51861** (13) A1

(21) PCT/SE98/00791

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) sv (26) en

(31) 9701638-0 (32) **30 Apr/avr 1997 (30.04.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **D21H 21/40**

- (54) ● MULTILAYERED PAPER
● PAPIER MULTICOUCHE

(71) **AB TUMBA BRUK** [SE/SE]; S-147 82 Tumba (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERGSTRÖM, Jan** [SE/SE]; Askrikevägen 5, S-183 51 Täby (SE).

(74) **ONN, Thorsten** et al. / etc.; AB Stockholms Patentbyrå, Zacco & Bruhn, P.O. Box 23101, S-104 35 Stockholm (SE).

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

(11) **WO 98/51862** (13) A1

(21) PCT/IB98/00701

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

(25) en (26) en

(31) 08/854,397 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **D21H 27/32, B32B 29/00 // D21H 21:18**

- (54) ● SOFT MULTI-PLY TISSUE PAPER HAVING A SURFACE DEPOSITED STRENGTHENING AGENT
● PAPIER DE SOIE DOUX MULTICOUCHE COMPORTANT UN AGENT DE RENFORCEMENT DEPOSE SUR SA SURFACE

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

(72) **VINSON, Kenneth, Douglas**; 303 Wyoming Avenue, Cincinnati, OH 45215 (US). **FICKE, Jonathan, Andrew**; 1928 Oak Ridge Drive, Lawrenceburg, IN 47025 (US). **DEASON, Howard, Thomas**; 6273 Dewberry Court, Hamilton, OH 45011 (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 98/51863** (13) A1

(21) PCT/EP98/02764

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) VE97A000018 (32) **13 May/mai 1997 (13.05.1997)** (33) IT

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **E01B 21/00, 2/00**

- (54) ● TRACK SUPERSTRUCTURE, IN PARTICULAR FOR TRAMWAY, TRAM-RAILWAY AND UNDERGROUND RAILWAY LINES

- SUPERSTRUCTURE DE VOIES, EN PARTICULIER, POUR DES VOIES FERREES DE TRAMWAYS, DE CHEMINS DE FER ET DE METROS

(71) **FAMA S.R.L.** [IT/IT]; Via E. Fermi, 2/B, I-30036 Santa Maria di Sala (IT).

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

(72, 75) **FAVARON, Claudio** [IT/IT]; Via Giordano Bruno, 29, I-30174 Venezia Mestre (IT).

(74) **PIOVESANA, Paolo**; Corso del Popolo, 70, I-30172 Venezia Mestre (IT).

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

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(11) **WO 98/51864** (13) A1

(21) PCT/CH98/00082

(22) **27 Feb/fév 1998 (27.02.1998)**

(25) de (26) de

(31) 1144/97 (32) **15 May/mai 1997 (15.05.1997)** (33) CH

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **E01C 23/22**

- (54) ● VEHICLE FOR MARKING ROADS
● ENGIN POUR MARQUAGE ROUTIER

(71) **PLASTIROUTE S.A.** [CH/CH]; 5, route de Chêne, CH-1207 Genf (CH). **TRAUFFER AG** [CH/CH]; Rothornstrasse 11, CH-3855 Brienz (CH).

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

(72, 75) **TRAUFFER, Michael** [CH/CH]; Rothornstrasse 11, CH-3855 Brienz (CH).

(74) **BUGNION S.A.**; Postfach 375, CH-1211 Genf 12 (CH).

(81) AL AM AU AZ BA BB BG BR BY CA CH 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); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/51865** (13) A1

(21) PCT/SE98/00547

(22) **26 Mar/mar 1998 (26.03.1998)**

(25) sv (26) en

(31) 9701742-0 (32) **12 May/mai 1997 (12.05.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **E02B 7/00**

- (54) ● DAMMING DEVICE FOR ERECTING A LIQUID-DAMMING PROTECTIVE BANK

- DISPOSITIF D'ENDIGUEMENT PERMETTANT L'ERECTION D'UNE DIGUE DE PROTECTION POUR L'ENDIGUEMENT DE FLUIDES

(71, 72) **MELIN, Sigurd** [SE/SE]; Veda, S-820 64 Näsvisken (SE).

(74) **JOHANSSON, Lars**; Lars Johansson Patentbyrå AB, P.O. Box 68, S-801 02 Gävle (SE).

(81) AL AM AT AU (Utility model / modèle d'utilité) AU (Petty patent) AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ 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 98/51866** (13) A1

(21) PCT/GB98/01400

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

(25) en (26) en

(31) 97/4208 (32) **15 May/mai 1997 (15.05.1997)** (33) ZA

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **E02D 3/026**

- (54) ● IMPACT COMPACTOR

- DISPOSITIF DE COMPACTAGE PRODUISANT DES PERCUSSIONS

(71) **COMPACTION TECHNOLOGY (SOIL) LIMITED** [GB/GB]; Sydney De Leon of Talbot House, 204-226 Imperial Drive, Harrow, Middlesex HA2 7HH (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COOK, Eric, Johnstone** [ZA/ZA]; 57 Sommerset Street, Ferryvale, Nigel 1491 (ZA). **MILBURGH, Christoffel, Avril** [ZA/ZA]; 13 Fairbridge Street, Farrarmere, Benoni 1501 (ZA).

(74) **MARCHANT, James, Ian** et al. / etc.; Elkington and Fife, Prospect House, 8 Pembroke Road, Sevenoaks, Kent TN13 1XR (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 98/51867** (13) A1

(21) PCT/GB98/01351

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 9709629.1 (32) **12 May/mai 1997 (12.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **E02D 5/18**

- (54) ● HYDROPHILIC WATERBAR FOR DIAPHRAGM WALL JOINTS

- CASSIS HYDROPHILES POUR JOINTS DE MURS DIAPHRAGME

(71) **KVAERNER CEMENTATION FOUNDATIONS LIMITED** [GB/GB]; Maple Cross House, Denham Way, Maple Cross, Rickmansworth, Herts WD3 2SW (GB).

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

(72, 75) **SHOTTON, Peter, Gilbert** [GB/GB]; 80 Straight Bit, Flackwell Heath, Bucks HP10 9NA (GB). **MICALLEF, Francis, John** [GB/GB]; 14 Webbscroft Road, Dagenham, Essex RM10 7LN (GB).

(74) **VAUGHAN, Christopher, Tammo** et al. / etc.; Haseltine Lake & Co., Imperial House, 15-19 Kingsway, London WC2B 6UD (GB).

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

(11) **WO 98/51868** (13) A1

(21) PCT/JP97/01591

(22) **12 May/mai 1997 (12.05.1997)**

(25) ja (26) ja

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **E02D 5/54, 27/50**

(54) ● METHOD OF ARRANGING REINFORCEMENT IN FORMING FOUNDATION OF GROUND REINFORCING TYPE AND FOUNDATION BODY

● PROCEDE POUR DISPOSER DES ARMATURES LORS DE LA FORMATION DE FONDATIONS DU TYPE TERRE ARMEE, ET CORPS DE FONDATION

(71) **TOKYO ELECTRIC POWER COMPANY** [JP/JP]; 1-3, Uchisaiwaicho 1-chome, Chiyoda-ku, Tokyo 100 (JP). **DAI-NIPPON CONSTRUCTION** [JP/JP]; 6-8, Usaminami 1-chome, Gifu-shi, Gifu 500 (JP).

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

(72, 75) **YOSHII, Sachio** [JP/JP]; 1-3, Uchisaiwaicho 1-chome, Chiyoda-ku, Tokyo 100 (JP). **TANABE, Shigeru** [JP/JP]; 1-3, Uchisaiwaicho 1-chome, Chiyoda-ku, Tokyo 100 (JP). **IJIMA, Masayoshi** [JP/JP]; 1-3, Uchisaiwaicho 1-chome, Chiyoda-ku, Tokyo 100 (JP). **SEKINO, Hideo** [JP/JP]; 6-8, Usaminami 1-chome, Gifu-shi, Gifu 500 (JP).

(74) **GOTO, Masaki**; Shoyu-Kaikan, 3-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100 (JP).

(81) CN JP KR US.

(11) **WO 98/51869** (13) A1

(21) PCT/CH98/00164

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

(25) de (26) de

(31) 1109/97 (32) **12 May/mai 1997 (12.05.1997)** (33) CH

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **E02D 29/02**

(54) ● DEVICE FOR STABILISING AN UNSTABLE SHOULDER IN RAILWAY AND ROAD

CONSTRUCTION AND METHOD FOR PRODUCING THE SAME

● DISPOSITIF POUR STABILISER UNE BANQUETTE INSTABLE DANS LE DOMAINE DE LA CONSTRUCTION DE VOIES FERREES ET DE ROUTES, ET PROCEDE CORRESPONDANT

(71) **RÜEGGER SYSTEME AG INGENIEURLÖSUNGEN IN DER GEOTECHNIK** [CH/CH]; Oberstrasse 200, CH-9000 St.Gallen (CH). **GLEISAG GLEIS- UND TIEFBAU AG RORSCHACH** [CH/CH]; Feuerwehrstrasse 16, CH-9401 Rorschach (CH).

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

(72, 75) **RÜEGGER, Rudolf** [CH/CH]; Steinerstrasse 7, CH-9052 Niederteufen (CH).

(74) **SCHMAUDER, Klaus**; Schmauder & Partner AG, Zwängiweg 7, CH-8038 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).

(11) **WO 98/51870** (13) A1

(21) PCT/EP98/02804

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

(25) de (26) de

(31) 297 08 650.2 (32) **15 May/mai 1997 (15.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **E02D 29/12**

(54) ● MANHOLE COVER

● DISPOSITIF DE COUVERTURE DE PUITS

(71, 72) **KORTMANN, Karl** [DE/DE]; Am Werkshorn 21, D-48465 Schüttorf (DE).

(74) **BUSSE, V.** et al. / etc.; Postfach 12 26, D-49002 Osnabrück (DE).

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

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(11) **WO 98/51871** (13) A1

(21) PCT/SE98/00878

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

(25) sv (26) en

(31) 9701797-4 (32) **15 May/mai 1997 (15.05.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **E02F 3/40 // B28C 5/42**

(54) ● VEHICLE-BORN BUCKET FOR DOSAGE AND MIXING

● PELLE DOSEUSE ET MELANGEUSE MONTEE SUR UN VEHICULE

(71, 72) **NILSSON, Sven, Erik** [SE/SE]; Storhagavägen 1, S-827 94 Ljusdal (SE).

(74) **JOHANSSON, Lars**; Lars Johansson Patentbyrå AB, P.O. Box 68, S-801 02 Gävle (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).

(11) **WO 98/51872** (13) A1

(21) PCT/JP98/02047

(22) **8 May/mai 1998 (08.05.1998)**

(25) ja (26) ja

(31) 9/119632 (32) **9 May/mai 1997 (09.05.1997)** (33) JP

(31) 9/184017 (32) **9 Jul/juil 1997 (09.07.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **E02F 3/96, 9/16**

(54) ● CONSTRUCTION MACHINE

● MACHINE DE CONSTRUCTION

(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) **KANDA, Toshimasa** [JP/JP]; Kenkyusho of Komatsu Ltd., 1200, Manda, Hiratsuka-shi, Kanagawa 254-0913 (JP). **YANAGI, Kunikazu** [JP/JP]; Kenkyusho of Komatsu Ltd., 1200, Manda, Hiratsuka-shi, Kanagawa 254-0913 (JP). **OKAMURA, Kenji** [JP/JP]; Kenkyusho of Komatsu Ltd., 1200, Manda, Hiratsuka-shi, Kanagawa 254-0913 (JP). **YOSHINADA, Hiroshi** [JP/JP]; Kenkyusho of Komatsu Ltd., 1200, Manda, Hiratsuka-shi, Kanagawa 254-0913 (JP). **OHTSUKASA, Naritoshi** [JP/JP]; Kenkyusho of Komatsu Ltd., 1200, Manda, Hiratsuka-shi, Kanagawa 254-0913 (JP).

(74) **KIMURA, Takahisa**; 6F, Sendai Building, 8-11, Minato 1-chome, Chuo-ku, Tokyo 104-0043 (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 98/51873** (13) A1

(21) PCT/JP98/01632

(22) **9 Apr/avr 1998 (09.04.1998)**

(25) ja (26) ja

(31) 9/119815 (32) **9 May/mai 1997 (09.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **E02F 9/16**

(54) ● FRONT WINDOW BEARING STRUCTURE FOR CABS

● STRUCTURE D'APPUI DE LA VITRE AVANT DE CABINES DE CONDUITE

(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) **AKAHANE, Eiji** [JP/JP]; Shin Caterpillar Mitsubishi Ltd., 10-1, Yoga 4-chome, Setagaya-ku, Tokyo 158-0097 (JP). **NAKAYAMA, Masahiro** [JP/JP]; Shin Caterpillar Mitsubishi Ltd., 10-1, Yoga 4-chome, Setagaya-ku, Tokyo 158-0097 (JP). **ANDOU, Hiroaki** [JP/JP]; Shin Caterpillar Mitsubishi Ltd., 10-1, Yoga 4-chome, Setagaya-ku, Tokyo 158-0097 (JP). **ENDO, Noriaki** [JP/JP]; 1050, Oyamada, Takasu-machi, Onomichi-City, Hiroshima 729-0141 (JP). **HARAYAMA, Yusuke** [JP/JP]; 1050, Oyamada, Takasu-machi, Onomichi-City, Hiroshima 729-0141 (JP).

(74) **KABASAWA, Joo** et al. / etc.; NSO Building, 1-22, Shinjuku 3-chome, Shinjuku-ku, Tokyo 160-0022 (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 98/51874** (13) A1

(21) PCT/SE98/00930

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

(25) sv (26) en

(31) 9701842-8 (32) **16 May/mai 1997 (16.05.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **E04B 1/343**

(54) ● MANUALLY MANAGEABLE BUILDING MODULE, METHOD FOR PACKING, UNPACKING AND ASSEMBLING SAID MODULES, AND A BUILDING COMPRISING SAID ASSEMBLED BUILDING MODULES
● MODULE DE CONSTRUCTION A MANIPULATION MANUELLE, PROCEDE D'EMBALLAGE, DE DEBALLAGE ET D'ASSEMBLAGE DE CES MODULES, ET BATIMENT COMPRENANT CES MODULES DE CONSTRUCTION ASSEMBLES

(71, 72) **CARLSSON, Bengt-Göran** [SE/SE]; Järila kvarn, S-713 91 Nora (SE).

(74) **ERIKSSON, Hans**; P.O. Box 50, S-641 21 Katrineholm (SE).

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

(11) **WO 98/51875** (13) A1

(21) PCT/SE98/00927

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

(25) sv (26) en

(31) 9701818-8 (32) **15 May/mai 1997 (15.05.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **E04B 1/344**

(54) ● EXPANDABLE, MOBILE ACCOMMODATION OF ACTIVITIES
● LOCAL D'ACTIVITES MOBILE ET EXTENSIBLE

(71) **INNOVATION DEVELOPMENT ENTERPRISE I STOCKHOLM AB** [SE/SE]; Polhemsgatan 29, S-112 30 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GYLLENHAMMAR, Thorbjörn** [SE/SE]; Möjbrovägen 20, S-161 53 Bromma (SE).

(74) **WALDINGER, Åke**; Roslinvägen 41, S-168 51 Bromma (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 98/51876** (13) A1

(21) PCT/US98/09380

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 08/856,995 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **E04B 2/74**

(54) ● KNOCK-DOWN PORTABLE PARTITION SYSTEM

● SYSTEME DE CLOISON PORTABLE ET DEMONTABLE

(71) **STEELCASE INC.** [US/US]; 901 - 44th Street, S.E., Grand Rapids, MI 49508 (US).

(72) **WAALKES, Michael, L.**; 22422 Monterey Drive, Athens, AL 35613 (US). **PRESSNELL, Marcus, K.**; 1412 W. Washington Street, Athens, AL 35612 (US). **SLAGER, Mark, T.**; 2352 Fawnwood, S.E., Kentwood, MI 49508 (US). **SHIELDS, Michael, R.**; 1702 Three Meadows Road, Greensboro, NC 27455 (US). **KANE, Brian, J.**; 437 Belvedere Street, San Francisco, CA 94117 (US). **CHRISTOPHER, Robin**; 20659 Holt Road, Athens, AL 35613 (US). **BOYLE, Dennis, J.**; 1169 Hamilton Avenue, Palo Alto, CA 94301 (US). **SKILLMAN, Peter, N.**; 827 Sunset Drive, San Carlos, CA 94070 (US). **SEIBER, Charles, A.**; 144 Burns Avenue, Atherton, CA 94027 (US). **CHANG, Joseph**; 35 Fruitwood Court, N.W., Grand Rapids, MI 49504 (US).

(74) **CARRIER, Robert, J.**; Price, Heneveld, Cooper, DeWitt & Litton, 695 Kenmoor, S.E., P.O. Box 2567, Grand Rapids, MI 49501 (US).

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

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(11) **WO 98/51877** (13) A1

(21) PCT/GB98/01337

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

(25) en (26) en

(31) 97/4035 (32) **9 May/mai 1997 (09.05.1997)** (33) ZA

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **E04B 5/26, E04C 5/065**

(54) ● SLAB CONSTRUCTION

● CONSTRUCTION DE DALLAGE

(71) **SKONE JAMES, Robert, Edmund** [GB/GB]; Gill Jennings & Every, Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).
(only for / seulement pour IS)

(71, 72) **HILLIER, Lynnette** [ZA/ZA]; 29 Arlington Road, Bryanston 2021, Sandton (ZA).

(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 98/51878** (13) A1

(21) PCT/GB98/01339

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

(25) en (26) en

(31) 97/4036 (32) **9 May/mai 1997 (09.05.1997)** (33) ZA

(31) 97/9266 (32) **16 Oct/oct 1997 (16.10.1997)** (33) ZA

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **E04B 5/26**

(54) ● SLAB CONSTRUCTION

● CONSTRUCTION DE DALLAGE

(71) **SKONE JAMES, Robert, Edmund** [GB/GB]; Gill Jennings & Every, Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).
(only for / seulement pour IS)

(71, 72) **HILLIER, Lynnette** [ZA/ZA]; 29 Arlington Road, Bryanston 2021, Sandton (ZA).

(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).

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(11) **WO 98/51879** (13) A1

(21) PCT/US98/10011

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

(25) en (26) en

(31) 08/857,706 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **E04B 7/00**

(54) ● IMPROVED ROOF CLOSURE VENT SYSTEM

● SYSTEME PERFECTIONNE D'EXUTOIRES EN TOITURE

(71, 72) **MASON, Dwayne, L.** [US/US]; 13122 Sycamore Heights, Houston, TX 77065 (US). **GARRISON, Charles, F.** [US/US]; 130 W. North Hill, Spring, TX 77388 (US).

(74) **MASON, Dwayne, L.**; Matthews, Joseph, Shaddox & Mason, L.L.P., P.O. Box 572957, Houston, TX 77257-2957 (US).

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

(11) **WO 98/51880** (13) A1

(21) PCT/PL98/00015

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

(25) en (26) en

(31) W.106509 (32) **9 May/mai 1997 (09.05.1997)** (33) PL

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **E04C 1/40**

(54) ● STYROFOAM HOLLOW BRICKS

● BRIQUES CREUSES EN MOUSSE DE POLYSTYRENE

(71) **PRZEDSIĘBIORSTWO PRODUKCYJNO-USŁUGOWE IZODOM 2000 POLSKA SP. Z O.O.** [PL/PL]; ul. Ceramiczna 2, PL-98-220 Zdunska Wola (PL).

(72) **WÓJCIK, Andrzej**; Kusy 17, PL-05-610 Goszczyn (PL).

(74) **FUSZARA, Hanna**; ul. Okinskiego 1 m 71, PL-02-115 Warszawa (PL).

(81) BY LT LV RU UA.

Published / Publiée : (c)

(11) **WO 98/51881** (13) A1

(21) PCT/PL98/00016

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

(25) en (26) en

(31) W.106510 (32) **9 May/mai 1997 (09.05.1997)** (33) PL

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **E04C 1/40**

(54) ● CLOSURE OF THE FRONTAL SURFACE OF THE MODULAR STYROFOAM HOLLOW BRICK

● SYSTEME DE FERMETURE DE LA SURFACE FRONTALE D'UNE BRIQUE CREUSE MODULAIRE EN MOUSSE DE POLYSTYRENE

(71) **PRZEDSIĘBIORSTWO PRODUKCYJNO-USŁUGOWE IZODOM 2000 POLSKA SP. Z O.O.** [PL/PL]; ul. Ceramiczna 2, PL-98-220 Zdunska Wola (PL).

(72) **WÓJCIK, Andrzej**; Kusy 17, PL-05-610 Goszczyn (PL).

(74) **FUSZARA, Hanna**; ul. Okinskiego 1 m 71, PL-02-115 Warszawa (PL).

(81) BY LT LV RU UA.

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(11) **WO 98/51882** (13) A1

(21) PCT/JP97/01579

(22) **12 May/mai 1997 (12.05.1997)**

(25) ja (26) ja

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **E04C 3/20**

(54) ● STRUCTURAL MATERIAL AND METHOD OF JOINING THE SAME

● MATERIAU STRUCTURAL ET SON PROCEDE D'ASSEMBLAGE

(71, 72) **SHIMONOHARA, Takeshige** [JP/JP]; 8-10, Nishikicho 5-chome, Warabi-shi, Saitama-ken 335 (JP).

(74) **DOI, Ikuro**; Daiichi-Inaho Building 2nd floor, 1-26, Kudankita 4-chome, Chiyoda-ku, Tokyo 102 (JP).

(81) AU BG BR CA CN CU CZ IL JP KR KZ LK MX NO NZ PL RO RU SG TR UA US VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (b)

(11) **WO 98/51883** (13) A1

(21) PCT/CA98/00480

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

(25) en (26) en

(31) 2,206,830 (32) **15 May/mai 1997 (15.05.1997)** (33) CA

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **E04C 3/34**

(54) ● COMPOSITE STEEL/CONCRETE COLUMN
● COLONNE COMPOSITE EN ACIER/BETON

(71) **LE GROUPE CANAM MANAC INC.** [CA/CA]; 270, chemin du Tremblay, Boucherville, Québec J4B 5X9 (CA).

(72) **VINCENT, Richard**; 121, Longmore Drive, Pointe-Claire, Québec H9S 5A4 (CA).

(74) **ROBIC**; 55, Saint-Jacques, Montréal, Québec H2Y 3X2 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51884** (13) A1

(21) PCT/US98/07476

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/857,727 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **E04C 5/16**

(54) ● SYSTEM FOR AFFIXING REBAR LATTICE TO RECEIVE CONCRETE

● PROCEDE DE FIXATION D'UN TREILLIS DE BARRES D'ARMATURE DESTINE A RECEVOIR DU BETON

(71) **HARDY CONSTRUCTION TECHNOLOGY, L.L.C.** [US/US]; Suite 108, 2511B NASA Road One, Seabrook, TX 77586 (US).

(72) **HARDY, Robert, M., Jr.**; 300 Kirby Road, Taylor Lake Village, TX 77586 (US). **WATERS, Louis, A., Jr.**; 4522 Teas Street, Bellaire, TX 77401 (US).

(74) **HEWITT, Lester, L.** et al. / etc.; Pravel, Hewitt, Kimball & Krieger, 10th floor, 1177 West Loop South, Houston, TX 77027 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51885** (13) A1

(21) PCT/SE98/00858

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

(25) sv (26) en

(31) 9701816-2 (32) **15 May/mai 1997 (15.05.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **E04G 23/02**

(54) ● METHOD FOR REINFORCING

● PROCEDE DE RENFORCEMENT

(71) **NILS MALMGREN AB** [SE/SE]; P.O. Box 2039, S-442 02 Ytterby (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MALMGREN, Nils** [SE/SE]; Fontinvägen 28, S-442 31 Kungälv (SE). **AUGUSTSSON, Curt** [SE/SE]; Långared 7312, S-441 91 Alingsås (SE).

(74) **CEGUMARK AB**; P.O. Box 53047, S-400 14 Göteborg (SE).

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

(11) **WO 98/51886** (13) A1

(21) PCT/IB98/00727

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

(25) fr (26) fr

(31) 1152/97 (32) **16 May/mai 1997 (16.05.1997)** (33) CH

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **E04G 25/04**

(54) ● STAY

● ETAI

(71) **ETABLISSEMENT NANICOBA** [LI/LI]; c/o Cura Treuinstitut, Städtle 36, Case postale 827, FL-9490 Vaduz (LI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERSIER, Nicolas** [CH/CH]; Rue du Vieux-Pont 15, CH-1630 Bulle (CH).

(74) **MICHELLI, Michel, P.**; Kirker & Cie S.A., 122, rue de Genève, Case postale 324, CH-1226 Thônex (CH).

(81) AU CA CN JP 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 98/51887** (13) A1
(21) PCT/FR97/00864
(22) **15 May/mai 1997 (15.05.1997)**
(25) fr (26) fr
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **E04H 4/14**
(54) ● IMMERSED DEVICE FOR SWIMMING POOL
● DISPOSITIF IMMERGE POUR PISCINE
(71) **POSEIDON** [FR/FR]; 27, rue de Galilée, F-75116 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **MENIERE, Jérôme** [FR/FR]; 117, boulevard du Général Koenig, F-92200 Neuilly-sur-Seine (FR).
(74) **PEUSCET, Jacques**; Cabinet Peuscet, 78, avenue Raymond Poincaré, F-75116 Paris (FR).
(81) AU CA IL JP NZ US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/51888** (13) A1
(21) PCT/US98/09810
(22) **12 May/mai 1998 (12.05.1998)**
(25) en (26) en
(31) 97/4101 (32) **13 May/mai 1997 (13.05.1997)** (33) ZA
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **E04H 4/16**
(54) ● HOSE ROTATOR FOR AUTOMATIC POOL CLEANER
● DISPOSITIF DE ROTATION DE TUYAU POUR APPAREIL AUTOMATIQUE DE NETTOYAGE DE BASSIN
(71) **BARACUDA INTERNATIONAL CORPORATION** [US/US]; 3420 N.W. 53rd Street, Fort Lauderdale, FL 33309 (US).
(only for / seulement pour CA)
(71) **SWEPEY INTERNATIONAL S.A.** [FR/FR]; Route de la Saune, Balma, F-31130 Fonsgrives (FR).
(for all designated States except / pour tous les États désignés sauf CA US)
(72, 75) **ATKINS, David, Seagrave** [ZA/ZA]; Muldersdrift, Gauteng Province 2041 (ZA).
(74) **PRATT, John, S.** et al. / etc.; Kilpatrick Stockton LLP, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309-4530 (US).
(81) AU BR CA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
Published / Publiée : (b)
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- (11) **WO 98/51889** (13) A1
(21) PCT/US98/09747
(22) **14 May/mai 1998 (14.05.1998)**
(25) en (26) en
(31) 08/857,751 (32) **15 May/mai 1997 (15.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **E04H 14/00**
(54) ● BRACKET FOR INTERCONNECTING A BUILDING STUD TO PRIMARY STRUCTURAL COMPONENTS
● CONSOLE DE FIXATION D'UN POTEAU DE CONSTRUCTION A DES COMPOSANTS DE STRUCTURE PRIMAIRES
(71, 72) **DIGIROLAMO, Edward, R.** [US/US]; 8617 Davishire Drive, Raleigh, NC 27615 (US).
MOUNTCASTLE, Richard [US/US]; 12121 Castle Ridge Road, Raleigh, NC 27614 (US).
(74) **PHILIPS, Michael, R.** et al. / etc.; Olive & Olive, P.A., P.O. Box 2049, Durham, NC 27702 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/51890** (13) A1
(21) PCT/US98/09785
(22) **14 May/mai 1998 (14.05.1998)**
(25) en (26) en
(31) 08/856,287 (32) **14 May/mai 1997 (14.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **E04H 15/36**
(54) ● PYRAMIDAL TENT-LIKE STRUCTURE
● STRUCTURE EN FORME DE TENTE PYRAMIDALE
(71, 72) **STREVEY, Darlene** [US/US]; 2036 Royal Fern Court, Reston, VA 20191 (US).
(74) **FLESHNER, Mark, L.**; Fleshner & Kim, Suite 125, 14500 Avion Parkway, Chantilly, VA 20151 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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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- Published / Publiée : (c)
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- (11) **WO 98/51891** (13) A1
(21) PCT/SE98/00746
(22) **23 Apr/avr 1998 (23.04.1998)**
(25) sv (26) en
(31) 9701572-1 (32) **28 Apr/avr 1997 (28.04.1997)** (33) SE
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **E05B 21/00, 35/00**
(54) ● A LOCK DEVICE
● DISPOSITIF DE VERROUILLAGE
(71) **SAHLÉN, Anita** [SE/SE]; Skogsgatan 93, S-58 257 Linköping (SE).
(71, 72) **DYHLÉN, Kenneth** [SE/SE]; Skogsgatan 93, S-58 257 Linköping (SE).
(74) **LUNDQUIST, Arne**; Oxön 1:9, S-139 50 Värmdö (SE).
(81) DE DK FI GB; 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 98/51892** (13) A1
(21) PCT/JP98/02058
(22) **11 May/mai 1998 (11.05.1998)**
(25) ja (26) ja
(31) 9/127526 (32) **16 May/mai 1997 (16.05.1997)** (33) JP
(31) 9/237351 (32) **2 Sep/sep 1997 (02.09.1997)** (33) JP
(31) 10/6070 (32) **14 Jan/jan 1998 (14.01.1998)** (33) JP
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **E05B 49/00, 65/20**
(54) ● APPARATUS FOR REMOTELY CONTROLLING DEVICE FOR MOBILE BODY
● APPAREIL POUR LA COMMANDE A DISTANCE D'UN DISPOSITIF POUR CORPS MOBILE
(71) **TOYOTA JIDOSHA KABUSHIKI KAISHA** [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **OKADA, Hiroki** [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 (JP).
SUGIURA, Misako [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 (JP).
(74) **ITO, Tadahiko**; Yebisu Garden Place Tower, 32nd floor, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (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 98/51893** (13) A1
(21) PCT/US98/09334
(22) **7 May/mai 1998 (07.05.1998)**
(25) en (26) en
(31) 08/857,208 (32) **15 May/mai 1997 (15.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **E05B 65/36, 65/20**
(54) ● ELECTRONIC DOOR LOCK SYSTEM
● SYSTEME DE VERROUILLAGE ELECTRONIQUE DE PORTIERES
(71) **UT AUTOMOTIVE DEARBORN, INC.** [US/US]; 5200 Auto Club Drive, Dearborn, MI 48126-2659 (US).
(72) **CRANICK, John**; 6173 Willow Spring, White Lake, MI 48383 (US).
WIERSING, Jeffrey, K.; 125 Glenwood Drive, Walled Lake, MI 48390 (US).
MITTELBRUN, Daniel; 35755 Vicksburg, Farmington Hills, MI 48331 (US).
(74) **OLDS, Theodore, W.** et al. / etc.; Howard & Howard Attorneys, P.C., Suite 101, 1400 North Woodward Avenue, Bloomfield Hills, MI 48304 (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 98/51894** (13) A1
 (21) PCT/US98/09916
 (22) **15 May/mai 1998 (15.05.1998)**
 (25) en (26) en
 (31) 60/046,759 (32) **16 May/mai 1997 (16.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)

- (51)⁶ **E05C 3/04**
 (54) ● LOCKING SQUEEZE-OFF CLAMP
 ● PINCE-ÉTAU AVEC MECANISME DE VERROUILLAGE
 (63) US Not furnished / non communiqué (CIP)
 Not furnished / non communiqué

- (71) **TIMBERLINE TOOL AND CASTING** [US/US]; P.O. Box 1328, Whitefish, MT 59937 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **COLLISTER, Richard, L., Jr.** [US/US]; 18460 Mustang Lane, Frenchtown, MT 59834 (US). **GREEN, Kenneth, H.** [US/US]; 2305 Houston Circle, Whitefish, MT 59937 (US).
 (74) **BRUHN, David, E.** et al. / etc.; Dorsey & Whitney LLP, Pillsbury Center South, 220 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 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 98/51895** (13) A1
 (21) PCT/AT98/00123
 (22) **12 May/mai 1998 (12.05.1998)**
 (25) de (26) de
 (31) A 809/97 (32) **13 May/mai 1997 (13.05.1997)** (33) AT
 (43) 19 Nov/nov 1998 (19.11.1998)

- (51)⁶ **E05F 1/04**
 (54) ● SLIDING DOOR
 ● PORTE COULISSANTE
 (71, 72) **WÖSS, Franz** [AT/AT]; A-4192 Schenkenfelden 300 (AT).
 (74) **BABELUK, Michael**; Babeluk Krause, Mariahilfer Gürtel 39/17, A-1150 Wien (AT).

- (81) AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ 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).

- (11) **WO 98/51896** (13) A1
 (21) PCT/NL98/00207
 (22) **10 Apr/avr 1998 (10.04.1998)**

- (25) nl (26) en
 (31) 1006050 (32) **14 May/mai 1997 (14.05.1997)** (33) NL
 (43) 19 Nov/nov 1998 (19.11.1998)

- (51)⁶ **E05F 15/12, E06B 3/90**
 (54) ● REVOLVING DOOR
 ● PORTE-TAMBOUR
 (71) **BOON EDAM B.V.** [NL/NL]; Ambachtstraat 4, NL-1135 GG Edam (NL).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **OTTO, Gertjan** [NL/NL]; Clara Visserstraat 105, NL-1447 HP Purmerend (NL).

- (74) **VAN BREDA, Jacques**; Octrooibureau Los en Stigter B.V., Weteringschans 96, NL-1017 XS Amsterdam (NL).

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

- (11) **WO 98/51897** (13) A2

- (21) PCT/US98/09344

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

- (25) en (26) en

- (31) 08/855,797 (32) **12 May/mai 1997 (12.05.1997)** (33) US

- (43) 19 Nov/nov 1998 (19.11.1998)

- (51)⁶ **E06B**

- (54) ● CORDLESS APPARATUS FOR OPERATING BLINDS AND SHADES
 ● DISPOSITIF SANS CORDON DE TIRAGE POUR STORES ET PERSIENNES

- (71, 72) **JACOBSON, Jeff, A.** [US/US]; 4508 Dorchester Road, Corona Del Mar, CA 92625 (US).

- (74) **BOVASSO, Louis, J.** et al. / etc.; Oppenheimer Wolff & Donnelly LLP, Suite 3800, 2029 Century Park East, Los Angeles, CA 90067 (US).

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

- (11) **WO 98/51898** (13) A1

- (21) PCT/US98/09771

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

- (25) en (26) en

- (31) 08/857,089 (32) **15 May/mai 1997 (15.05.1997)** (33) US

- (43) 19 Nov/nov 1998 (19.11.1998)

- (51)⁶ **E06B 3/48**

- (54) ● GARAGE DOOR PANEL CONSTRUCTION

- CONSTRUCTION DE PANNEAU DE PORTE DE GARAGE

- (71) **RAYNOR GARAGE DOORS** [US/US]; 1101 East River Road, P.O. Box 448, Dixon, IL 61021-0448 (US).
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- (72) **MORGAN, Brian, H.**; 1606 N. Jefferson Avenue, Dixon, IL 61021 (US).

- (74) **MEECE, Timothy, C.**; Banner & Witcoff, Ltd., Suite 3000, 10 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).

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- (11) **WO 98/51899** (13) A1

- (21) PCT/US97/08609

- (22) **12 May/mai 1997 (12.05.1997)**

- (25) en (26) en

- (43) 19 Nov/nov 1998 (19.11.1998)

- (51)⁶ **E06B 9/08, 9/62, 9/68**

- (54) ● ROLL-UP DOOR
 ● PORTE-RIDEAU

- (71) **KELLEY COMPANY, INC.** [US/US]; 10600 North Port Washington Road, Mequon, WI 53092 (US).

- (72) **WAGNER, Donald, H.**; W166 N10193 Calico Lane, Germantown, WI 53022 (US). **HORNBERGER, Tim**; 2565 Robinson Avenue, Green Bay, WI 54311 (US).

- (74) **SMITH, David, B.** et al. / etc.; Michael, Best & Friedrich, 100 East Wisconsin Avenue, Milwaukee, WI 53202-4108 (US).

- (81) AL AM AU AZ BA BB BG BR CA CN CU CZ EE GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK TJ TM TR TT UA UG UZ VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/51900** (13) A1

- (21) PCT/FI98/00387

- (22) **6 May/mai 1998 (06.05.1998)**

- (25) fi (26) en

- (31) 972010 (32) **13 May/mai 1997 (13.05.1997)** (33) FI

- (43) 19 Nov/nov 1998 (19.11.1998)

- (51)⁶ **E21B 17/18, 21/10**

- (54) ● ARRANGEMENT IN A DRILLING APPARATUS
 ● STRUCTURE INTERNE D'APPAREIL DE FORAGE

- (71, 72) **WISAKANTO, Risto** [FI/FI]; Ilmarinkatu 33 A 9, FIN-33500 Tampere (FI). **SALMI, Pekka** [FI/FI]; Nahkatehtaankatu 4 C 14, FIN-33270 Tampere (FI). **SJÖHOLM, Harri** [FI/FI]; Suoramantie 44, FIN-36220 Kangasala (FI).

(74) **KANGASMÄKI, Reijo**; Finnish Patent Consulting FPC, Hermiankatu 14, FIN-33720 Tampere (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 98/51901** (13) A1

(21) PCT/GB98/01229

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

(25) en (26) en

(31) 9709635.8 (32) **14 May/mai 1997 (14.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **E21B 37/00, 37/06, B08B 7/02**

(54) ● CONDUIT CLEANING MATERIAL AND PROCESS
● MATERIAU ET PROCEDE DE RECURAGE POUR TUBES

(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)

(71) **COMPAGNIE DES SERVICES DOWELL SCHLUMBERGER S.A.** [FR/FR]; 50, avenue Jean Jaurès, 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)

(71, 72) **JOHNSON, Ashley, Bernard** [GB/GB]; 225 The Rowans, Milton, Cambridge CB4 6ZA (GB).

(74) **MIRZA, Akram, Karim**; Schlumberger Cambridge Research Limited, High Cross, Madingley Road, Cambridge CB3 0EL (GB).

(81) 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 LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM 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 98/51902** (13) A1

(21) PCT/US98/09225

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 60/046,382 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **E21B 41/02, C07D 233/42, C23F 11/16**

(54) ● LOW TOXICITY CORROSION INHIBITOR
● INHIBITEUR DE CORROSION PRESENTANT UNE TOXICITE LIMITEE

(71) **BAKER HUGHES INCORPORATED** [US/US]; Suite 1200, 3900 Essex Lane, Houston, TX 77027 (US).

(72) **PRINCE, Philippe**; 915 N. Wellsford Drive, Pearland, TX 77584 (US).

(74) **ROWOLD, Carl, A.** et al. / etc.; Baker Hughes Incorporated, Suite 1200, 3900 Essex Lane, Houston, TX 77027 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51903** (13) A1

(21) PCT/BR98/00023

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

(25) en (26) en

(31) PI 9703159-3 (32) **14 May/mai 1997 (14.05.1997)** (33) BR

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **E21B 43/017**

(54) ● A CONNECTION DEVICE
● DISPOSITIF DE RACCORDEMENT

(71) **CBV INDÚSTRIA MECÂNICA S.A.** [BR/BR]; KM. 2,5, Rodovia Presidente Dutra, 2660, CEP-21530-900 Rio de Janeiro, RJ (BR).
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(72, 75) **FERREIRA DANTAS, Sergio, Augusto** [BR/BR]; Bl. 2, Apartamento 208, Avenida Monsenhor Felix, 125, Vaz Lobo, CEP-Rio de Janeiro, RJ (BR).

(74) **DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA**; Caixa Postal 2142, CEP-20001-970 Rio de Janeiro, RJ (BR).

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

(11) **WO 98/51904** (13) A1

(21) PCT/FI98/00396

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

(25) en (26) en

(31) 972071 (32) **14 May/mai 1997 (14.05.1997)** (33) FI

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **E21D 20/00**

(54) ● APPARATUS FOR BENDING AND CUTTING CABLE IN ROCK BOLTING EQUIPMENT
● APPAREIL DE COURBURE ET DE COUPE DE CABLE POUR EQUIPEMENTS DE POSE DE BOULONS D'ANCRAGE

(71) **TAMROCK OY** [FI/FI]; Kelloportinkatu 1 B, FIN-33100 Tampere (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TIENARI, Ossi** [FI/FI]; Kilvakkalantie 12, FIN-39530 Kilvakkala (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 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 98/51905** (13) A1

(21) PCT/FI97/00282

(22) **14 May/mai 1997 (14.05.1997)**

(25) fi (26) en

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F01B 3/02 // F04B 1/14, 27/08**

(54) ● AXIAL PISTON ENGINE
● MOTEUR A PISTONS AXIAUX

(71, 72) **ANTTILA, Ahto** [FI/FI]; Pilvitie 2 A, FIN-00700 Helsinki (FI).

(74) **OY JALO ANT-WUORINEN AB**; Iso Roobertinkatu 4-6 A, FIN-00120 Helsinki (FI).

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

(11) **WO 98/51906** (13) A1

(21) PCT/US98/09717

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

(25) en (26) en

(31) 60/046,409 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(31) 09/067,257 (32) **27 Apr/avr 1998 (27.04.1998)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F01D 11/12, C23C 4/18**

(54) ● LASER SEGMENTED THICK THERMAL BARRIER COATINGS FOR TURBINE SHROUDS
● REVETEMENTS EPAIS D'ISOLATION THERMIQUE SEGMENTES AU LASER POUR ANNEAUX DE CERCLAGE DE TURBINES

(71) **ALLIEDSIGNAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(72) **STRANGMAN, Thomas, E.**; 7632 N. 22nd Street, Phoenix, AZ 85020 (US).

(74) **CRISS, Roger, H.**; AlliedSignal Inc., Law Dept. (R. Fels), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

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

(11) **WO 98/51907** (13) A1

(21) PCT/US98/09624

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en
 (31) 08/854,993 (32) **13 May/mai 1997** (33) US
 (13.05.1997)
 (43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F01M 1/00**

(54) ● OIL PAN DRAIN PORT ADAPTER SYSTEM FOR ENGINE FLUSHING APPARATUS
 ● SYSTEME DE RACCORD POUR LUMIERE DE VIDANGE DE CARTER DESTINE A UN APPAREIL DE RINÇAGE DE MOTEUR

(71) **ENVIROLUTION, INC.** [US/US]; Suite 345, 600 West Broadway, Glendale, CA 91204 (US).

(72) **GRIGORIAN, Victor, A.**; 1031 Dolorita Avenue, Glendale, CA 91208 (US). **RENWICK, Martin**; 14005 Magnolia Boulevard, Sherman Oaks, CA 91423 (US). **SEFLOW, Seymour**; 11640 Woodbridge Street, Studio City, CA 91604 (US).

(74) **PARKHURST, David, G.** et al. / etc.; Fulwider Patton Lee & Utecht, LLP, 10th floor, 10877 Wilshire Boulevard, Los Angeles, CA 90024 (US).

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

(11) **WO 98/51908** (13) A1

(21) PCT/AU98/00349

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

(25) en (26) en

(31) PO 6988 (32) **14 May/mai 1997** (33) AU
 (14.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F02B 33/00, 33/40, 37/00, 75/02**

(54) ● SCAVENGING SYSTEM FOR TWO STROKE INTERNAL COMBUSTION ENGINE
 ● SYSTEME DE BALAYAGE POUR MOTEUR A COMBUSTION INTERNE A DEUX TEMPS

(71, 72) **MOSS, Simon, John** [AU/AU]; 16 Binda Road, Yowie Bay, NSW 2228 (AU).

(74) **ANDERSON-TAYLOR, Michael**; 10 Harrison Avenue, Bonnet Bay, NSW 2226 (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 98/51909** (13) A1

(21) PCT/AU98/00303

(22) **27 Apr/avr 1998** (27.04.1998)

(25) en (26) en

(31) PO 6805 (32) **15 May/mai 1997** (33) AU
 (15.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F02B 33/04, F02F 1/22**

(54) ● TWO-STROKE INTERNAL COMBUSTION ENGINE HAVING IMPROVED FUEL PORTING

● MOTEUR A COMBUSTION INTERNE A DEUX TEMPS AVEC AMELIORATION DU SYSTEME DE CIRCULATION DE CARBURANT

(71, 72) **DAVID, Jeffrey, Andrew** [AU/AU]; Yaltara, Lot 2, 560 Calder Highway, Macedon, VIC 3440 (AU).

(74) **CARTER SMITH & BEADLE**; 2 Railway Parade, P.O. Box 557, Camberwell, VIC 3124 (AU).

(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 98/51910** (13) A1

(21) PCT/US98/10048

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

(25) en (26) en

(31) 08/857,340 (32) **16 May/mai 1997** (33) US
 (16.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F02B 33/40**

(54) ● CONTROL SYSTEM FOR HYDRAULIC SUPERCHARGER SYSTEM

● SYSTEME DE COMMANDE POUR SYSTEME DE SURCOMPRESSEUR HYDRAULIQUE

(71, 72) **KAPICH, Davorin, D.** [US/US]; 3111 Serrano Drive, Carlsbad, CA 92009 (US).

(74) **ROSS, John, R.**; P.O. Box 2138, Del Mar, CA 92014 (US).

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

(11) **WO 98/51911** (13) A1

(21) PCT/FR98/00918

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

(25) fr (26) fr

(31) 97/05943 (32) **9 May/mai 1997** (33) FR
 (09.05.1997)

(31) 98/04601 (32) **7 Apr/avr 1998** (33) FR
 (07.04.1998)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F02B 75/04, F01L 1/348**

(54) ● DEVICE FOR VARYING A PISTON ENGINE EFFECTIVE VOLUMETRIC DISPLACEMENT AND/OR VOLUMETRIC RATIO OF DURING ITS OPERATION

● DISPOSITIF PERMETTANT DE FAIRE VARIER LA CYLINDREE ET/OU LE RAPPORT VOLUMETRIQUE EFFECTIFS D'UN MOTEUR A PISTONS PENDANT SON FONCTIONNEMENT

(71, 72) **RABHI, Vianney** [FR/FR]; 35, cours d'Herbouville, F-69004 Lyon (FR).

(74) **GARIN, Etienne**; Roosevelt Consultants, 109, rue Sully, Boîte postale 6138, F-69466 Lyon Cedex 06 (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 98/51912** (13) A1

(21) PCT/AU98/00322

(22) **6 May/mai 1998** (06.05.1998)

(25) en (26) en

(31) PO 6806 (32) **15 May/mai 1997** (33) AU
 (15.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F02C 3/00, 3/34, 6/02, 7/00, 7/045**

(54) ● CONTAINED GAS-TURBINE ENGINE

● MOTEUR A TURBINE A GAZ INTEGREE

(71) **CONDON, Carleen, Veronica** [AU/AU]; 46 Eastbourne Avenue, Culburra Beach, NSW 2540 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **CONDON, Peter, Damien** [AU/AU]; 46 Eastbourne Avenue, Culburra Beach, NSW 2540 (AU).

(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 : (b)

(11) **WO 98/51913** (13) A1

(21) PCT/US98/09603

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

(25) en (26) en

(31) 08/857,529 (32) **16 May/mai 1997** (33) US
 (16.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F02C 3/02, F02G 1/00**

(54) ● FORCED PURGE WAVE ROTOR

● ROTOR A ONDES A PURGE FORCEEE

(71) **ALLISON ENGINE COMPANY, INC.** [US/US]; P.O. Box 420, Indianapolis, IN 46206 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SNYDER, Philip, H.** [US/US]; 1650 South County Road 525 East, Plainfield, IN 46168 (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).

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- (11) **WO 98/51914** (13) A1
 (21) PCT/US98/08627
 (22) **29 Apr/avr 1998 (29.04.1998)**
 (25) en (26) en
 (31) 08/855,430 (32) **13 May/mai 1997 (13.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **F02C 3/36, 3/20**
 (54) ● PARTIAL OXIDATION POWERPLANT WITH SEQUENTIAL COMBUSTION
 ● CENTRALE ELECTRIQUE A OXYDATION PARTIELLE EN COMBUSTION SEQUENTIELLE
 (71) **WESTINGHOUSE ELECTRIC CORPORATION** [US/US]; Westinghouse Building, Gateway Center, Pittsburgh, PA 15222 (US).
 (72) **NEWBY, Richard, A.**; 149 Spring Grove Road, Pittsburgh, PA 15235 (US). **YANG, Wen-Ching**; 236 Mt. Vernon Avenue, Export, PA 15632 (US). **BANNISTER, Ronald, L.**; 695 Bear Creek Court, Winter Springs, FL 32708 (US).
 (74) **MAIRE, David, G.** et al. / etc.; Westinghouse Electric Corporation, Westinghouse Building, Gateway Center, Pittsburgh, PA 15222 (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).

- (11) **WO 98/51915** (13) A1
 (21) PCT/NL98/00274
 (22) **14 May/mai 1998 (14.05.1998)**
 (25) nl (26) en
 (31) 1006060 (32) **14 May/mai 1997 (14.05.1997)** (33) NL
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **F02C 6/06**
 (54) ● PNEUMATIC CONVEYING SYSTEM, IN PARTICULAR INTENDED FOR PNEUMATIC EMPTYING OF BULK TANKS FILLED WITH PARTICULATE MATERIAL
 ● SYSTEME DE MANUTENTION PNEUMATIQUE DESTINE EN PARTICULIER AU DECHARGEMENT PNEUMATIQUE DE GRANDS RESERVOIRS REMPLIS DE MATIERES PARTICULAIRES
 (71) **TURBLOW B.V.** [NL/NL]; Osdorperweg 898A, NL-1067 TD Amsterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **VERMEULEN, Jan, Dirk, Aart** [NL/NL]; Klein Lichtenberg 58, NL-3931 RK Woudenberg (NL). **KAMPHUES, Edwin, Frederikus** [NL/NL]; Botenpad 30, NL-2235 CL Valkenburg Z.H. (NL).
 (74) **DE BRUIJN, Leendert, C.**; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/51916** (13) A1
 (21) PCT/US98/10036
 (22) **15 May/mai 1998 (15.05.1998)**
 (25) en (26) en
 (31) 60/046,675 (32) **16 May/mai 1997 (16.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **F02C 7/143**
 (54) ● COOLING SYSTEMS SUITABLE FOR USE WITH GAS TURBINES
 ● SYSTEMES DE REFRROIDISSEMENT POUVANT ETRE UTILISES AVEC DES TURBINES A GAZ
 (71) **WORK SMART ENERGY ENTERPRISES, INC.** [US/US]; 2948 Macomb Street, N.W., Washington, DC 20008 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **KOPKO, William, L.** [US/US]; 8705 Cromwell Drive, Springfield, VA 22151 (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) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/51917** (13) A1
 (21) PCT/US98/08628
 (22) **29 Apr/avr 1998 (29.04.1998)**
 (25) en (26) en
 (31) 08/855,428 (32) **13 May/mai 1997 (13.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **F02C 7/18**
 (54) ● METHOD AND APPARATUS FOR COOLING A TURBINE WITH COMPRESSED COOLING AIR FROM AN AUXILIARY COMPRESSOR SYSTEM
 ● PROCEDE ET DISPOSITIF DE REFRROIDISSEMENT DE TURBINE RECEVANT DE L'AIR DE REFRROIDISSEMENT COMPRI ME PRODUIT PAR UN SYSTEME DE COMPRESSEUR AUXILIAIRE
 (71) **WESTINGHOUSE ELECTRIC CORPORATION** [US/US]; Westinghouse Building, Gateway Center, Pittsburgh, PA 15222 (US).
 (72) **BRIESCH, Michael, Scot**; 3346 Mission Lake Drive #370, Orlando, FL 32817 (US). **ALBA, Jorge, J.**; 655 Caygua Drive, Winter Springs, FL 32708 (US). **BOHINSKY, Brian**; 9473 Belmont Terrace, Oviedo, FL 32765 (US).
 (74) **MAIRE, David, G.** et al. / etc.; Westinghouse Electric Corporation, Westinghouse Building, Gateway Center, Pittsburgh, PA 15222 (US).
 (81) CA CN KR MX PL; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/51918** (13) A1
 (21) PCT/EP98/02661
 (22) **6 May/mai 1998 (06.05.1998)**
 (25) de (26) de
 (31) 197 19 991.7 (32) **13 May/mai 1997 (13.05.1997)** (33) DE
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **F02D 11/10, B60H 1/00, F24F 13/14**
 (54) ● LOAD ADJUSTING DEVICE
 ● SYSTEME DE REGULATION DE CHARGE
 (71) **MANNESMANN VDO AG** [DE/DE]; Kruppstrasse 105, D-60388 Frankfurt (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **BERNADING, Eugen** [DE/DE]; Anton-Brückner-Strasse 46, D-61250 Usingen (DE). **WICKER, Herbert** [DE/DE]; Fasanenweg 12, D-65779 Kelkheim (DE).
 (81) BR JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/51919** (13) A1
 (21) PCT/JP98/02004
 (22) **1 May/mai 1998 (01.05.1998)**
 (25) ja (26) ja
 (31) 9/120700 (32) **12 May/mai 1997 (12.05.1997)** (33) JP
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **F02D 41/04, 41/14, F01N 3/08, 3/24, 3/28**
 (54) ● EXHAUST EMISSION CONTROLLING APPARATUS OF INTERNAL COMBUSTION ENGINE
 ● APPAREIL DE REDUCTION DES EMISSIONS DE GAZ D'ECHAPPEMENT POUR MOTEUR A COMBUSTION INTERNE
 (71) **TOYOTA JIDOSHA KABUSHIKI KAISHA** [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **ASANUMA, Takamitsu** [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Aichi 471-8571 (JP). **KATO, Kenji** [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Aichi 471-8571 (JP). **GOTO, Masato** [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (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) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/51920** (13) A1
 (21) PCT/DE98/01245
 (22) **6 May/mai 1998 (06.05.1998)**
 (25) de (26) de
 (31) 197 19 760.4 (32) **10 May/mai 1997 (10.05.1997)** (33) DE
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **F02D 41/34**

(54) ● ACTUATING SYSTEM FOR A DIRECT INJECTION INTERNAL COMBUSTION ENGINE, ESPECIALLY IN A VEHICLE

● SYSTEME D'ACTIONNEMENT D'UN MOTEUR A COMBUSTION INTERNE ET A INJECTION DIRECTE, NOTAMMENT DANS UN VEHICULE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).

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

(72, 75) **ODER, Michael** [DE/DE]; Karlstrasse 15, D-70825 Korntal-Münchingen (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 98/51921** (13) A1

(21) PCT/FR98/00911

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(31) 97/05724 (32) **9 May/mai 1997 (09.05.1997)** (33) FR

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F02D 41/38, F02M 55/00, 63/02**

(54) ● DISCHARGING BY-PASS FOR HIGH PRESSURE DIRECT INJECTION PUMP

● BY-PASS DE DELESTAGE POUR POMPE A INJECTION DIRECTE A HAUTE PRESSION

(71) **MAGNETI MARELLI FRANCE** [FR/FR]; 19, rue Lavoisier, F-92002 Nanterre Cedex (FR).

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

(72, 75) **PONTOPPIDAN, Michaël** [FR/FR]; 7, rue d'Estienne d'Orves, F-92500 Rueil-Malmaison (FR).

(74) **BEROGIN, Francis**; Cabinet Plasseraud, 84, rue d'Amsterdam, F-75440 Paris Cedex 09 (FR).

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

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(11) **WO 98/51922** (13) A1

(21) PCT/SE98/00811

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

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(31) 9701780-0 (32) **12 May/mai 1997 (12.05.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F02D 41/40**

(54) ● METHOD FOR CLOSED-LOOP CONTROL OF INJECTION TIMING IN COMBUSTION ENGINES

● METHODE RELATIVE A LA COMMANDE EN BOUCLE FERMEE DE L'AVANCE A L'INJECTION DANS DES MOTEURS A COMBUSTION

(71) **MECEL AB** [SE/SE]; P.O. Box 73, S-662 22 Åmål (SE).

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

(72, 75) **RASK, Patrik** [SE/SE]; Kyrkogatan 9, S-662 31 Åmål (SE).

(74) **FURHEM, Hans**; Mecel AB, P.O. Box 73, S-662 22 Åmål (SE).

(81) DE US.

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(11) **WO 98/51923** (13) A1

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

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(31) 08/855,217 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F02M 21/02, 31/20**

(54) ● LIQUEFIED PETROLEUM GAS FUEL SYSTEM AND METHOD

● SYSTEME ET PROCEDE D'ALIMENTATION EN GAZ DE PETROLE LIQUEFIE

(71) **BENNETT TECHNOLOGIES, L.L.C.** [US/US]; 100 East Second Street, P.O. Box 68, Lake Lillian, MN 56253 (US).

(72) **BENNETT, David, E.**; 14687 County Road 8 S.E., Lake Lillian, MN 56253 (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 98/51924** (13) A1

(21) PCT/CA98/00454

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 60/046,049 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F02M 27/04**

(54) ● MOLECULAR REACTOR FOR FUEL INDUCTION

● REACTEUR MOLECULAIRE D'INDUCTION DE CARBURANT

(71, 72) **CAMPAGNA, Marc, Jean** [CA/CA]; 8 Le Roy Robinson Street, Rock Island, Quebec J0B 2K0 (CA). **COLT, Richard, Herbert** [CA/CA]; 1785 Chemin de Ayer's Cliff, Ayer's Cliff, Quebec J0B 1C0 (CA).

(74) **MITCHELL, Robert** et al. / etc.; Swabey Ogilvy Renault, Suite 1600, 1981 McGill College Avenue, Montreal, Quebec H3A 2Y3 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51925** (13) A1

(21) PCT/CA98/00459

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 2,204,983 (32) **9 May/mai 1997 (09.05.1997)** (33) CA

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F02M 47/04, 43/04, 43/00, 21/02**

(54) ● HYDRAULICALLY ACTUATED GASEOUS OR DUAL FUEL INJECTOR

● INJECTEUR DE CARBURANT GAZEUX OU BICARBURANT A COMMANDE HYDRAULIQUE

(71) **WESTPORT INNOVATIONS INC.** [CA/CA]; 130 - 6660 N.W. Marine Drive, Vancouver, British Columbia V6T 1X2 (CA).

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

(72, 75) **OUELLETTE, Patric** [CA/CA]; 37 Mortimer Avenue, Toronto, Ontario V4K 1Z9 (CA). **DOUVILLE, Brad** [CA/CA]; Suite 130, 6660 N.W. Marine Drive, Vancouver, British Columbia V6T 1X2 (CA). **TOUCHETTE, Alain** [CA/CA]; Suite 130, 6660 N.W. Marine Drive, Vancouver, British Columbia V6T 1X2 (CA). **HILL, Philip, G.** [CA/CA]; 2037 Allison Road, Vancouver, British Columbia V6T 1T2 (CA). **HODGINS, K., Bruce** [CA/CA]; 4724 Cannery Crescent, Delta, British Columbia V4K 3Y9 (CA).

(74) **OYEN, Gerald, O., S.**; Oyen Wiggs Green & Mutala, #480 - The Station, 601 West Cordova Street, Vancouver, British Columbia V6B 1G1 (CA).

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

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(11) **WO 98/51926** (13) A1

(21) PCT/DE98/01228

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(31) 197 19 214.9 (32) **9 May/mai 1997 (09.05.1997)** (33) DE

(31) 197 45 997.8 (32) **20 Oct/oct 1997 (20.10.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F02N 11/04, B60K 25/02**

(54) ● FITTING OF A STARTER-GENERATOR MACHINE TO AN INTERNAL COMBUSTION ENGINE

● PLACEMENT D'UNE MACHINE A FONCTION DE DEMARREUR-GENERATEUR SUR UN MOTEUR A COMBUSTION INTERNE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).

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

(72, 75) **KOELLE, Gerhard** [DE/DE]; Hofwiesenstrasse 22, D-75446 Wiernsheim (DE). **TURGAY, Barlas** [DE/DE]; Kleiststrasse 10, D-70794 Filderstadt (DE). **GLAUNING, Peter** [DE/DE]; In der Au 2, D-71711 Steinheim (DE).

(81) 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 98/51927** (13) A1

(21) PCT/FR98/00985

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(25) fr (26) fr

(31) 97/06212 (32) **15 May/mai 1997 (15.05.1997)** (33) FR

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F02N 17/06, B60H 1/00**

- (54) ● COOLING LIQUID PRE-HEATING UNIT FOR THERMAL ENGINE
● BLOC DE PRECHAUFFAGE DU LIQUIDE DE REFROIDISSEMENT POUR VEHICULE A MOTEUR THERMIQUE

(71) **EUROPALU** [FR/FR]; Lieudit Les Communaux, 28, route Départementale, F-01600 Reyrieux (FR).

(72) **ROBERT, Alain**; Plein Sud, F-01390 Civrieux (FR).

(74) **CABINET GERMAIN ET MAUREAU**; Boîte postale 6153, F-69466 Lyon Cedex 06 (FR).

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

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(11) **WO 98/51928** (13) A1

(21) PCT/EP98/02506

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

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(31) 197 19 861.9 (32) **12 May/mai 1997 (12.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F04B 43/04, F15C 5/00**

- (54) ● METHOD FOR PRODUCING A MICROMEMBRANE PUMP BODY
● PROCEDE DE PRODUCTION D'UN CORPS DE POMPE A MICROMEMBRANE

(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) **LINNEMANN, Reinhard** [DE/DE]; Kremser Strasse 17, D-81241 München (DE). **RICHTER, Martin** [DE/DE]; Einsteinstrasse 123, D-81675 München (DE). **KLUGE, Stefan** [DE/DE]; Röhstrasse 13, D-80992 München (DE). **WOIAS, Peter** [DE/DE]; Amselweg 10, D-81735 München (DE).

(74) **SCHOPPE, Fritz**; Schoppe & Zimmermann, Postfach 71 08 67, D-81458 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 98/51929** (13) A1

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(25) de (26) de

(31) 197 19 862.7 (32) **12 May/mai 1997 (12.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F04B 43/04, F15C 5/00**

(54) ● MICROMEMBRANE PUMP

● POMPE A MICROMEMBRANE

(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) **LINNEMANN, Reinhard** [DE/DE]; Kremser Strasse 17, D-81241 München (DE). **RICHTER, Martin** [DE/DE]; Einsteinstrasse 123, D-81675 München (DE). **KLUGE, Stefan** [DE/DE]; Röhstrasse 13, D-80992 München (DE). **WOIAS, Peter** [DE/DE]; Amselweg 10, D-81735 München (DE).

(74) **SCHOPPE, Fritz**; Schoppe & Zimmermann, Postfach 71 08 67, D-81458 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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(31) 9/120632 (32) **12 May/mai 1997 (12.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F04C 18/02**

(54) ● CAPACITY CONTROL SCROLL COMPRESSOR

● COMPRESSEUR A SPIRALE A COMMANDE DE CAPACITE

(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) **SHIMIZU, Akihiko** [JP/JP]; 1496-6-308, Kusatsu-cho, Kusatsu-shi, Shiga 525-0036 (JP). **MAKINO, Masahiko** [JP/JP]; 456-7, Ochikubo, Chyuzu-cho, Yasu-gun, Shiga 520-2435 (JP). **TAGUCHI, Tatsuhisa** [JP/JP]; 5-33-6, Kuraji, Katano-shi, Osaka 576-0051 (JP). **ITO, Daisuke** [JP/JP]; 14-18, Hatsu-cho, Neyagawa-shi, Osaka 572-0833 (JP).

(74) **TAKIMOTO, Tomoyuki** et al. / etc.; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

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

(11) **WO 98/51931** (13) A1

(21) PCT/JP98/02079

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

(25) ja (26) ja

(31) 9/120631 (32) **12 May/mai 1997 (12.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F04C 18/02**

(54) ● CAPACITY CONTROL SCROLL COMPRESSOR

● COMPRESSEUR A SPIRALE AVEC REGULATION DE LA CAPACITE

(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) **MAKINO, Masahiko** [JP/JP]; 456-7, Ochikubo, Chyuzu-cho, Yasu-gun, Shiga 520-2435 (JP). **SHIMIZU, Akihiko** [JP/JP]; 1496-308, Kusatsu-cho, Kusatsu-shi, Shiga 525-0036 (JP).

(74) **TAKIMOTO, Tomoyuki** et al. / etc.; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

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

(11) **WO 98/51932** (13) A1

(21) PCT/EP98/02694

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

(25) en (26) en

(31) BO97A000289 (32) **13 May/mai 1997 (13.05.1997)** (33) IT

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F15B 13/01, A01B 63/10**

(54) ● DISTRIBUTOR FOR A HYDRAULIC HOIST WHICH IS CONTROLLABLE WITH REGARD TO POSITION AND APPLIED FORCE, FOR TRACTORS AND AGRICULTURAL MACHINES

● DISTRIBUTEUR POUR UN SYSTEME DE LEVAGE HYDRAULIQUE DONT LA POSITION ET LA FORCE APPLIQUEE PEUVENT ETRE REGLEES, POUR DES TRACTEURS ET DES MACHINES AGRICOLES

(71) **MITA OLEODINAMICA S.P.A.** [IT/IT]; Via Carlo Cipolla, 12, I-37039 Tregnago (IT).

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

(72, 75) **CORNIA, Enrico, Maria** [IT/IT]; Strada Collegarola, 160/4, 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).

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(31) 9709669.7 (32) **14 May/mai 1997 (14.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F16B 25/00, B21H 3/02**

(54) ● THREADED FASTENER, METHOD OF MAKING A THREADED FASTENER AND ROLLING DIES FOR MAKING A THREADED FASTENER

● FIXATION FILETEE, PROCEDE DE FABRICATION CONNEXE ET ESTAMPES DE LAMINAGE UTILISEES DANS CE PROCEDE

(71) **EUROPEAN INDUSTRIAL SERVICES LIMITED** [GB/GB]; Heath Street, Smethwick, Warley, West Midlands B66 2SA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PASALAR, Ali, Akdar** [GB/GB]; 88 Elgar Crescent, Churchfields, Pensnett, Brierley Hill, West Midlands DY5 4JJ (GB). **JACKSON, Melvin, Douglas** [GB/GB]; 9 Highfield Crescent, Rowley Regis, Warley, West Midlands B65 0BZ (GB).

(74) **FORRESTER KETLEY & CO.**; Chamberlain House, Paradise Place, Birmingham B3 3HP (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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(25) en (26) en

(31) 08/856,601 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F16B 37/06, B60R 21/26, 21/20**

(54) ● SECURING FASTENERS

● ASSUJETTISSEMENT D'ELEMENTS DE FIXATION

(71) **BAS COMPONENTS LIMITED** [GB/GB]; Cramptons Road, Sevenoaks, Kent TN14 5DS (GB).

(72) **MANGAPORA, Bob**; 221 Montgomery Drive, Canfield, OH 44406 (US).

(74) **GALLAFENT & CO.**; 9 Staple Inn, London WC1V 7QH (GB).

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

(11) **WO 98/51935** (13) A1

(21) PCT/DE98/01268

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

(25) de (26) de

(31) 297 08 162.4 (32) **9 May/mai 1997 (09.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F16C 11/06**

(54) ● RADIAL BALL-AND-SOCKET JOINT FOR A MOTOR VEHICLE
● JOINT SPHERIQUE RADIAL POUR VEHICULE

(71) **LEMFÖRDER METALLWAREN AG** [DE/DE]; Postfach 1220, D-49441 Lemförde (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WESTPHAL, Paul** [DE/DE]; Am Schulort 35, D-32351 Stemwede (DE).

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

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(11) **WO 98/51936** (13) A1

(21) PCT/US98/09986

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

(25) en (26) en

(31) 08/857,575 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F16C 23/04**

(54) ● SELF-ALIGNING BEARING STRUCTURE

● STRUCTURE PORTANTE A AUTO-ALIGNEMENT

(71) **THOMSON INDUSTRIES, INC.** [US/US]; Two Channel Drive, Port Washington, NY 11050 (US).

(72) **LYON, Gregory, S.**; 907 Stuart Avenue, Mamaronck, NY 10543 (US).

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

(11) **WO 98/51937** (13) A1

(21) PCT/US98/09990

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

(25) en (26) en

(31) 08/857,621 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F16C 31/06**

(54) ● LINEAR MOTION BEARING SUB-ASSEMBLY WITH INSERTED RACES

● SOUS-ENSEMBLE SUPPORT A MOUVEMENT LINEAIRE, POURVU DE CHEMINS DE ROULEMENT INTEGRES

(71) **THOMSON INDUSTRIES, INC.** [US/US]; Two Channel Drive, Port Washington, NY 11050 (US).

(72) **LYON, Gregory, S.**; 907 Stuart Avenue, Mamaronck, NY 10543 (US).

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

(11) **WO 98/51938** (13) A1

(21) PCT/US98/10121

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

(25) en (26) en

(31) 08/857,419 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F16D 9/06**

(54) ● BREAKAWAY CONNECTION SYSTEM FOR ROADSIDE USE

● SYSTEME DE RACCORD CASSABLE POUR DISPOSITIF INSTALLE SUR LE BORD DES ROUTES

(71) **BOARD OF REGENTS OF UNIVERSITY OF NEBRASKA** [US/US]; 3835 Holdrege Street, Varner Hall, Lincoln, NE 68583 (US).

(72) **FALLER, Ronald, K.**; 732 West Cuming Street, Lincoln, NE 68521 (US). **REID, John, D.**; 6307 Yellowstone Circle, Lincoln, NE 68510 (US). **PAULSEN, Eugene, W.**; 1770 South Rock Road #808, Wichita, KS 67207 (US). **KRENK, Kenneth, L.**; 2411 Surrey Court, Lincoln, NE 68512 (US).

(74) **GROSS, Michael, J.** et al. / etc.; Shook, Hardy & Bacon L.L.P., One Kansas City Place, 1200 Main Street, Kansas City, MO 64105 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51939** (13) A1

(21) PCT/JP98/02083

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

(25) ja (26) ja

(31) 9/124214 (32) **14 May/mai 1997 (14.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F16D 13/64, 65/12, F16B 5/00, 11/00, B21D 39/03**

(54) ● THIN-WALLED RING-SHAPED MEMBER AND METHOD OF MANUFACTURING SAME

● ELEMENT ANNULAIRE A PAROI MINCE ET PROCEDE DE FABRICATION DE CET ELEMENT

(71) **SUNCALL CORPORATION** [JP/JP]; 14, Umezunishirachō, Ukyo-ku, Kyoto-shi, Kyoto 615-8555 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TERATOKO, Keichiro** [JP/JP]; 6-38-4-SS202, Umetsubocho, Toyota-shi, Aichi 471-0064 (JP). **KATAOKA, Kazuo** [JP/JP]; 5-1-140-102, Homigaoka, Toyota-shi, Aichi 470-0353 (JP).

(74) **EHARA, Syogo** et al. / etc.; Ehara Patent Office, Osaka Shoko Building, 15-26, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP).

(81) JP US.

(11) **WO 98/51940** (13) A2

(21) PCT/GB98/01334

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 9709436.1 (32) **9 May/mai 1997** (33) GB
(09.05.1997)

(31) 9715027.0 (32) **18 Jul/juillet 1997** (33) GB
(18.07.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F16F**

- (54) ● TWIN MASS FLYWHEELS
● VOLANT A DEUX MASSES

(71) **AUTOMOTIVE PRODUCTS PLC** [GB/GB]; Tachbrook Road, Leamington Spa, Warwickshire CV31 3ER (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YOUNG, Alastair, John** [GB/GB]; 39 Roundshill, Kenilworth, Warwickshire CV8 1DW (GB).
MURPHY, Robert, John [GB/GB]; 80 Mallory Road, Bishops Tachbrook, Leamington Spa, Warwickshire CV33 9QY (GB).

(74) **MORRALL, Roger**; Automotive Products plc, Tachbrook Road, Leamington Spa, Warwickshire CV31 3ER (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 98/51941** (13) A2

(21) PCT/US98/10129

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

(25) en (26) en

(31) 08/857,125 (32) **15 May/mai 1997** (33) US
(15.05.1997)

(31) 08/891,528 (32) **11 Jul/juillet 1997** (33) US
(11.07.1997)

(31) 08/970,820 (32) **14 Nov/nov 1997** (33) US
(14.11.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F16F**

- (54) ● PIEZOELECTRIC SHOCK ABSORBERS
● AMORTISSEURS PIEZO-ELECTRIQUES

(71) **K2 BIKE INC.** [US/US]; 115 Front Street, Woonsocket, RI 02895 (US).

(72) **JONES, Edward, C., Jr.**; 13096 Lompoc Road, Apple Valley, CA 92308 (US). **GIRVIN, Robert, H.**; 22 Courtland Street, Holliston, MA 01746 (US). **VANDERGRIFT, James, A.**; 11411 Arroyo Beach Place Southwest, Seattle, WA 98146 (US).

(74) **KELBON, Marcia, S.**; Christensen O'Connor Johnson & Kindness PLLC, Suite 2800, 1420 Fifth Avenue, Seattle, WA 98101 (US).

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

(11) **WO 98/51942** (13) A1

(21) PCT/CH98/00193

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

(25) de (26) de

(31) 1080/97 (32) **9 May/mai 1997** (33) CH
(09.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F16F 15/31, H02K 7/02, F03G 3/06, H01L 41/09**

- (54) ● METHOD AND DEVICE FOR STORING ENERGY IN A CENTRIFUGAL MASS
● PROCEDE ET DISPOSITIF POUR ACCUMULER DE L'ENERGIE DANS UNE MASSE CENTRIFUGE

(71, 72) **ZWAHLEN, Werner** [CH/CH]; Stansstadstrasse 90, CH-6370 Stans (CH).

(81) JP 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 98/51943** (13) A1

(21) PCT/EP98/02724

(22) **9 May/mai 1998 (09.05.1998)**

(25) de (26) de

(31) 197 20 255.1 (32) **15 May/mai 1997** (33) DE
(15.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F16H 1/36**

- (54) ● PLANETARY GEAR
● BOITE PLANETAIRE

(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). **SCHULZ, Horst** [DE/DE]; Königsberger Strasse 3, D-88045 Friedrichshafen (DE).

(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 98/51944** (13) A1

(21) PCT/US98/09698

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 08/857,869 (32) **16 May/mai 1997** (33) US
(16.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F16H 19/06, E05F 15/10, B65H 75/34**

- (54) ● PUSH-PULL CHAIN DRIVE DOOR OPERATOR SYSTEM
● SYSTEME D'ACTIONNEMENT POUR PORTE A ENTRAINEMENT PAR CABLE DE POUSSÉE ET DE TRACTION

(71) **OVERHEAD DOOR CORPORATION** [US/US]; Suite 1200, 6750 LBJ Freeway, Dallas, TX 75240 (US).

(72) **WHITE, James, A.**; 1418 Edith Avenue, Louisville, OH 44641 (US). **DRAGOMIR, Nicholas**; 12844 Ediston Street, N.E., Alliance, OH 44601 (US). **STOTTSBERRY, James**; 3767 Greenford Street, S.W., Massillon, OH 44646 (US).

(74) **MARTIN, Michael, E.**; Akin, Gump, Strauss, Hauer & Feld, L.P., Suite 4100, 1700 Pacific Avenue, 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51945** (13) A1

(21) PCT/SE98/00833

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

(25) sv (26) en

(31) 9701733-9 (32) **9 May/mai 1997** (33) SE
(09.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F16J 10/00**

- (54) ● HYDRAULIC CYLINDER MECHANISM
● MECANISME A VERIN HYDRAULIQUE

(71) **STRUCTO AB** [SE/SE]; P.O. Box 1003, S-688 29 Storfors (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LARSSON, Göran** [SE/SE]; Smedbygatan 3 B, S-688 29 Storfors (SE).

(74) **JOHANSSON, Lars**; Lars Johansson Patentbyrå AB, P.O. Box 68, S-801 02 Gävle (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).

(11) **WO 98/51946** (13) A1

(21) PCT/DK98/00182

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

(25) en (26) en

(31) 0541/97 (32) **12 May/mai 1997** (33) DK
(12.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F16K 1/32, 25/00**

- (54) ● SOLENOID VALVE
● VANNE ELECTROMAGNETIQUE

(71) **DANFOSS A/S** [DK/DK]; DK-6430 Nordborg (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAMMERICH, Christian** [DK/DK]; Trelleager 42, DK-6580 Vamdrup (DK).

(74) **DANFOSS A/S**; Patent Dept., DK-6430 Nordborg (DK).

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

(11) **WO 98/51947** (13) A1

(21) PCT/US98/09369

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

(25) en (26) en

(31) 08/857,405 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F16K 15/00**

- (54) ● BONDED ELASTOMER SEAL VALVE ASSEMBLY
- ENSEMBLE SOUPAPE AVEC JOINT EN ELASTOMERE AGGLOMERE

(71) **COOPER INDUSTRIES, INC.** [US/US]; Texas Commerce Tower, Suite 5800, 600 Travis, Houston, TX 77210 (US).

(72) **FARNHAM, Gilbert, Roland**; 1623 Park Avenue, Sycamore, IL 60178 (US).

(74) **ROWLAND, William, C.** et al. / etc.; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51948** (13) A1

(21) PCT/US98/10115

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

(25) en (26) en

(31) 08/856,334 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F16K 15/00**

- (54) ● SPRING BODY EXCESS FLOW VALVE AND METHOD OF USING SAME
- SOUPAPE D'EXCEDENT DE DEBIT A CORPS A RESSORT ET SON PROCEDE D'UTILISATION

(71) **MAGNE-FLO CORPORATION** [US/US]; Suite 2, 26007 Huntington Lane, Valencia, CA 91355 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71) **VELIE, Neil** (executor for the deceased inventor / exécuteur testamentaire pour l'inventeur décédé) [US/US]; 1421 Pleasant Oaks Place, Thousand Oaks, CA 91362 (US).
(only for / seulement pour US)

(72) **VELIE, Wallace, W.** (deceased / décédé).

(74) **ROSE, Alan, C.**; Oppenheimer Wolff & Donnelly LLP, Suite 3800, 2029 Century Park East, Los Angeles, CA 90067 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51949** (13) A1

(21) PCT/US98/10047

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

(25) en (26) en

(31) 08/856,901 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F16K 15/06, E21B 34/08**

- (54) ● DOWNHOLE HYDROCARBON PUMP
- POMPE A HYDROCARBURES POUR FOND DE PUITS

(71) **FLOTEK INDUSTRIES INC.** [US/US]; 7030 Empire Central Drive, Houston, TX 77040 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JAYROE, William, G.** [US/US]; 14611 Sunny Grove, Houston, TX 77070 (US).

(74) **ATKINSON, Alan, J.**; P.O. Box 270161, Houston, TX 77277-0161 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51950** (13) A1

(21) PCT/US98/09824

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

(25) en (26) en

(31) 08/856,388 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F16K 17/36**

- (54) ● SAFETY SHUT OFF VALVE AND METHOD OF AUTOMATIC FLOW RESTORATION
- ROBINET D'ARRET DE SECURITE ET PROCEDE DE RETABLISSEMENT AUTOMATIQUE D'UN DEBIT

(71) **MAGNE-FLO CORPORATION** [US/US]; Suite 2, 26007 Huntington Lane, Valencia, CA 91355 (US).

(72) **VELIE, Wallace, W.** (deceased / décédé).

(74) **SMITH, Guy, Porter** et al. / etc.; Oppenheimer Wolff & Donnelly LLP, Suite 3800, 2029 Century Park East, Los Angeles, CA 90067 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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/US98/03389

(22) **11 Feb/fév 1998 (11.02.1998)**

(25) en (26) en

(31) 08/856,526 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F16K 47/08, 47/04**

- (54) ● MULTI-VANE FLOW RATE STABILIZER FOR THROTTLING VALVES
- STABILISATEUR DE DEBIT A AUBES MULTIPLES POUR ROBINETS D'ETRANGLEMENT

(71) **FISHER CONTROLS INTERNATIONAL, INC.** [US/US]; 8000 Maryland Avenue, Clayton, MO 63105 (US).

(72) **DVORAK, Allen, D.**; 1811 Wiese Garden Road, Marshalltown, IA 50158 (US). **SCHAFBUCH, Paul, J.**; 1917 South 5th Avenue, Marshalltown, IA 50158 (US). **MIMICK, Gerald, L.**; 1833 Reed Avenue, Marshalltown, IA 50158 (US).

(74) **HEPPERMAN, Roger, A.**; 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 98/51952** (13) A1

(21) PCT/DE98/01202

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) de (26) de

(31) 197 19 725.6 (32) **9 May/mai 1997 (09.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F16K 49/00**

- (54) ● METHOD AND DEVICE FOR HEATING A VALVE SYSTEM
- PROCEDE ET DISPOSITIF DE CHAUFFE D'UN SYSTEME DE VANNE

(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) **LOGAR, Andreas** [DE/DE]; Friedhofsweg 3, D-45527 Hattingen (DE). **NEUMANN, Rainer** [DE/DE]; Hundsbuchstrasse 35, D-45478 Mülheim an der Ruhr (DE). **GOBRECHT, Edwin** [DE/DE]; Rossbruchring 50, D-40885 Ratingen (DE).

(81) CN CZ JP KR 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 98/51953** (13) A1

(21) PCT/US98/09609

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

(25) en (26) en

(31) 08/855,670 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F16L 3/08, A44B 1/04**

(54) ● QUICK-RELEASE CLAMP

● COLLIER DE SERRAGE A ATTACHE RAPIDE

(71) **ALLISON ENGINE COMPANY, INC.** [US/US]; P.O. Box 420, Indianapolis, IN 46206 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HANNAH, Mark, A.** [US/US]; 7765 Eyeford Lane, Indianapolis, IN 46236 (US). **PEREZ, Lucas, R.** [US/US]; 7848 Cimarron Trail #607, Indianapolis, IN 46214 (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).

Published / Publiée : (a)

(11) **WO 98/51954** (13) A1

(21) PCT/US98/09568

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

(25) en (26) en

(31) 08/854,767 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F16L 9/14, 55/128**

(54) ● GALVANIC CORROSION PROTECTION SYSTEM
● SYSTEME DE PROTECTION CONTRE LA CORROSION GALVANIQUE

(71) **JOHN GANDY CORPORATION** [US/US]; One Texas Commerce Plaza, Suite 310, 200 River Pointe Drive, Conroe, TX 77304-2817 (US).

(72) **GANDY, John**; 304 Peach Tree Park, Conroe, TX 77302 (US).

(74) **GUNTER, Charles, D., Jr.** et al. / etc.; Suite 1600, 201 Main Street, Fort Worth, TX 76102-3105 (US).

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

Published / Publiée : (c)

(11) **WO 98/51955** (13) A1

(21) PCT/SE98/00836

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

(25) sv (26) en

(31) 9701732-1 (32) **9 May/mai 1997 (09.05.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F16L 19/065**

(54) ● DEVICE FOR CONNECTING OF PIPES WITH A CLAMP RING CONNECTION

● DISPOSITIF PERMETTANT DE RACCORDER DES TUYAUX A L'AIDE D'UN RACCORD BAGUE DE SERRAGE

(71) **GUSTAVSBERG VÄRGÅRDA ARMATUR AB** [SE/SE]; Industrigatan 1, S-447 81 Vårgårda (SE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BÖRJESSON, Kurt** [SE/SE]; Kyrkogatan 4A, S-447 33 Vårgårda (SE). **ENGELBREKTSSON, Eric** [SE/SE]; Nästegårdsgatan 3B, S-524 30 Herrijunga (SE).

(74) **GÖTEBORGS PATENTBYRÅ**; Sjöporten 4, S-417 64 Göteborg (SE).

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

(11) **WO 98/51956** (13) A1

(21) PCT/IT98/00116

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) PR97U000011 (32) **13 May/mai 1997 (13.05.1997)** (33) IT

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F16L 33/00, 37/50, B05B 9/00**

(54) ● COUPLING DEVICE FOR A HIGH-PRESSURE HOSE

● DISPOSITIF D'ACCOUPEMENT D'UN TUYAU HAUTE PRESSION

(71) **FLEXTUBO-HYDRO S.R.L.** [IT/IT]; Via Galvani, 31, I-41015 Nonantola (IT). **MAC TUBI S.P.A.** [IT/IT]; Strada per Sacca, 68, Frazione Sacca, I-43052 Colorno (IT). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FERRARINI, Eugenio** [IT/IT]; Strada Bellaria, 97, I-41100 Modena (IT).

(74) **DALLAGLIO, Fabrizio**; Bugnion S.p.A., Via Garibaldi, 22, I-43100 Parma (IT).

(81) BR 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 98/51957** (13) A1

(21) PCT/ES98/00069

(22) **20 Mar/mar 1998 (20.03.1998)**

(25) es (26) es

(31) P 9701098 (32) **14 May/mai 1997 (14.05.1997)** (33) ES

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F16L 37/252, 37/28, F16K 31/54, 35/00**

(54) ● TAP FOR HIGH PRESSURE FLUIDS, ANCHORING MECHANISMS AND SECURITY DEVICES

● ROBINET POUR FLUIDES A HAUTE PRESSION, MECANISMES D'ANCRAGE ET BLOCAGE DE SECURITE

(71, 72) **BENDITO VALLORI, Sebastián Enrique** [ES/ES]; Calle Pinsá, 102, E-07470 Puerto de Pollensa (ES). **BENDITO, Saura Mariano** [ES/ES]; Calle Pinsá, 102, E-07470 Puerto de Pollensa (ES).

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

(11) **WO 98/51958** (13) A1

(21) PCT/AU98/00339

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

(25) en (26) en

(31) PO 6717 (32) **9 May/mai 1997 (09.05.1997)** (33) AU

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F16L 55/11, 55/128, 55/132**

(54) ● SEALING DEVICE

● OBTURATEUR

(71, 72) **STEBLINA, David** [AU/AU]; 23 Bounty Avenue, Castle Hill, NSW 2154 (AU).

(74) **HODGKINSON, Hugh, Rudyard**; H.R. Hodgkinson & Co., Level 3, 20 Alfred Street, Milsons Point, NSW 2061 (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 98/51959** (13) A1

(21) PCT/GB98/01389

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

(25) en (26) en

(31) 9709864.4 (32) **15 May/mai 1997 (15.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **F16L 55/46, 55/38, B08B 9/04, E21B 23/08**

(54) ● METHOD FOR PROPELLING A PIG ALONG A PIPELINE

● PROCEDE PERMETTANT DE PROPULSER UN RACLEUR LE LONG D'UN PIPELINE

(71, 72) **BRUCE, George, Charles** [GB/NO]; Arandalsveien 41502, N-4890 Grimstad (NO).

(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 98/51960** (13) A1
 (21) PCT/GB98/01267
 (22) **14 May/mai 1998 (14.05.1998)**
 (25) en (26) en
 (31) 9709747.1 (32) **15 May/mai 1997 (15.05.1997)** (33) GB
 (31) 9712465.5 (32) **17 Jun/juin 1997 (17.06.1997)** (33) GB
 (31) 9721724.4 (32) **15 Oct/oct 1997 (15.10.1997)** (33) GB
 (31) 9804760.8 (32) **7 Mar/mar 1998 (07.03.1998)** (33) GB
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **F16L 58/10, 55/165**
 (54) ● IMPROVEMENTS RELATING TO CURING OF SYNTHETIC RESIN SYSTEMS, FOR EXAMPLE, IN THE LINING OF PIPELINES AND PASSAGEWAYS
 ● AMELIORATIONS RELATIVES A LA POLYMERISATION DES SYSTEMES DE RESINE SYNTHETIQUE, PAR EXEMPLE POUR LES REVETEMENTS INTERIEURS DES TUYAUX ET DES CONDUITES
 (71) **SOUND PIPE LTD.** [–/–]; Hibiscus Square, Pond Street, P.O. Box 156, Grand Turk (TC).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **CHANDLER, Brian** [GB/AT]; St. Gallen 60, A-8933 Steinermark (AT). **DAVIES, Chris** [GB/GB]; Sonic Technologies Ltd., 20 Penyware Road, Llanelli, Carmarthenshire SA15 1NJ (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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/51961** (13) A1
 (21) PCT/EP98/02725
 (22) **9 May/mai 1998 (09.05.1998)**
 (25) de (26) de
 (31) 197 19 509.1 (32) **9 May/mai 1997 (09.05.1997)** (33) DE
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **F16L 59/02, B28B 19/00, E04B 1/94**
 (54) ● PRESSED COMPOSITE HEAT-INSULATING BOARD OR PANEL
 ● PANNEAU OU PLAQUE COMPOSITE CALORIFUGE S'OBTENANT PAR PRESSAGE
 (71) **POREXTERM-DÄMMSTOFFE GMBH** [DE/DE]; Ludwig-Prandtl-Strasse 1, D-87448 Waltenhofen (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **MANG, Josef** [DE/DE]; Hermann-Löns-Weg 5, D-87740 Buxheim (DE). **MANG, Roland** [DE/DE]; Dresdner Strasse 19, D-87700 Memmingen (DE). **GABRIEL, Reinhard** [DE/DE]; Illertalstrasse 42, D-87448 Waltenhofen (DE). **REISACHER, Hannes** [DE/DE]; Weidenstrasse 7, D-87471 Durach (DE). **VOLZ, Otto** [DE/DE]; Mösle 35, D-89312 Günzburg (DE).

- (74) **FIENER, Josef**; Maximilianstrasse 57, Postfach 12 49, D-87712 Mindelheim (DE).
 (81) AU BG BR CA CN CZ EE HU IL IS JP KR LT LV MD MK MN MX NO NZ PL RO RU SG SI 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).

- (11) **WO 98/51962** (13) A1
 (21) PCT/FR98/00940
 (22) **11 May/mai 1998 (11.05.1998)**
 (25) fr (26) fr
 (31) 97/05729 (32) **9 May/mai 1997 (09.05.1997)** (33) FR
 (31) 97/14517 (32) **19 Nov/nov 1997 (19.11.1997)** (33) FR
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **F17C 1/00**
 (54) ● HIGH PRESSURE GAS FUEL TANK, AND METHOD FOR MANUFACTURING SAME
 ● RESERVOIR POUR CARBURANT GAZEUX A PRESSION ELEVEE, ET PROCEDE DE FABRICATION DE RESERVOIR
 (71) **LYNX AUTOMOBILES INTERNATIONAL S.A.** [FR/FR]; 2, avenue des Tilleuls, F-86150 L'Isle-Jourdain (FR).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **TOMA, Angelo** [FR/FR]; 2, avenue des Tilleuls, F-86150 L'Isle-Jourdain (FR). **AUCHE, Bernard** [FR/FR]; 21, avenue des Tilleuls, F-86150 L'Isle-Jourdain (FR).
 (74) **VERDIER, Louis**; Cabinet Courtassole et Associés, 9, rue de Condé, F-33000 Bordeaux (FR).
 (81) AU BG BR CA CN CZ HU ID IL IS JP KR MX NO NZ PL RO SG TR UA US VN YU; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/51963** (13) A2
 (21) PCT/US98/09631
 (22) **12 May/mai 1998 (12.05.1998)**
 (25) en (26) en
 (31) 08/855,773 (32) **12 May/mai 1997 (12.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **F21M**
 (54) ● LIGHTING SYSTEM
 ● SYSTEME D'ECLAIRAGE
 (71, 72) **HAYS, G., Alan** [US/US]; 800 Boston Neck Road, P.O. Box 1274, North Kingstown, RI 02852 (US).
 (74) **SKENYON, John, M.**; Fish & Richardson, P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).
 (81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/51964** (13) A1
 (21) PCT/DE98/01167
 (22) **27 Apr/avr 1998 (27.04.1998)**

- (25) de (26) de
 (31) 197 19 724.8 (32) **9 May/mai 1997 (09.05.1997)** (33) DE
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **F22B 29/06**
 (54) ● CONTINUOUS STEAM GENERATOR
 ● GENERATEUR DE VAPEUR CONTINU
 (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) **WITTCROW, Eberhard** [DE/DE]; Schronfeld 96, D-91054 Erlangen (DE).
 (81) CA CN JP KR RU UA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/51965** (13) A1
 (21) PCT/SE98/00446
 (22) **12 Mar/mar 1998 (12.03.1998)**
 (25) sv (26) en
 (31) 9701775-0 (32) **14 May/mai 1997 (14.05.1997)** (33) SE
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **F23B 1/34 // 1/16**
 (54) ● HEATING EQUIPMENT
 ● EQUIPEMENT DE CHAUFFAGE
 (71) **SL VÄRMEEKONOMI** [SE/SE]; Norrlandsgatan 13, S-693 35 Degerfors (SE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **LINDBERG, Sven** [SE/SE]; Norrlandsgatan 13, S-693 35 Degerfors (SE).
 (74) **LAUTMANN, Kurt**; Kurt Lautmanns Patentbyrå AB, P.O. Box 245, S-691 25 Karlskoga (SE).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; 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 98/51966** (13) A1
 (21) PCT/US98/09525
 (22) **13 May/mai 1998 (13.05.1998)**
 (25) en (26) en
 (31) 60/046,358 (32) **13 May/mai 1997 (13.05.1997)** (33) US
 (31) 60/077,926 (32) **13 Mar/mar 1998 (13.03.1998)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **F23D 14/02**
 (54) ● LOW-EMISSIONS INDUSTRIAL BURNER
 ● BRULEUR INDUSTRIEL A EMISSIONS REDUITES
 (71) **MAXON CORPORATION** [US/US]; 201 East 18th Street, Muncie, IN 47307 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **TAYLOR, Curtis, L.** [US/US]; 5201 West Tamarack Drive, Muncie, IN 47304 (US). **CUMMINGS, William, G., III** [US/US]; 201 South Rambler, Muncie, IN 47304 (US).
- (74) **REZEK, Richard, A.**; Barnes & Thornburg, 11 South Meridian Street, Indianapolis, IN 46204 (US).
- (81) CA 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 98/51967** (13) A1
- (21) PCT/CA98/00460
- (22) **11 May/mai 1998 (11.05.1998)**
- (25) en (26) en
- (31) 08/853,694 (32) **9 May/mai 1997 (09.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **F23G 5/30, 5/12, 5/04, 5/46**
- (54) ● FLUIDIZED BED PROCESS AND APPARATUS FOR THERMALLY TREATING SOLID WASTE
● PROCEDE ET APPAREIL A LIT FLUIDISE DE TRAITEMENT THERMIQUE DE DECHETS SOLIDES
- (71) **CORPORATION DE L'ECOLE POLYTECHNIQUE** [CA/CA]; 2500 Chemin de l'Ecole Polytechnique, Montreal, Quebec H3T 1J7 (CA).
- (72) **GUY, Christophe**; 4401 Henri-Julien, Montreal, Quebec H2W 2K9 (CA). **CHAOUKI, Jamal**; 106 Brunet, Pointe-Claire, Quebec H9S 4T8 (CA). **LAVALLEE, René-Jean**; Apartment #16, 2975 Edouard-Montpetit Boulevard, Montreal, Quebec H3T 1J8 (CA). **BUSSAC, Luc**; Lot Clos Seirein, Impasse des Amandiers, F-13630 Eiragues (FR). **MAUILLON, Luc**; 13, parc de la Métairie, F-93200 Saint-Denis (FR). **LEGROS, Robert**; 371 Grilli, Pincourt, Quebec J7V 6Y7 (CA). **MUKADI, Lukanda**; 4644 Dupuis, Montreal, Quebec H3W 1N3 (CA).
- (74) **DUBUC, Jean, H.** et al. / etc.; Goudreau Gage Dubuc & Martineau Walker, The Stock Exchange Tower, Suite 3400, 800 Place Victoria, P.O. Box 242, Montreal, Quebec H4Z 1E9 (CA).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/51968** (13) A1
- (21) PCT/JP98/02057
- (22) **11 May/mai 1998 (11.05.1998)**
- (25) ja (26) ja
- (31) 9/120725 (32) **12 May/mai 1997 (12.05.1997)** (33) JP
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **F23G 5/50, 7/00**
- (54) ● METHOD AND APPARATUS FOR CONTROLLING REFUSE FEEDING QUANTITY OF INDUSTRIAL WASTE INCINERATOR
● PROCEDE ET APPAREIL POUR COMMANDER LE VOLUME D'ALIMENTATION EN REBUTS D'INCINERATEURS DE DECHETS INDUSTRIELS

- (71) **NKK CORPORATION** [JP/JP]; 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
- (72) **TANABE, Minoru**; NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **AKIYAMA, Hajime**; NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **KIMURA, Masanobu**; NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

- (74) **TAKINO, Hideo** et al. / etc.; Hiroo SK Building, 4th floor, 36-13, Ebisu 2-chome, Shibuya-ku, Tokyo 150-0013 (JP).

- (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 98/51969** (13) A1
- (21) PCT/US98/09608
- (22) **13 May/mai 1998 (13.05.1998)**
- (25) en (26) en
- (31) 08/855,180 (32) **13 May/mai 1997 (13.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **F24B 3/00**
- (54) ● A PORTABLE COOKING DEVICE
● DISPOSITIF DE CUISSON PORTATIF
- (71, 72) **ORR, Max, Stroble** [US/US]; 4917 Woodfield Drive, Carmel, IN 46033 (US).
- (74) **BANTA, Holiday, W.** 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 GR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51970** (13) A2
- (21) PCT/AU98/00348
- (22) **12 May/mai 1998 (12.05.1998)**
- (25) en (26) en
- (31) PO 6750 (32) **12 May/mai 1997 (12.05.1997)** (33) AU
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **F24D**
- (54) ● LOCALISED WATER HEATING AND DISPENSING SYSTEM
● SYSTEME DE CHAUFFAGE ET DE DISTRIBUTION D'EAU LOCALISE
- (71, 72) **OLIVER-BORG, Antonio** [MT/AU]; 9 View Road, Glen Waverley, VIC 3150 (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 98/51971** (13) A1

- (21) PCT/JP97/01610
- (22) **14 May/mai 1997 (14.05.1997)**
- (25) ja (26) ja
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **F24F 5/00, 13/02, 1/00, 7/08**
- (54) ● AIR CONDITIONING SYSTEM
● SYSTEME DE CONDITIONNEMENT D'AIR
- (71) **YUKI JAPAN CO., LTD.** [JP/JP]; 346-88, Oaza-Inariyama, Koshoku-shi, Nagano-ken 387 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KOBAYASHI, Kiyoo** [JP/JP]; 346-73, Oaza-Inariyama, Koshoku-shi, Nagano-ken 387 (JP).
- (74) **SHIMAZOE, Yoshihiko**; Room 41, Kyodo Building, 2-17, Sotokanda 2-chome, Chiyoda-ku, Tokyo 101 (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 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 98/51972** (13) A1

- (21) PCT/GR98/00014
- (22) **8 May/mai 1998 (08.05.1998)**
- (25) en (26) en
- (31) 970100186 (32) **15 May/mai 1997 (15.05.1997)** (33) GR
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **F24F 6/04, 5/00**
- (54) ● EVAPORATIVE AIR-COOLING SYSTEM
● SYSTEME DE REFOUILLISSEMENT D'AIR PAR EVAPORATION
- (71, 72) **POLYCHRONOPOULOS, Assimios** [GR/GR]; 39 Sevastias Street, GR-157 71 Athens (GR).
- (81) AL AM AT AU AZ BA BG BR CH CN DE ES GB GE HU IL JP KR KZ MK MX PL PT RU SD SI TJ TM TR UA US UZ 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 98/51973** (13) A1
 (21) PCT/CH98/00141
 (22) **15 Apr/avr 1998 (15.04.1998)**
 (25) de (26) de
 (31) 1091/97 (32) **9 May/mai 1997 (09.05.1997)** (33) CH
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **F24J 2/40**
 (54) ● METHOD FOR TRANSPARENT HEAT INSULATION IN A BUILDING
 ● DISPOSITIF POUR ISOLATION THERMIQUE TRANSPARENTE SUR UN IMMEUBLE
 (71, 72) **SCHWARZ, Dietrich** [CH/CH]; Via Calundis 8, CH-7013 Domat/Ems (CH).
 (74) **MÜNCH, Otto**; Isler & Pedrazzini AG, Postfach 6940, CH-8023 Zürich (CH).
 (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 ÚG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/51974** (13) A1
 (21) PCT/HU98/00045
 (22) **8 May/mai 1998 (08.05.1998)**
 (25) en (26) en
 (31) P 97 00862 (32) **9 May/mai 1997 (09.05.1997)** (33) HU
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **F24J 3/00**
 (54) ● PROCESS AND EQUIPMENT FOR UTILIZING THE VACUUM ENERGY IN LIQUIDS
 ● PROCEDE ET INSTALLATION PERMETTANT D'UTILISER L'ENERGIE DU VIDE DANS DES LIQUIDES
 (71, 72) **OSZAU, Alekszander Ivanovics** [UA/UA]; Koszmiczna u. 118/G, Zaporozsje (UA). **OSZAU, Pavlo Alekszandrovics** [UA/UA]; Koszmiczna u. 118/G, Zaporozsje (UA). **GONTAR, Vjacseszlav Alekszandrovics** [RU/HU]; Hajlat u. 9, H-1221 Budapest (HU). **HLIVA, László** [HU/HU]; Síp u. 15, H-2143 Kistarcsa (HU).
 (74) **KIS, Lajos**; P.O. Box 33, H-1701 Budapest (HU).
 (81) CA CN JP NO PL RO 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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- Published / Publiée : (c)
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- (11) **WO 98/51975** (13) A1
 (21) PCT/JP98/02077
 (22) **11 May/mai 1998 (11.05.1998)**
 (25) ja (26) ja
 (31) 9/155652 (32) **12 May/mai 1997 (12.05.1997)** (33) JP
 (43) 19 Nov/nov 1998 (19.11.1998)
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- (51)⁶ **F25B 11/00, F01K 25/10**
 (54) ● ENERGY CONVERTER AND ENERGY CONVERSION METHOD
 ● CONVERTISSEUR D'ENERGIE ET PROCEDE DE CONVERSION D'ENERGIE
 (71, 72) **INDO, Toshiyasu** [JP/JP]; 3-9-27, Tsukushino, Machida-shi, Tokyo 194-0001 (JP).
 (74) **SHIMAZOE, Yoshihiko**; Kyodo Building, Room 41, 2-17, Sotokanda 2-chome, Chiyoda-ku, Tokyo 101-0021 (JP).
 (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/51976** (13) A1
 (21) PCT/FI98/00405
 (22) **13 May/mai 1998 (13.05.1998)**
 (25) fi (26) en
 (31) 972020 (32) **13 May/mai 1997 (13.05.1997)** (33) FI
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **F25B 49/02**
 (54) ● METHOD FOR REGULATING OF COOLING APPARATUS AND AN APPARATUS FOR APPLYING OF THE METHOD
 ● PROCEDE DE REGULATION D'UN APPAREIL DE REFRIGERATION ET APPAREIL DE MISE EN APPLICATION DU PROCEDE
 (71) **KYLMÄTERMO OY** [FI/FI]; Männistönkatu 1, FIN-70500 Kuopio (FI).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **PIRSKANEN, Heikki** [FI/FI]; Männistönkatu 1, FIN-70500 Kuopio (FI).
 (74) **PITKÄNEN, Hannu**; Pitkänen Oy, Savilahdentie 6 L 3, FIN-70210 Kuopio (FI).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/51977** (13) A2
 (21) PCT/US98/09515
 (22) **13 May/mai 1998 (13.05.1998)**
 (25) en (26) en
 (31) 08/854,962 (32) **13 May/mai 1997 (13.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **F25D**
 (54) ● PORTABLE SELF-CONTAINED COOLER/FREEZER APPARATUS FOR USE ON AIRPLANES, COMMON CARRIER TYPE UNREFRIGERATED TRUCK LINES, AND VESSELS
 ● DISPOSITIF GLACIERE/CONGELATEUR PORTABLE AUTONOME UTILISABLE DANS LES AVIONS, LES CAMIONS NON REFRIGERES DES SERVICES DE TRANSPORTS GENERAUX, ET LES BATEAUX
 (71, 72) **SAIA, Louis, P., III** [US/US]; Suite A, 106 Jim Bowie Road, Houma, LA 70383 (US). **SAIA, Cynthia, W.** [US/US]; Suite A, 106 Jim Bowie Road, Houma, LA 70383 (US).
-
- (74) **GARVEY, Charles, C., Jr.** et al. / etc.; Pravel, Hewitt, Kimball & Krieger, 10th floor, 1177 West Loop South, Houston, TX 77027 (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 ÚG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/51978** (13) A2
 (21) PCT/US98/10037
 (22) **15 May/mai 1998 (15.05.1998)**
 (25) en (26) en
 (31) 60/046,676 (32) **16 May/mai 1997 (16.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **F25D 17/06**
 (54) ● HIGH-EFFICIENCY AIR-CONDITIONING SYSTEM WITH HIGH-VOLUME AIR DISTRIBUTION
 ● SYSTEME DE CONDITIONNEMENT D'AIR A HAUTE EFFICACITE AVEC DISTRIBUTION D'UN GRAND VOLUME D'AIR
 (71) **WORK SMART ENERGY ENTERPRISES, INC.** [US/US]; 2948 Macomb Street, N.W., Washington, DC 20008 (US).
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 (72, 75) **KOPKO, William, L.** [US/US]; 8705 Cromwell Drive, Springfield, VA 22151 (US).
 (74) **DELUCA, Vincent, M.** et al. / etc.; Rothwell, Figg, Ernst & Kurz, Columbia Square, Suite 701 East, 555 13th Street N.W., Washington, DC 20004 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/51979** (13) A1
 (21) PCT/SE98/00888
 (22) **14 May/mai 1998 (14.05.1998)**
 (25) sv (26) en
 (31) 9701798-2 (32) **15 May/mai 1997 (15.05.1997)** (33) SE
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **F25D 27/00, F21S 5/00**
 (54) ● LIGHTING DEVICE AND METHOD FOR MOUNTING THE LIGHTING DEVICE
 ● DISPOSITIF D'ECLAIRAGE ET PROCEDE ET MONTAGE DE CE DISPOSITIF D'ECLAIRAGE

- (71) **CELSIUSTECH ELECTRONICS AB** [SE/SE]; S-175 88 Järfälla (SE).
- (72) **LYDÉN, Anders**; Klintvägen 19, S-177 40 Järfälla (SE).
- (74) **FORSBERG, Carl-Göran**; Bofors AB, Patent och Varumärken, S-691 80 Karlskoga (SE).
- (81) NO; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/51980** (13) A1
 (21) PCT/US98/09433
 (22) **8 May/mai 1998 (08.05.1998)**
 (25) en (26) en
 (31) 08/854,581 (32) **12 May/mai 1997 (12.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **F26B 13/30, 5/06, F25C 1/00, 5/14**
 (54) ● SYSTEM AND METHOD FOR CHanneled FREEZE PROCESSING OF NON-SOLID MATERIALS
 ● SYSTEME A CANAUX ET PROCEDE DE CONDITIONNEMENT DE MATIERES NON SOLIDES PAR CONGELATION
- (71) **SIR WORLDWIDE, LLC** [US/US]; Suite 204, 418 South Central Avenue, Los Angeles, CA 90013 (US).
- (72) **SCHERER, J., Stirling**; Suite #5, 1021 Hill Street, Santa Monica, CA 90405 (US). **SCHERER, Frank, J.**; 16385 Mockingbird Canyon Road, Riverside, CA 92504 (US).
- (74) **HOLMES, Peter, L.** et al. / etc.; Oppenheimer Wolff & Donnelly LLP, Suite 3800, 2029 Century Park East, Los Angeles, CA 90067 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51981** (13) A1
 (21) PCT/US98/09649
 (22) **12 May/mai 1998 (12.05.1998)**
 (25) en (26) en
 (31) 08/856,880 (32) **15 May/mai 1997 (15.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **F27B 9/04, 9/10, B05D 1/36, 7/00, C23C 16/48, A47G 19/22, B28B 21/00, 21/72, 23/08, C03B 5/18, 19/01, 19/09, C03C 14/00, 17/02, 25/02, 25/04**
 (54) ● GLASS FIBER REINFORCED CERAMIC MOLDING COMPOSITIONS
 ● COMPOSITIONS DE MOULAGE EN CERAMIQUE RENFORCEES PAR DES FIBRES DE VERRE
- (71) **OWENS CORNING** [US/US]; One Owens Corning Parkway, Toledo, OH 43659 (US).
- (72) **FLAUTT, Martin, C.**; 230 Knoll Drive, Granville, OH 43023 (US). **DELAVIZ, Yadi**; 137 Wicklow Drive, Granville, OH 43023 (US). **GAO, Gary**; 912 Glyn Evans Court, Newark, OH 43055 (US).
- (74) **ECKERT, Inger, H.**; Owens Corning, Building 54, 2790 Columbus Road, Granville, OH 43023 (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).
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- (11) **WO 98/51982** (13) A1
 (21) PCT/US98/09342
 (22) **7 May/mai 1998 (07.05.1998)**
 (25) en (26) en
 (31) 08/857,797 (32) **16 May/mai 1997 (16.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **F28D 7/02**
 (54) ● HEAT EXCHANGER BAFFLE DESIGN
 ● MODELE D'ECHANGEUR DE CHALEUR A CHICANES
- (71) **FLOWERVE MANAGEMENT COMPANY** [US/US]; Suite 1500, 222 Las Colinas Boulevard, Irving, TX 75039 (US).
- (72) **LAVELLE, Kenneth, Edward**; 30129 La Primavera, Temecula, CA 92592 (US). **GRACE, Ronald, Leslie**; 2221 Winterhaven Road, Fallbrook, CA 92028 (US).
- (74) **GARSCIA, Mark** et al. / etc.; Pretty, Schroeder & Poplawski, 19th floor, 444 South Flower Street, Los Angeles, CA 90071 (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 98/51983** (13) A1
 (21) PCT/EP97/05985
 (22) **23 Oct/oct 1997 (23.10.1997)**
 (25) en (26) en
 (31) 97201385.8 (32) **12 May/mai 1997 (12.05.1997)** (33) EP
 (34) AT et al. / etc.
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **F28F 9/02**
 (54) ● HEAT EXCHANGER
 ● ECHANGEUR DE CHALEUR
- (71) **NORSK HYDRO TECHNOLOGY B.V.** [NL/NL]; Industrieweg 10, NL-4541 HJ Sluiskil (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FOLKEDAL, Leif** [NO/NO]; Eidenveien 4, N-4250 Kopervik (NO). **GRUNDLACH, Peter** [NO/NO]; Kornveien 8, N-2830 Raufoss (NO). **LI-MING, Xu** [US/US]; Apartment K76, 1290 West Government Street, Brandon, MS 39042 (US). **PETTERSEN, Jostein** [NO/NO]; Johs. Minaas v. 12, N-7053 Ranheim (NO).
- (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 LK LR LS LT LU LV MD MG MK MN MW MX 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).
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- (11) **WO 98/51984** (13) A2
 (21) PCT/BE98/00069
 (22) **14 May/mai 1998 (14.05.1998)**
 (25) fr (26) fr
 (31) 9700427 (32) **15 May/mai 1997 (15.05.1997)** (33) BE
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **F41A 17/74, 17/56**
 (54) ● FIREARM EQUIPPED WITH A QUICK SAFETY DEVICE AND SAFETY DEVICE KIT
 ● ARME A FEU MUNIE D'UN DISPOSITIF DE SECURITE RAPIDE ET DISPOSITIF DE SECURITE EN KIT
- (71) **R.D.I.H. SPRL** [BE/BE]; 338, rue de Visé, B-4020 Jupille (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HUBERT, Léon** [BE/BE]; 338, rue de Visé, B-4020 Jupille-sur-Meuse (BE). **HUBERT, Robert** [BE/BE]; 338, rue du Doyard, B-4010 Herstal (BE).
- (74) **VAN MALDEREN, Joëlle** et al. / etc.; Office Van Malderen, 85/043, boulevard de la Sauvenière, B-4000 Liège (BE).
- (81) AL AU BA BB BG BR CA CN CU CZ DE DE (Utility model / modèle d'utilité) EE GE GW HU ID IL IS JP KP KR KZ LC LK LR LT LV MG MK MN MX NO NZ PL RO RU SG SI SK SL TR TT UA US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/51985** (13) A1
 (21) PCT/US98/09052
 (22) **1 May/mai 1998 (01.05.1998)**
 (25) en (26) en
 (31) 08/856,204 (32) **14 May/mai 1997 (14.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **F41B 5/00, F41G 1/02, 1/46, G02B 5/00, 7/00, 27/00**
 (54) ● SLOTTED PEEP
 ● OEILLETON POURVU DE FENTES
- (71, 72) **JOHNSON, Kenneth, Edward** [US/US]; 8301 11th Avenue S., Bloomington, MN 55420 (US).
- (81) CA CN IL JP; EA (AM AZ BY KG 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 98/51986** (13) A1
 (21) PCT/IL98/00198
 (22) **27 Apr/avr 1998 (27.04.1998)**
 (25) en (26) en
 (31) 120840 (32) **16 May/mai 1997 (16.05.1997)** (33) IL
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **F41G 1/387**
 (54) ● AIMING APPARATUS
 ● APPAREIL DE VISEE
- (71, 72) **DAVID, Yair** [IL/IL]; Ankor Street 6, 47229 Ramat Hasharon (IL).

- (74) **FRIEDMAN, Mark, M.**; Samueloff Building, Haomanim Street 7, 67897 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 98/51987** (13) A1
- (21) PCT/EP98/02781
- (22) **12 May/mai 1998 (12.05.1998)**
- (25) de (26) de
- (31) 197 19 977.1 (32) **13 May/mai 1997 (13.05.1997)** (33) DE
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **F41G 3/16**
- (54) ● VIDEO SIGHTING UNIT WITH INTEGRATED FIRING LINE FOR RIFLES
● VISEUR VIDEO AVEC DISPOSITIF DE CONDUITE DE TIR INTEGRE POUR FUSILS
- (71) **INDUSTRIEANLAGEN-BETRIEBSGESELLSCHAFT MBH** [DE/DE]; Einsteinstrasse 20, D-85521 Ottobrunn (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BECKER, Lothar** [DE/DE]; Forstweg 22, D-33165 Lichtenau-Blankenrode (DE). **KOMPE, Dieter** [DE/DE]; Meisenweg 4, D-33178 Borcheln (DE). **KORF, Heinz-Friedrich** [DE/DE]; Hangweg 3, D-32805 Meinberg (DE). **VÖLKER, Thomas** [DE/DE]; Honeywellstrasse 18, D-63477 Maintal (DE).
- (74) **KRUSPIG, Volkmar** et al. / etc.; Meissner, Bolte & Partner, Postfach 86 06 24, D-81633 München (DE).
- (81) IL 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 98/51988** (13) A1
- (21) PCT/US98/08678
- (22) **29 Apr/avr 1998 (29.04.1998)**
- (25) en (26) en
- (31) 08/854,293 (32) **12 May/mai 1997 (12.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **F41H 5/00, 7/00**
- (54) ● FIBER REINFORCED CERAMIC MATRIX COMPOSITE ARMOR
● ARMATURE COMPOSITE A MATRICE CERAMIQUE RENFORCEE PAR DES FIBRES
- (71) **NORTHROP GRUMMAN CORPORATION** [US/US]; 1840 Century Park East, Los Angeles, CA 90067-2199 (US).
- (72) **STRASSER, Thomas, E.**; 2593 Independence Way, Corona, CA 91720 (US). **ATMUR, Steven, D.**; 3350 May Court, Riverside, CA 92503 (US).
- (74) **ANDERSON, Terry, J.**; Northrop Grumman Corporation, 1840 Century Park East, Los Angeles, CA 90067-2199 (US) et al. / etc.

- (81) AU BG BR CA CN CZ EE HU IL JP KR LT LV MX PL RO RU SG SK UA VN; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/51989** (13) A1
- (21) PCT/US98/10046
- (22) **15 May/mai 1998 (15.05.1998)**
- (25) en (26) en
- (31) 08/857,813 (32) **16 May/mai 1997 (16.05.1997)** (33) US

- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **F41J 9/16**
- (54) ● ENVIRONMENTALLY SAFE PROJECTABLE TARGETS
● CIBLES A PROJETER, SANS DANGER POUR L'ENVIRONNEMENT
- (71) **REAGENT CHEMICAL AND RESEARCH, INC.** [US/US]; 124 River Road, Middlesex, NJ 08846 (US).

- (72) **SKEUSE, Brian**; 26 Old Hill Road, Flemington, NJ 08846 (US). **SPENCER, Rupert**; Route 1, Box 47E, Carl Junction, MO 64834 (US).

- (74) **ROSENTHAL, Lawrence** 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 LU LV MD MG MK MN MW MX 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 98/51990** (13) A1
- (21) PCT/CH97/00177
- (22) **9 May/mai 1997 (09.05.1997)**
- (25) fr (26) fr
- (43) 19 Nov/nov 1998 (19.11.1998)

- (51)⁶ **G01B 3/20**
- (54) ● PORTABLE PRECISION ELECTRONIC CALIPER
● CALIBRE ELECTRONIQUE PORTABLE DE PRECISION

- (71) **BROWN & SHARPE TESA S.A.** [CH/CH]; 38, rue du Bugnon, CH-1020 Renens (CH).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **BEZINGE, Alex** [CH/CH]; Grand Rue, CH-1137 Yens (CH). **BOLL, Jean-Luc** [CH/CH]; 18, chemin Briquet, CH-1209 Genève (CH).

- (74) **BOVARD S.A.**; Optingenstrasse 16, CH-3000 Berne 25 (CH).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ 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 98/51991** (13) A1
- (21) PCT/US98/10110
- (22) **15 May/mai 1998 (15.05.1998)**
- (25) en (26) en
- (31) 08/857,725 (32) **16 May/mai 1997 (16.05.1997)** (33) US

- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **G01B 5/24, 7/315, B62D 17/00, G06F 19/00**
- (54) ● IMPROVED COMPUTERIZED AUTOMOTIVE SERVICE SYSTEM
● SYSTEME INFORMATISE D'ENTRETIEN AUTOMOBILES

- (71) **SNAP-ON TECHNOLOGIES, INC.** [US/US]; 420 Barclay Boulevard, Lincolnshire, IL 60069 (US).

- (72) **DE BELLEFEUILLE, Jean**; RR#5, Box 2515, Brunswick, ME 04011 (US). **ROGERS, Steven, Wade**; 2210 Remington Road, Conway, AR 72032 (US). **GILL, George, Michael**; 27 Stump Street, Vilonia, AR 72173 (US). **KLING, Michael, John, III**; 10 Fontenay Circle, Little Rock, AR 72211 (US). **BAIRD, Michael, Lloyd**; 891 Terrace Drive, Los Altos, CA 94024 (US). **CASBY, Alan, David**; 1634 Greenwood Circle, Conway, AR 72032 (US). **O'MAHONY, Patrick, B.**; 12 Ashton Park, Blackrock Road, Cork City (IE). **BRENNAN, John, C.**; 34 Bridgewater, Carrigrohane (IE). **ZHENG, Ju**; 1701 N. Bryant Street, No. 58, Little Rock, AR 72207 (US). **SANDUSKY, Gary, L.**; 1243 Chandler Circle, Prosper, TX 75078 (US).

- (74) **CRUZ, Lawrence**; Niro, Scavone, Haller & Niro, Suite 4600, 181 W. Madison, Chicago, IL 60602 (US).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/51992** (13) A1
- (21) PCT/EP98/02494
- (22) **28 Apr/avr 1998 (28.04.1998)**
- (25) de (26) de
- (31) 197 20 246.2 (32) **15 May/mai 1997 (15.05.1997)** (33) DE

- (43) 19 Nov/nov 1998 (19.11.1998)

- (51)⁶ **G01B 9/02**
- (54) ● INTERFEROMETER TUNABLE IN A NON-MECHANICAL MANNER BY A PANCHARATNAM PHASE
● INTERFEROMETRE SYNTONISABLE DE MANIERE NON MECANIQUE PAR PHASE PANCHARATNAM

- (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) **DULTZ, Wolfgang** [DE/DE]; Marienbergstrasse 37, D-65936 Frankfurt am Main (DE). **BERESNEV, Leonid** [RU/RU]; Messelerstrasse 57, D-64291 Darmstadt (DE). **HILS, Bernhard** [DE/DE]; Hainerbergweg 49, D-61462 Königstein (DE).

- (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 98/51993** (13) A1
 (21) PCT/JP98/02160
 (22) **15 May/mai 1998 (15.05.1998)**
 (25) ja (26) ja
 (31) 9/127189 (32) **16 May/mai 1997 (16.05.1997)** (33) JP
 (31) 9/257284 (32) **22 Sep/sep 1997 (22.09.1997)** (33) JP
 (31) 9/258550 (32) **24 Sep/sep 1997 (24.09.1997)** (33) JP
 (31) 10/62707 (32) **13 Mar/mar 1998 (13.03.1998)** (33) JP
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **G01B 11/02, G02B 7/11, H01L 21/52, 23/12**
 (54) ● HEIGHT-MEASURING DEVICE
 ● DISPOSITIF SERVANT A MESURER UNE HAUTEUR
 (71) **OLYMPUS OPTICAL CO., LTD.** [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP).
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 (72, 75) **AOKI, Masahiro** [JP/JP]; 2-9-8, Minamidaira, Mizuhomachi, Nishitama-gun, Tokyo 190-1224 (JP). **ABE, Chikara** [JP/JP]; 3-3-8-202, Kamiyugi, Hachioji-shi, Tokyo 192-0373 (JP).
 (74) **SUZUYE, Takehiko** et al. / etc.; Suzuye & Suzuye, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
 (81) JP US.
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- (11) **WO 98/51994** (13) A1
 (21) PCT/IB98/00739
 (22) **15 May/mai 1998 (15.05.1998)**
 (25) en (26) en
 (31) BO97A000293 (32) **15 May/mai 1997 (15.05.1997)** (33) IT
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **G01C 15/00**
 (54) ● INSTRUMENT FOR OBTAINING A REFERENCE LINE
 ● INSTRUMENT PERMETTANT D'OBTENIR UNE LIGNE DE REFERENCE
 (71, 72) **MORETTI, Massimo** [IT/IT]; Via Eynard, 37, I-48024 Massalombarda (IT).
 (74) **LANZONI, Luciano**; Bugnion S.p.A., Via dei Mille, 19, I-40121 Bologna (IT).
 (81) AU BR CA CN KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
 Published / Publiée : (a)
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- (11) **WO 98/51995** (13) A1
 (21) PCT/JP97/01643
 (22) **15 May/mai 1997 (15.05.1997)**
 (25) ja (26) ja
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **G01C 21/00**
 (54) ● NAVIGATOR
 ● NAVIGATEUR
 (71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP).
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 (72, 75) **UCHIGAKI, Yuichiro** [JP/JP]; Mitsubishi Denki Kabusiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP). **AKAMATSU, Teruki** [JP/JP]; Mitsubishi Denki Kabusiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP).
 (74) **TAZAWA, Hiroaki** et al. / etc.; 4F, Kasumigaseki IHF Building, 5-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100 (JP).
 (81) CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/51996** (13) A1
 (21) PCT/JP98/02074
 (22) **11 May/mai 1998 (11.05.1998)**
 (25) ja (26) ja
 (31) 9/124176 (32) **14 May/mai 1997 (14.05.1997)** (33) JP
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **G01D 5/245**
 (54) ● STRUCTURE FOR FITTING ROTARY DISPLACEMENT SENSOR
 ● STRUCTURE DE MONTAGE D'UN CAPTEUR DE MOUVEMENT ROTATIF
 (71) **KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO** [JP/JP]; 1, Toyoda-cho 2-chome, Kariya-shi, Aichi-ken 448-8671 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **CHINO, Kenji** [JP/JP]; Kabushiki Kaisha Toyoda Jidoshokki Seisakusho, 1, Toyoda-cho 2-chome, Kariya-shi, Aichi-ken 448-8671 (JP). **HYODO, Masaya** [JP/JP]; Kabushiki Kaisha Toyoda Jidoshokki Seisakusho, 1, Toyoda-cho 2-chome, Kariya-shi, Aichi-ken 448-8671 (JP). **IWANAGA, Yoshihisa** [JP/JP]; Kabushiki Kaisha Toyoda Jidoshokki Seisakusho, 1, Toyoda-cho 2-chome, Kariya-shi, Aichi-ken 448-8671 (JP). **ISHIKAWA, Kazuo** [JP/JP]; 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) AU CA CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/51997** (13) A1
 (21) PCT/JP98/02099
 (22) **12 May/mai 1998 (12.05.1998)**
 (25) ja (26) ja
 (31) 9/135770 (32) **12 May/mai 1997 (12.05.1997)** (33) JP
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **G01D 5/245**
 (54) ● OFFSET CORRECTING CIRCUIT FOR ENCODER
 ● CIRCUIT DE CORRECTION DE DECALAGE POUR DISPOSITIF DE CODAGE
 (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) **TANIGUCHI, Mitsuyuki** [JP/JP]; 1158-11, Kawashimada, Gotenba-shi, Shizuoka 412-0045 (JP). **INOUE, Tadashi** [JP/JP]; Room 6-201, Fanuc Manshonharimomi, 3537-1, 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).
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- (11) **WO 98/51998** (13) A1
 (21) PCT/DE98/00895
 (22) **26 Mar/mar 1998 (26.03.1998)**
 (25) de (26) de
 (31) 197 20 196.2 (32) **14 May/mai 1997 (14.05.1997)** (33) DE
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **G01D 11/30, H01R 23/68**
 (54) ● MEASURING SYSTEM
 ● SYSTEME DE MESURE
 (71) **TRW AUTOMOTIVE ELECTRONICS & COMPONENTS GMBH & CO. KG** [DE/DE]; Industriestrasse 2-8, D-78315 Radolfzell (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **SAUTER, Roland** [DE/DE]; Eckenerstrasse 34, D-78056 Villingen-Schwenningen (DE).
 (74) **EDER & SCHIESCHKE**; Elisabethstrasse 34, D-80796 München (DE).
 (81) BR JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
 Published / Publiée : (c)
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- (11) **WO 98/51999** (13) A1
 (21) PCT/US98/09579
 (22) **12 May/mai 1998 (12.05.1998)**
 (25) en (26) en
 (31) 60/046,292 (32) **13 May/mai 1997 (13.05.1997)** (33) US
 (31) 08/939,769 (32) **29 Sep/sep 1997 (29.09.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **G01D 15/14, H02K 44/02**
 (54) ● ELECTROHYDRODYNAMIC PUMP PRINT ARRAY
 ● ENSEMBLE D'IMPRESSION A POMPES ELECTROHYDRODYNAMIQUES
 (71) **SARNOFF CORPORATION** [US/US]; 201 Washington Road, CN 5300, Princeton, NJ 08543 (US).
 (72) **YORK, Pamela, K.**; 1612 Yardley Commons, Yardley, PA 19067 (US). **MC BRIDE, Sterling, Eduard**; 4214 Fieldcrest Court, Lawrenceville, NJ 08648 (US). **CHERUKURI, Satyam, C.**; 90 Cranbury Neck Road, Cranbury, NJ 08512 (US).
 (74) **BURKE, William, J.** et al. / etc.; Sarnoff Corporation, 201 Washington Road, CN 5300, Princeton, NJ 08543 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/52000** (13) A2
 (21) PCT/DE98/01356
 (22) **7 May/mai 1998 (07.05.1998)**
 (25) de (26) de
 (31) 197 19 587.3 (32) **9 May/mai 1997 (09.05.1997)** (33) DE
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **G01F**
 (54) ● METHOD AND DEVICE FOR DETECTING AND COMPENSATING ZERO POINT INFLUENCES ON CORIOLIS-TYPE MASS FLOWMETERS
 ● PROCEDE ET DISPOSITIF POUR LA DETECTION ET LA COMPENSATION D'INFLUENCES AU POINT ZERO SUR DES DEBITMETRES MASSIQUES A FORCE DE CORIOLIS
 (71) **BAILEY-FISCHER & PORTER GMBH** [DE/DE]; Dransfelder Strasse 2, D-37079 Göttingen (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **DEPPE, Lothar** [DE/DE]; Sieberweg 37, D-37081 Göttingen (DE). **LESJAK, Ralf** [DE/DE]; Hoher Thie 10, D-37124 Rosdorf (DE). **PAPENBROCK, Axel** [DE/DE]; Gosslerstrasse 43, D-37075 Göttingen (DE).
 (74) **MEISSNER, P., E.** et al. / etc.; Hohenzollern-damm 89, D-14199 Berlin (DE).
 (81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/52001** (13) A1
 (21) PCT/US98/09725
 (22) **13 May/mai 1998 (13.05.1998)**
 (25) en (26) en
 (31) 08/854,981 (32) **13 May/mai 1997 (13.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **G01F 1/00**
 (54) ● ELECTROMAGNETIC FLOWMETER
 ● DEBITMETRE ELECTROMAGNETIQUE
 (71) **HERSEY MEASUREMENT COMPANY** [US/US]; 150 Venture Boulevard, P.O. Box 4585, Spartanburg, SC 29305 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (71) **SCARPA, Alice** (executrix for the deceased inventor / exécutrice testamentaire pour l'inventeur décédé) [US/US]; 6481 Route 6N West, Edinboro, PA 16412 (US).
(only for / seulement pour US)
 (72) **SCARPA, Thomas, J.** (deceased / décédé).
 (74) **ROSENBERG, Sumner, C.** et al. / etc.; Needle & Rosenberg, 127 Peachtree Street, N.E., Atlanta, GA 30303 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/52002** (13) A1
 (21) PCT/US98/09733
 (22) **13 May/mai 1998 (13.05.1998)**
 (25) en (26) en
 (31) 60/047,007 (32) **14 May/mai 1997 (14.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **G01F 1/74, 1/34**
 (54) ● APPARATUS AND METHOD FOR MEASURING FLOW OF GAS WITH ENTRAINED LIQUIDS
 ● APPAREIL ET PROCEDE DE MESURE DU DEBIT DE GAZ AVEC LIQUIDES ENTRAINES
 (71) **SOUTHWEST RESEARCH INSTITUTE** [US/US]; 6220 Culebra Road, San Antonio, TX 78284 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **HATTON, Gregory, J.** [US/US]; 3207 Rambling Creek, Kingwood, TX 77345 (US). **SVEDEMAN, Steven, J.** [US/US]; 4515 Honey Locust, San Antonio, TX 78249 (US).
 (74) **KAMMER, Mark, A.**; Kammer & Huff, PLLC, Suite 304, 750 E. Mulberry, San Antonio, TX 78212 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/52003** (13) A1
 (21) PCT/GB98/01296
 (22) **5 May/mai 1998 (05.05.1998)**
 (25) en (26) en
 (31) 9709604.4 (32) **12 May/mai 1997 (12.05.1997)** (33) GB
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **G01F 15/00, G07F 15/00**
 (54) ● METERING SYSTEMS
 ● INSTALLATIONS DE COMPTAGE
 (71) **LG (UK) LTD.** [GB/GB]; Hortonwood 30, Telford, Shropshire TF1 4ET (GB).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **RICCI, Francesco, Giovanni** [GB/GB]; Primrose Cottage, Stanton upon Hyne, Heath, Shropshire SY4 4LR (GB).
 (74) **PRATT, Richard, Wilson**; D. Young & Co., 21 New Fetter Lane, London EC4A 1DA (GB).

(81) AU BR 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 98/52004** (13) A1
 (21) PCT/FR98/00915
 (22) **6 May/mai 1998 (06.05.1998)**
 (25) fr (26) fr
 (31) 97/05741 (32) **9 May/mai 1997 (09.05.1997)** (33) FR
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **G01F 23/26**
 (54) ● SYSTEM AND METHOD FOR MEASURING THE LIQUID LEVEL CAPACITY IN A CONTAINER
 ● SYSTEME ET PROCEDE DE MESURE CAPACITIVE DE NIVEAU D'UN LIQUIDE DANS UN CONTENEUR
 (71) **NANOTEC SOLUTION** [FR/FR]; 237, chemin Puech du Teil, F-30900 Nîmes (FR). **L'AIR LIQUIDE - SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE** [FR/FR]; 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **ROZIERE, Didier** [FR/FR]; Le Castanet, Impasse des Hêtres, F-30900 Nîmes (FR). **DEVILLERS, Christophe** [FR/FR]; 43, avenue du Vercors, F-38170 Seyssinet (FR).
 (74) **ALLANO, Sylvain** et al. / etc.; Pontet Allano & Associés s.e.l.a.r.l., Parc-Club Orsay-Université, 25, rue Jean Roustand, F-91893 Orsay 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 98/52005** (13) A1
 (21) PCT/ES98/00132
 (22) **8 May/mai 1998 (08.05.1998)**
 (25) es (26) es
 (31) U 9701380 (32) **9 May/mai 1997 (09.05.1997)** (33) ES
 (31) U 9701381 (32) **9 May/mai 1997 (09.05.1997)** (33) ES
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **G01G 19/00**
 (54) ● DEVICE FOR THE EVALUATION-WEIGHING OF POSTAL LETTERS OR PARCELS
 ● DISPOSITIF PLIABLE POUR L'EVALUATION-PESAGE DE LETTRES OU D'ENVOIS POSTAUX
 (71) **PROMOTEC PUBLICIDAD, SL** [ES/ES]; Calle Independència, 351 bis 6^a-1^a, E-08026 Barcelona (ES).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **MESTRES ARMENGOL, Fernando** [ES/ES]; Calle Independència, 351 bis 6^a-1^a, E-08026 Barcelona (ES). **LOPEZ FERNANDEZ, Francisco** [ES/ES]; Calle Independència, 351 bis 6^a-1^a, E-08026 Barcelona (ES).

- (74) **MANRESA VAL, Manuel**; Girona, 34, E-08010 Barcelona (ES).
- (81) 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 98/52006** (13) A1

(21) PCT/GB98/01338

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

(25) en (26) en

(31) 9709612.7 (32) **12 May/mai 1997 (12.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01L 1/18, G01J 4/00, B25J 7/00**

(54) ● OPTO-MECHANICAL DEVICE
● DISPOSITIF OPTO-MECANIQUE

(71) **CAMBRIDGE UNIVERSITY TECHNICAL SERVICES LIMITED** [GB/GB]; The Old Schools, Trinity Lane, Cambridge CB2 1TS (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ELLIOTT, Stephen, Richard** [GB/GB]; 12 Maids Causeway, Cambridge CB5 8DA (GB). **WELLAND, Mark, Edward** [GB/GB]; 32 Wingate Way, Trumpington, Cambridge CB2 2HD (GB). **KRECMER, Pavel** [CZ/CZ]; Prdslavice 253, 783 54 Olomouc (CZ).

(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).

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(11) **WO 98/52007** (13) A1

(21) PCT/CN97/00046

(22) **12 May/mai 1997 (12.05.1997)**

(25) zh (26) zh

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01L 7/04**

(54) ● A MAGNETIC INDUCTION TYPE PRESSURE SENSOR
● CAPTEUR DE PRESSION A INDUCTANCE MAGNETIQUE

(71, 72) **LO, Jui, Yang** [CN/CN]; No. 2, Alley 27, Lane 143, Yuan Shan Road, Chung Ho City, Taipei Hsien, Taiwan (CN).

(74) **CHINA SCIENCES PATENT AGENT LIMITED**; 6/F, No. 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 SL 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 98/52008** (13) A1

(21) PCT/GB98/01373

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

(25) en (26) en

(31) 9709645.7 (32) **14 May/mai 1997 (14.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01L 17/00, E01F 11/00, G01G 19/02**

(54) ● TYRE PRESSURE DETERMINATION
● MESURE DE LA PRESSION DE PNEUMATIQUES

(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).

(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 98/52009** (13) A1

(21) PCT/IB98/00699

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

(25) en (26) en

(31) 197 19 886.4 (32) **12 May/mai 1997 (12.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01M 1/32, 1/36**

(54) ● METHOD AND APPARATUS FOR BALANCING WHEELS WITH PNEUMATIC TYRES
● PROCEDE ET APPAREIL POUR EQUILIBRER DES ROUES POURVUES DE PNEUMATIQUES

(71) **CARNEHAMMAR, Lars, Bertil** [SE/GB]; 28 Charles II Place, Chelsea, London SW3 4NG (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SEITZ, Norbert** [DE/DE]; Riegseestrasse 3, D-82194 Gröbenzell (DE).

(74) **PLOUGMANN, VINGTOFT & PARTNERS**; Sankt Annæ Plads 11, P.O. Box 3007, DK-1021 Copenhagen K (DK).

(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; 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).

(11) **WO 98/52010** (13) A1

(21) PCT/FR98/00945

(22) **12 May/mai 1998 (12.05.1998)**

(25) fr (26) fr

(31) 97/05775 (32) **12 May/mai 1997 (12.05.1997)** (33) FR

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01M 3/40**

(54) ● METHOD FOR SELECTIVELY DETECTING LIQUID LEAKS IN INACCESSIBLE PIPING AND DEVICE FOR ITS IMPLEMENTATION
● PROCEDE DE DETECTION SELECTIVE DE FUITES DE LIQUIDE DANS DES CANALISATIONS INACCESSIBLES ET DISPOSITIF POUR SA MISE EN OEUVRE

(71) **ACTIVE INFORMA CREUSE** [FR/FR]; Lotissement Beck, Avenue Pierre Mendès France, F-23000 Guéret (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CATONNÉ, Jean-Claude** [FR/FR]; 3, avenue Guibert, F-78170 La Celle Saint Cloud (FR). **ERGO, Alain** [FR/FR]; 26, rue des Déportés, F-92700 Colombes (FR). **SENSFELDER, Raymond** [FR/FR]; 229, rue Saint Honoré, F-75001 Paris (FR).

(74) **KOCH, Gustave et al.** / etc.; 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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(11) **WO 98/52011** (13) A2

(21) PCT/US98/09775

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

(25) en (26) en

(31) 60/047,008 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01N**

(54) ● SYSTEMS AND METHODS FOR ANALYZING PHANTOM IMAGES
● SYSTEMES ET PROCEDES D'ANALYSE D'IMAGES FANTOMES

(71) **EMORY UNIVERSITY** [US/US]; 1380 South Oxford Road, Atlanta, GA 30322 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BROOKS, Kenneth, W.** [US/US]; 31 Elan Way, Marietta, GA 30068 (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 US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/52012** (13) A2

(21) PCT/EP98/02722

(22) 9 May/mai 1998 (09.05.1998)

(25) de (26) de

(31) 197 19 903.8 (32) 12 May/mai 1997 (33) DE (12.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ G01N 1/22 // 33/00, C23C 16/44

(54) ● MEASURING DEVICE AND METHOD FOR CLEANING CONTAMINATED AREAS OF A MEASURING DEVICE

● DISPOSITIF DE MESURE ET PROCEDE DE NETTOYAGE DES ZONES DE CONTAMINATION D'UN DISPOSITIF DE MESURE

(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) GROTHEER, Horst-Henning [DE/DE]; Karl-Pfaff-Strasse 5, D-70557 Stuttgart (DE). OSER, Harald [DE/DE]; Lessingstrasse 8, D-73760 Ostfildern (DE). THANNER, Reinhold [DE/DE]; Johannesstrasse 40, D-70176 Stuttgart (DE).

(74) BECK, Jürgen et al. / etc.; Hoeger, Stellrecht & Partner, Uhlandstrasse 14 c, D-70182 Stuttgart (DE).

(81) DE JP US.

(11) WO 98/52013 (13) A1

(21) PCT/US98/08879

(22) 1 May/mai 1998 (01.05.1998)

(25) en (26) en

(31) 08/854,998 (32) 13 May/mai 1997 (33) US (13.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ G01N 15/02, 15/06, 21/00, 21/49, 21/85

(54) ● INSTRUMENT FOR MEASURING HYDRODYNAMIC RADIUS OF MOLECULES

● INSTRUMENT POUR LA MESURE DU RAYON HYDRODYNAMIQUE DES MOLECULES

(71) PRECISION DETECTORS, INC. [US/US]; 10 Forge Park, Franklin, MA 02038 (US).

(72) FORD, Norman, C., Jr.; 300 Flat Hills Road, Amherst, MA 01002 (US).

(74) MCCLELLAN, William, R.; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

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

(11) WO 98/52014 (13) A1

(21) PCT/US98/05958

(22) 25 Mar/mar 1998 (25.03.1998)

(25) en (26) en

(31) 08/856,907 (32) 15 May/mai 1997 (33) US (15.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ G01N 15/06, 21/49, 21/85

(54) ● LIQUID LEVEL SENSOR FOR USE IN A HOT, PRESSURIZED LIQUID

● JAUGE DE NIVEAU POUR LIQUIDES CHAUDS SOUS PRESSION

(71) CASCO PRODUCTS CORPORATION [US/US]; 380 Horace Street, Bridgeport, CT 06610 (US).

(72) ROMATZICK, David, H.; 32 Goodchild Street, Milford, CT 06460 (US).

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

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

(11) WO 98/52015 (13) A1

(21) PCT/JP98/02159

(22) 15 May/mai 1998 (15.05.1998)

(25) ja (26) ja

(31) 9/143493 (32) 16 May/mai 1997 (33) JP (16.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ G01N 15/08, A61F 7/08

(54) ● OXYGEN DIFFUSION AMOUNT MEASURING METHOD, OXYGEN DIFFUSION AMOUNT DEVICE AND HEATING BAG WITH VENT VOLUME SPECIFIED IN TERMS OF OXYGEN DIFFUSION AMOUNT

● PROCEDE ET DISPOSITIF SERVANT A MESURER UNE QUANTITE DE DIFFUSION D'OXYGENE, SAC DE RECHAUFFEMENT PRESENTANT UN VOLUME DE VENTILATION SPECIFIE EN TERMES DE QUANTITE DE DIFFUSION D'OXYGENE

(71) JAPAN PAIONICS CO., LTD. [JP/JP]; 1-3, Nishi-Shinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOISO, Yasuhiko [JP/JP]; Japan Pionics Co., Ltd., Hiratsuka Research Laboratory, 5181, Tamura, Hiratsuka-shi, Kanagawa 254-0013 (JP). WAGATSUMA, Naoto [JP/JP]; Japan Pionics Co., Ltd., Hiratsuka Research Laboratory, 5181, Tamura, Hiratsuka-shi, Kanagawa 254-0013 (JP). MATSUMOTO, Yoshiki [JP/JP]; Japan Pionics Co., Ltd., Hiratsuka Research Laboratory, 5181, Tamura, Hiratsuka-shi, Kanagawa 254-0013 (JP). FUJISAWA, Masayuki [JP/JP]; Japan Pionics Co., Ltd., Hiratsuka Research Laboratory, 5181, Tamura, Hiratsuka-shi, Kanagawa 254-0013 (JP). OCHI, Kohshi [JP/JP]; Japan Pionics Co., Ltd., Hiratsuka Research Laboratory, 5181, Tamura, Hiratsuka-shi, Kanagawa 254-0013 (JP).

(74) INABA, Yoshiyuki et al. / etc.; TMI Associates, Suite 803, 37 Mori Building, 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 98/52016 (13) A1

(21) PCT/CA97/00318

(22) 9 May/mai 1997 (09.05.1997)

(25) en (26) en

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ G01N 15/14, G02B 21/00, G06K 9/00

(54) ● MULTI-SPECTRAL IMAGING SYSTEM AND METHOD FOR CYTOLOGY

● SYSTEME D'IMAGERIE MULTISPECTRALE ET METHODE DE CYTOLOGIE

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

(11) WO 98/52017 (13) A1

(21) PCT/CA98/00474

(22) 15 May/mai 1998 (15.05.1998)

(25) en (26) en

(31) 60/047,810 (32) 15 May/mai 1997 (33) US (15.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ G01N 15/14

(54) ● APPARATUS AND METHODS FOR DETERMINING THE TIME OF DEATH OF AN ORGANISM

● APPAREIL ET METHODES DE DETERMINATION DE L'HEURE DE LA MORT D'UN ORGANISME

(71) BIOMAX TECHNOLOGIES, INC. [CA/CA]; 568 - 999 Canada Place, Vancouver, British Columbia V6C 3E1 (CA).
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(72, 75) WHITEHEAD, Peter, D. [CA/CA]; 2440 Queens Avenue, West Vancouver, British Columbia V7V 2Y6 (CA). MacAULAY, Calum, E. [CA/CA]; 338 East 37th, Vancouver, British Columbia V5W 1E7 (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).

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(11) WO 98/52018 (13) A1

(21) PCT/US98/09689

(22) 12 May/mai 1998 (12.05.1998)

(25) en (26) en

(31) 60/046,470 (32) 14 May/mai 1997 (33) US (14.05.1997)

(31) 09/072,502 (32) 4 May/mai 1998 (33) US (04.05.1998)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ G01N 15/14

- (54) ● IDENTIFICATION OF OBJECTS BY MEANS OF MULTIPLE IMAGING
● IDENTIFICATION D'OBJETS PAR FORMATION D'IMAGES MULTIPLES
- (63) US 60/046,470 (CON)
14 May/mai 1997 (14.05.1997)
- (71) **APPLIED IMAGING CORPORATION** [US/US]; 2340A Walsh Avenue, Santa Clara, CA 95051 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RAVKIN, Ilya** [US/US]; 945 Colorado Avenue, Palo Alto, CA 94303 (US).
- (74) **SLONE, David, N.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111-3834 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/52019** (13) A1
(21) PCT/NL98/00258
(22) **8 May/mai 1998 (08.05.1998)**
(25) nl (26) en
(31) 1006016 (32) **9 May/mai 1997 (09.05.1997)** (33) NL
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **G01N 21/21**
- (54) ● ELLIPSOMETER WITH TWO LASERS
● ELLIPSOMETRE EQUIPE DE DEUX LASERS
- (71) **TECHNISCHE UNIVERSITEIT DELFT** [NL/NL]; Postbus 5, NL-2600 AA Delft (NL).
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- (72, 75) **HEMMES, Klaas** [NL/NL]; Fakkkelgras 38, NL-2318 TD Leiden (NL). **KOOPS, Karl, Richard** [NL/NL]; Arthur van Schendelplein 196, NL-2644 CZ Delft (NL).
- (74) **DE BRULIN, 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/52020** (13) A1
(21) PCT/US98/09602
(22) **12 May/mai 1998 (12.05.1998)**
(25) en (26) en
(31) 08/855,121 (32) **13 May/mai 1997 (13.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **G01N 21/35, 21/31, 21/03**
- (54) ● SELF NORMALIZING RADIANT ENERGY MONITOR AND APPARATUS FOR GAIN INDEPENDENT MATERIAL QUANTITY MEASUREMENTS
● DETECTEUR D'ENERGIE RAYONNANTE AUTO-NORMALISANT ET APPAREIL PERMETTANT DE MESURER DES QUANTITES DE MATERIAUX INDEPENDAMMENT DU GAIN
- (71, 72) **CARLSON, Lee, Richard** [US/US]; 2260 Crestline Road, Pleasanton, CA 94566 (US).
- (74) **EMERSON, Roger, D.**; 4421 Ranchwood Spur, Akron, OH 44333-1348 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/52021** (13) A1
(21) PCT/US98/09914
(22) **15 May/mai 1998 (15.05.1998)**
(25) en (26) en
(31) 60/046,739 (32) **16 May/mai 1997 (16.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **G01N 21/47, G02B 27/44**
- (54) ● GRATING BASED PHASE CONTROL OPTICAL DELAY LINE
● LIGNE DE RETARD OPTIQUE A COMMANDE DE PHASE DE RESEAU
- (71) **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).
- (72) **TEARNEY, Guillermo, J.**; 129 Franklin Street, Cambridge, MA 02139 (US). **BOUMA, Brett, E.**; 147 Grampian Way, Boston, MA 02118 (US). **FUJIMOTO, James, G.**; 2592 Massachusetts Avenue, Cambridge, MA 02138 (US).
- (74) **TURANO, Thomas, A.**; Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).
- (81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/52022** (13) A1
(21) PCT/DE98/01316
(22) **12 May/mai 1998 (12.05.1998)**
(25) de (26) de
(31) 197 19 422.2 (32) **12 May/mai 1997 (12.05.1997)** (33) DE
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **G01N 21/64, 21/85**
- (54) ● DEVICE FOR MEASURING LIGHT-ACTIVATED FLUORESCENCE AND ITS USE
● DISPOSITIF DE MESURE DE FLUORESCENCE ACTIVEE PAR LA LUMIERE ET SON UTILISATION
- (71) **KIRSCHNER, Uwe** [DE/DE]; Alttrachau 41, D-01139 Dresden (DE).
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- (71, 72) **LAU, Matthias** [DE/DE]; Blasewitzer Strasse 22, D-01307 Dresden (DE).
- (74) **PFENNING, MEINIG & PARTNER GBR**; Gosstritzer Strasse 61-63, D-01217 Dresden (DE).
- (81) AU BR CA CN JP KR RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- Published / Publiée : (c)
- (11) **WO 98/52023** (13) A1
(21) PCT/US98/09589
(22) **12 May/mai 1998 (12.05.1998)**
(25) en (26) en
(31) 08/855,236 (32) **13 May/mai 1997 (13.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **G01N 21/64, 21/77**
- (54) ● IMPROVED FLUORESCENCE SENSING DEVICE
● DISPOSITIF CAPTEUR A FLUORESCENCE AMELIORE
- (71, 72) **COLVIN, Arthur, E., Jr.** [US/US]; 12321 Middlebrook Road, Germantown, MD 20874 (US).
- (74) **SULLIVAN, Michael, G.** et al. / etc.; Rothwell, Figg, Ernst & Kurz, Suite 701 East, 555 13th Street N.W., Columbia Square, Washington, DC 20004 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/52024** (13) A1
(21) PCT/US98/09588
(22) **12 May/mai 1998 (12.05.1998)**
(25) en (26) en
(31) 08/855,234 (32) **13 May/mai 1997 (13.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **G01N 21/77, 21/64**
- (54) ● IMPROVED FLUORESCENCE SENSING DEVICE
● DISPOSITIF CAPTEUR A FLUORESCENCE AMELIORE
- (71, 72) **COLVIN, Arthur, E., Jr.** [US/US]; 12321 Middlebrook Road, Germantown, MD 20874 (US).
- (74) **SULLIVAN, Michael, G.** et al. / etc.; Rothwell, Figg, Ernst & Kurz, Suite 701 East, Columbia Square, 555 13th Street N.W., Washington, DC 20004 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52025** (13) A1
 (21) PCT/JP98/02119
 (22) **14 May/mai 1998 (14.05.1998)**
 (25) ja (26) ja
 (31) 9/123987 (32) **14 May/mai 1997 (14.05.1997)** (33) JP
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **G01N 21/88**
 (54) ● SURFACE INSPECTION INSTRUMENT AND SURFACE INSPECTION METHOD
 ● PROCEDE ET INSTRUMENT DE CONTROLE DE SURFACE
 (71) **IDEMITSU PETROCHEMICAL CO., LTD.** [JP/JP]; 6-1, Shiba 5-chome, Minato-ku, Tokyo 108-0014 (JP).
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 (72, 75) **TOMOMATSU, Ryuzou** [JP/JP]; 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107 (JP).
 (74) **TOHEL, Masamichi**; Idemitsu Kosan Co., Ltd., 24-4, Anesakikaigan, Ichihara-shi, Chiba 299-0107 (JP).
 (81) DE US.

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- (11) **WO 98/52026** (13) A1
 (21) PCT/CA98/00450
 (22) **8 May/mai 1998 (08.05.1998)**
 (25) en (26) en
 (31) 08/854,104 (32) **9 May/mai 1997 (09.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **G01N 25/18, 33/28**
 (54) ● METHOD AND APPARATUS FOR MEASURING QUENCHANT PROPERTIES OF COOLANTS
 ● PROCEDE ET APPAREIL DE MESURE DES PROPRIETES DE MILIEU TREMPANT DE REFRIGERANTS
 (71) **ALCAN INTERNATIONAL LIMITED** [CA/CA]; 1188 Sherbrooke Street West, Montreal, Québec H3A 3G2 (CA).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **GENDRON, Andre** [CA/CA]; 2496 Moffat, Jonquiere, Québec G7S 4Z9 (CA). **BOURGEOIS, Thierry** [CA/CA]; 1671 Gay-Lussac, Jonquiere, Québec G7S 3K9 (CA). **CARON, Yves** [CA/CA]; 1421 Begin, Chicoutimi, Québec G7H 4P7 (CA). **LANGLAIS, Joseph** [CA/CA]; Apartment 8, 102 Price East, Chicoutimi, Québec G7H 2E2 (CA).
 (74) **GALE, Edwin, J.**; Kirby, Eades, Gale, Baker, Box 3432, Station D, Ottawa, Ontario K1P 6N9 (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 98/52027** (13) A1
 (21) PCT/EP98/00341

- (22) **22 Jan/jan 1998 (22.01.1998)**
 (25) de (26) de
 (31) 197 20 352.3 (32) **15 May/mai 1997 (15.05.1997)** (33) DE
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **G01N 25/18**
 (54) ● SENSOR FOR DETERMINING MOISTURE CONTENT
 ● DETECTEUR POUR DETERMINER LA TENEUR EN HUMIDITE
 (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) **KERSJES, Ralf** [DE/DE]; Kammerstrasse 89, D-47057 Duisburg (DE). **MOKWA, Wilfried** [DE/DE]; Yorckstrasse 67, D-47800 Krefeld (DE).
 (74) **SCHOPPE, Fritz**; Schoppe & Zimmermann, Postfach 71 08 67, D-81458 München (DE).
 (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/52028** (13) A1

- (21) PCT/IB98/00696
 (22) **11 May/mai 1998 (11.05.1998)**
 (25) en (26) en
 (31) 1118/97 (32) **13 May/mai 1997 (13.05.1997)** (33) CH
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **G01N 27/00**
 (54) ● PROCESS AND DEVICE FOR THE DETECTION AND THE QUANTITATIVE ANALYSIS OF VOLATILE SUBSTANCES
 ● PROCEDE ET DISPOSITIF POUR LA DETECTION ET L'ANALYSE QUANTITATIVE DE SUBSTANCES VOLATILES
 (71) **TRANSDIFFUSIA S.A.** [CH/CH]; 7, avenue Krieg, CH-1208 Geneva (CH).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **LAMARTINE, Roger** [FR/FR]; 166, avenue Roger Salengro, F-69100 Villeurbanne (FR). **COLÉMAN, Anthony** [FR/FR]; Université Claude Bernard, 43, boulevard du 11 Novembre 1918, F-69622 Villeurbanne (FR). **GORELOFF, Philippe** [FR/FR]; 16, avenue Pasteur, F-01700 Saint Maurice de Beynost (FR). **CHOQUARD, Philippe** [CH/CH]; 23, chemin de la Gradelle, CH-1223 Cologny (CH). **MARCILLAC, Arnold** [FR/FR]; 3, route du Port, F-01150 Saint Sorlin en Bugey (FR). **MARTELIN, Yvon** [FR/FR]; 8, chemin des Bottes, F-01700 Saint Maurice de Beynost (FR).
 (74) **MOHNHAUPT, Dietrich**; IPTO S.A., 8, route de la Fonderie, CH-1705 Fribourg (CH).

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

(11) **WO 98/52029** (13) A1

- (21) PCT/US98/09674
 (22) **12 May/mai 1998 (12.05.1998)**

- (25) en (26) en
 (31) 08/854,377 (32) **12 May/mai 1997 (12.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **G01N 27/00**
 (54) ● METHOD/APPARATUS FOR CELL DIFFERENTIATION MEASURING CELL SIZE, MEMBRANE INTEGRITY, INTRACELLULAR COMPLEXITY
 ● PROCEDE/APPAREIL DE DIFFERENCIATION CELLULAIRE SERVANT A MESURER LA TAILLE DES CELLULES, L'INTEGRITE DES MEMBRANES ET LA COMPLEXITE INTRACELLULAIRE
 (71) **CDC TECHNOLOGIES, INC.** [US/US]; One Great Hill Road, Oxford, CT 06478 (US).
 (72) **CARVER, Edward, L., Jr.**; 18 Lisa Drive, Oxford, CT 06478 (US). **DECAVA, David, C.**; 35 Sioux Drive, Oxford, CT 06478 (US).
 (74) **GIARRATANA, Mark, D.** et al. / etc.; McCormick, Paulding & Huber LLP, CityPlace II, 185 Asylum Street, Hartford, CT 06103-4102 (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 98/52030** (13) A1

- (21) PCT/DE98/01342
 (22) **14 May/mai 1998 (14.05.1998)**
 (25) de (26) de
 (31) 197 20 332.9 (32) **15 May/mai 1997 (15.05.1997)** (33) DE
 (31) 197 51 424.3 (32) **20 Nov/nov 1997 (20.11.1997)** (33) DE
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **G01N 27/407**
 (54) ● SENSOR ELEMENT SEAL FOR A GAS SENSOR
 ● JOINT D'ELEMENT DETECTEUR POUR UN DETECTEUR DE GAZ
 (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) **WEYL, Helmut** [DE/DE]; Peter-von-Koblenz-Strasse 34, D-71701 Schwieberdingen (DE). **WEHRMANN, Johann** [DE/DE]; Schwarenbegstrasse 172, D-70184 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).

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(11) **WO 98/52031** (13) A1

- (21) PCT/US98/10004
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 (25) en (26) en
 (31) 60/046,349 (32) **13 May/mai 1997 (13.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **G01N 27/447, 27/26**
 (54) ● GEL CASTING AND ELECTROPHORESIS DEVICE
 ● DISPOSITIF DE COULAGE DE GEL ET D'ELECTROPHORESE

(71) **HOEFER PHARMACIA BIOTECH, INC.** [US/US]; 654 Minnesota Street, San Francisco, CA 94407 (US).

(72) **LAU, Timothy, O.**; 224 Muscat Court, Fremont, CA 94539 (US). **STEINER, Urs**; 784 Pear Avenue, Sunnyvale, CA 94087 (US). **COATES, Eric**; 1508 Dolores Street, San Francisco, CA 94110 (US). **ACAMPORA, Thomas, S.**; Apartment 5, 770 Northrup Street, San Jose, CA 95126 (US).

(74) **BEUERLE, Stephen, C.** et al. / etc.; Lyon & Lyon LLP, Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071-2066 (US).

(81) AU 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 98/52032** (13) A1

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(31) 97201471.6 (32) **15 May/mai 1997 (15.05.1997)** (33) EP

(34) DE et al. / etc.

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01N 29/04, 29/20, 29/10**

(54) ● METHOD FOR RESIDUAL STRESS MEASURING
● PROCEDE DE MESURE DE CONTRAINTES RESIDUELLES

(71) **HOOGOVENS ALUMINIUM WALZPRODUKTE GMBH** [DE/DE]; Carl-Spaeter-Strasse 10, D-56070 Koblenz (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HASZLER, Alfred, Johann, Peter** [AT/DE]; Auf'm Gräberich 31, D-56179 Vallendar (DE). **GHAZIARY, Hormoz** [US/US]; 15265 Winchester Boulevard 10W, Los Gatos, CA 95030 (US).

(74) **HANSEN, Willem, Joseph, Maria**; 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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(31) 08/856,112 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(31) 08/856,113 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(31) 08/856,114 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(31) 08/856,115 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01N 29/10, B60B 1/08, G01V 1/44**

(54) ● APPARATUS, SYSTEM AND METHOD FOR PROCESSING ACOUSTIC SIGNALS TO IMAGE BEHIND REFLECTIVE LAYERS

● APPAREIL, SYSTEME ET PROCEDE DE TRAITEMENT DE SIGNAUX ACOUSTIQUES PERMETTANT DE FORMER DES IMAGES DE REGIONS SITUÉES A L'ARRIERE DE COUCHES REFLECHISSANTES

(71) **GAS RESEARCH INSTITUTE** [US/US]; 8600 West Bryn Mawr Avenue, Chicago, IL 60631-3562 (US).

(72) **BIRCHARK, James, R.**; 3902 Cypressdale, Spring, TX 77388 (US). **MANDAL, Batakri-shna**; 4222 Bluewater Drive, Missouri City, TX 77459 (US). **MASINO, James, E.**; 423 Ramblewood Park, Houston, TX 77094 (US). **MINEAR, John, W.**; 13892 Hollowgreen Drive, Houston, TX 77082 (US). **RITTER, Thomas, E.**; 24719 Mt. Auburn, Katy, TX 77494 (US).

(74) **KINNE, Charles, C.** et al. / etc.; Speckman Pauley Peterson & Fejer, Suite 365, 2800 West Higgins Road, Hoffman Estates, IL 60195 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/52034** (13) A1

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(31) 08/857,024 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01N 30/32, F04B 19/24, F04F 1/04**

(54) ● THERMAL EXPANSION PUMP FOR PULSE-FREE LIQUID FLOW
● POMPE A EXPANSION THERMIQUE POUR ECOULEMENT DE LIQUIDE SANS IMPULSION

(71) **BIO-RAD LABORATORIES, INC.** [US/US]; P.O. Box 5340, Hercules, CA 94547 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HJERTEN, Stellan** [SE/SE]; Langvagen 7B, S- Uppsala (SE). **ERICSON, Christer** [SE/SE]; Studentvagen 17, S-752 34 Uppsala (SE).

(74) **HEINES, M., Henry** 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 98/52035** (13) A1

(21) PCT/US97/07149

(22) **12 May/mai 1997 (12.05.1997)**

(25) en (26) en

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01N 31/22, C12Q 1/04**

(54) ● TIME INDICATOR BASED ON CARBON DIOXIDE PRODUCTION

● INDICATEUR DE TEMPS EN FONCTION DE LA PRODUCTION DE DIOXYDE DE CARBONE

(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) **IGNACIO, Ramon, T.** [US/US]; 21 Campbell Road, Somerville, NJ 08876 (US).

(74) **UBEL, F., Andrew** et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

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

(11) **WO 98/52036** (13) A1

(21) PCT/EP98/02834

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 97/05762 (32) **12 May/mai 1997 (12.05.1997)** (33) FR

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01N 33/00**

(54) ● METHOD AND SENSOR SYSTEM FOR DETERMINING A CONCENTRATION OF A CHEMICAL SPECIES

● PROCEDE ET SYSTEME DE CAPTEUR POUR DETERMINER UNE CONCENTRATION D'UNE ESPECE CHIMIQUE

(71) **MOTOROLA SEMICONDUCTEURS S.A.** [FR/FR]; Centre Electronique de Toulouse, Avenue Général Eisenhower, F-31023 Toulouse Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BENDHIA, Karim** [FR/FR]; Bâtiment 2, Résidence des Chaumes, F-31520 Ramonville (FR). **MNIE, Kais** [FR/FR]; Appartement 5, 5, avenue Tolosane, F-31520 Ramonville (FR). **PATISSIER, Bruno** [FR/FR]; 49, rue du Stade, F-31270 Cugnaux (FR). **PEYRE LAVIGNE, André** [FR/FR]; 15, avenue del RIU, F-31120 Lacroix Falgarde (FR). **SUEBE, Alain** [FR/FR]; 46, rue des Saules, F-31830 Plaisance du Touch (FR).

(74) **GIBSON, Sarah** et al. / etc.; Motorola Intellectual Property Operations, Midpoint, Alencon Link, Basingstoke, Hampshire RG21 7PL (GB).

(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 98/52037** (13) A1

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(31) 9709840.4 (32) **15 May/mai 1997 (15.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01N 33/02**

- (54) ● ASSESSMENT OF THE CONDITION OF FRUIT AND VEGETABLES
● SYSTEME POUR EVALUER L'ETAT D'UN FRUIT OU D'UN LEGUME
- (71) **SINCLAIR INTERNATIONAL LIMITED** [GB/GB]; Jarrold Way, Bowthorpe, Norwich, Norfolk NR5 9JD (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BRIGGS, Peter, David, Sinclair** [GB/GB]; 80 Taverham Road, Norwich NR8 6SB (GB).
- (74) **HILL, Richard** et al. / etc.; Wilson Gunn M'Caw, 41-51 Royal Exchange, Cross Street, Manchester M2 7BD (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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(25) en (26) en
(31) 60/046,768 (32) **16 May/mai 1997 (16.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **G01N 33/50, 33/68**

- (54) ● THE USE OF A BONE MORPHOGENETIC PROTEIN (BMP) RECEPTOR COMPLEX FOR SCREENING
● UTILISATION D'UN COMPLEXE RECEPTEUR DE PROTEINE MORPHOGENETIQUE OSSEUSE (BMP) A DES FINS DE SELECTION

(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) **ROSENBAUM, Jan, Susan** [US/US]; 7781 Bannington Drive, Cincinnati, OH 45241-3636 (US).

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

(81) AU CA IL JP NO 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 98/52039** (13) A1
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(25) ja (26) ja
(31) 9/125375 (32) **15 May/mai 1997 (15.05.1997)** (33) JP
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **G01N 33/53, 33/543, B01D 15/00, B01J 20/26**

- (54) ● METHOD FOR SEPARATING CELLS
● PROCEDE DE SEPARATION DE CELLULES

(71) **BIO QUEST RESEARCH, LTD.** [JP/JP]; 22-8, Dogenzaka 1-chome, Shibuya-ku, Tokyo 150-0043 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GOTO, Mitsuaki** [JP/JP]; Crescent Futakotamagawa 3-404, 24-1, Futako 3-chome, Takatsu-ku, Kawasaki-shi, Kanagawa 213-0002 (JP). **YAMADA, Izumi** [JP/JP]; 15-3-2F, Daita 6-chome, Setagaya-ku, Tokyo 155-0033 (JP).

(74) **OMATA, Yukio**; Nakagin-Shiroyama Building, 4th floor, 16-13, Ginza 8-chome, Chuo-ku, Tokyo 104-0061 (JP).

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

(11) **WO 98/52040** (13) A1
(21) PCT/US98/09774
(22) **14 May/mai 1998 (14.05.1998)**
(25) en (26) en
(31) 08/857,941 (32) **16 May/mai 1997 (16.05.1997)** (33) US
(31) 08/976,031 (32) **21 Nov/nov 1997 (21.11.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **G01N 33/533, 33/566, 33/569**

- (54) ● LIGAND-AMINODEXTRAN-MARKER CONJUGATES AND USES THEREOF
● CONJUGUES DE LIGAND-DEXTRANE AMINE-MARQUEUR ET LEURS UTILISATIONS

(63) US 08/976,031 (CIP)
21 Nov/nov 1997 (21.11.1997)

(71) **COULTER INTERNATIONAL CORP.** [US/US]; 11800 S.W. 147 Avenue, Mail Code 32-A02, Miami, FL 33196 (US).
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(72, 75) **SIIMAN, Olavi** [CA/US]; 15920 Cobblestone Court, Davie, FL 33331 (US). **BURSHTEYN, Alexander** [US/US]; 6192 W. 26 Court, Hialeah, FL 33016 (US). **MYLVAGANAM, Ravindra** [US/US]; 9810 N.W. 35th Street, Hollywood, FL 33024 (US). **RAYNOR, Robert** [US/US]; 4073 Trenton Avenue, Cooper City, FL 33026 (US). **ROTH, Patricia** [US/US]; 11979 N.W. 12 Street, Pembroke Pines, FL 33026 (US). **SMITH, Cecilia** [US/US]; 11022 S.W. 147 Place, Miami, FL 33196 (US). **WILKINSON, Julie** [US/US]; 49 Whitehead Circle, Weston, FL 33326 (US).

(74) **KURZ, Warren, W.** et al. / etc.; Coulter International Corp., Mail Code 32-A02, P.O. Box 169015, Miami, FL 33116-9015 (US).

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

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(31) 60/046,467 (32) **14 May/mai 1997 (14.05.1997)** (33) US
(31) 60/047,081 (32) **19 May/mai 1997 (19.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **G01N 33/543, 33/72, 33/68**

(54) ● RAPID EVALUATION OF THE RATIO OF BIOLOGICAL MOLECULES

- EVALUATION RAPIDE D'UNE PROPORTION DE MOLECULES BIOLOGIQUES

(71) **BIOSITE DIAGNOSTICS INCORPORATED** [US/US]; Suite D, 11030 Roselle Street, San Diego, CA 92121 (US).

(72) **BUECHLER, Kenneth, F.**; 12523 Manifesto Place, San Diego, CA 92130 (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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/52042** (13) A1
(21) PCT/US98/09838
(22) **13 May/mai 1998 (13.05.1998)**
(25) en (26) en
(31) 08/856,822 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **G01N 33/543**

- (54) ● MOLECULAR WIRE INJECTION SENSORS
● CAPTEURS A INJECTION DE FILS MOLECULAIRES

(71) **KEENSENSE, INC.** [US/US]; Suite G, 4186 Sorrento Valley Boulevard, San Diego, CA 92121-1414 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KEEN, Randy, E.** [US/US]; 8459 Westmore Road, No. 58, San Diego, CA 92126-5312 (US).

(74) **WEAVER, Jeffrey, K.**; Beyer & Weaver, LLP, P.O. Box 61059, 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 GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/52043** (13) A1
(21) PCT/US98/09945
(22) **15 May/mai 1998 (15.05.1998)**
(25) en (26) en
(31) 08/857,440 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **G01N 33/543**

- (54) ● MAGNETICALLY ASSISTED BINDING ASSAYS UTILIZING A MAGNETICALLY RESPONSIVE REAGENT

- ESSAIS DE LIAISON PAR PROCÉDE MAGNETIQUE METTANT EN ŒUVRE UN REACTIF A REPONSE MAGNETIQUE
- (71) **ABBOTT LABORATORIES** [US/US]; CHAD 0377/AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-3500 (US).
- (72) **ROHR, Thomas, E.**; 985 Ferndale Avenue, Gurnee, IL 60031 (US). **ELSTROM, Tuan, A.**; 12780 W. Sanctuary Lane, Lake Bluff, IL 60044 (US). **HOWARD, Lawrence, V.**; 800 Dawes Street, Libertyville, IL 60048 (US). **SHAIN, Eric, B.**; 459 Grove Street, Glencoe, IL 60022 (US).
- (74) **WEINSTEIN, David, L.** 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).

Published / Publiée : (c)

- (11) **WO 98/52044** (13) A1
- (21) PCT/GB98/01412
- (22) **15 May/mai 1998 (15.05.1998)**
- (25) en (26) en
- (31) 9709821.4 (32) **15 May/mai 1997 (15.05.1997)** (33) GB
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **G01N 33/558**
- (54) ● IMMUNOASSAY APPARATUS FOR DIAGNOSIS
● APPAREIL DE DOSAGE IMMUNOLOGIQUE POUR DIAGNOSTIC
- (71) **CLINICAL DIAGNOSTIC CHEMICALS LIMITED** [GB/GB]; Unit 4, Cae Ffwrt Industrial Estate, Pendraw'r Llan, Glan Conwy LL28 5SP (GB). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **REES, John** [GB/GB]; 29 Plas Tudno, Llanudno LL30 3ER (GB).
- (74) **DAVIES, Gregory, Mark**; Urquhart-Dykes & Lord, Alexandra House, 1 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).

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- (11) **WO 98/52045** (13) A1
- (21) PCT/US97/08284
- (22) **14 May/mai 1997 (14.05.1997)**
- (25) en (26) en
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **G01N 33/558**
- (54) ● METHOD AND DEVICE FOR PRODUCING A PREDETERMINED DISTRIBUTION OF DETECTABLE CHANGE IN ASSAYS
● PROCÉDE ET DISPOSITIF POUR OBTENIR UNE REPARTITION PREDETERMINEE DE CHANGEMENTS DECELABLES DANS DES DOSAGES

- (71) **METRIKA LABORATORIES, INC.** [US/US]; 510 Oakmead Parkway, Sunnyvale, CA 94086 (US).
- (72) **BLATT, Joel, M.**; 890 Miranda Green, Palo Alto, CA 94306 (US). **ALLEN, Michael, P.**; 2213 Sierra Venture Drive, Los Altos, CA 94024 (US). **PATEL, Paul, J.**; 1035 Aster Avenue #2180, Sunnyvale, CA 94086 (US).
- (74) **GENS, Timothy, H.** et al. / etc.; Trial & Technology Law Group, Suite 220, 545 Middlefield Road, Menlo Park, CA 94025 (US).
- (81) AL AM AT AU AZ BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR 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 98/52046** (13) A1
- (21) PCT/JP98/02044
- (22) **8 May/mai 1998 (08.05.1998)**
- (25) ja (26) ja
- (31) 9/120533 (32) **12 May/mai 1997 (12.05.1997)** (33) JP
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **G01N 35/00, 35/02, 35/04**
- (54) ● INSPECTED ITEM PROCESSING SYSTEM
● SYSTEME DE TRAITEMENT D'ARTICLES INSPECTES
- (71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TOKIEDA, Hitoshi** [JP/JP]; Hitachi-wing 616, 11-1 Aobacho, Hitachinaka-shi, Ibaraki 312-0056 (JP). **IKEDA, Toshiyuki** [JP/JP]; 3381-24, Higashiishikawa, Hitachinaka-shi, Ibaraki 312-0052 (JP). **KODAMA, Ryuichiro** [JP/JP]; 3328-1, Nakane, Hitachinaka-shi, Ibaraki 312-0011 (JP).
- (74) **TAKADA, Yukihiko** et al. / etc.; 1-48, Saiwai-cho 2-chome, Hitachi-shi, Ibaraki 317-0073 (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 98/52047** (13) A1
- (21) PCT/US98/09526
- (22) **14 May/mai 1998 (14.05.1998)**
- (25) en (26) en
- (31) 08/858,016 (32) **16 May/mai 1997 (16.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **G01N 35/00, 35/02, 35/04, C12M 1/00, G06F 17/00**
- (54) ● AUTOMATED ROBOTIC SYSTEM AND METHOD FOR RAPIDLY SCREENING AND IDENTIFYING USEFUL CHEMICALS IN LIQUID SAMPLES
● SYSTEME ROBOTIQUE AUTOMATISE ET PROCÉDE POUR CRIBLER ET IDENTIFIER RAPIDEMENT DES PRODUITS CHIMIQUES UTILES DANS DES ECHANTILLONS LIQUIDES

- (71) **AURORA BIOSCIENCES CORPORATION** [US/US]; 10010 Torreyana Road, San Diego, CA 92121 (US).
- (72) **STYLLI, Chari**; 3968 Del Mar Glen, San Diego, CA 92130 (US). **BECKEY, Samuel, S.**; 5265 Toscana Way #247, San Diego, CA 92122 (US). **SHUMATE, Christopher, Bentley**; 365 Bonair #12, La Jolla, CA 92037 (US). **COASSIN, Peter, J.**; 1301 Trabert Ranch Road, Encinitas, CA 92024 (US).
- (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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52048** (13) A1
- (21) PCT/EP98/02599
- (22) **2 May/mai 1998 (02.05.1998)**
- (25) de (26) de
- (31) 197 19 194.0 (32) **9 May/mai 1997 (09.05.1997)** (33) DE
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **G01P 1/00, 3/495**
- (54) ● GEARED MEASURING DEVICE, ESPECIALLY FOR A TACHOMETER OR A REVOLUTION COUNTER
● SYSTEME DE MESURE A ENGRENAGE, NOTAMMENT POUR TACHYMETRE OU COMPTE-TOURS
- (71) **MANNESMANN VDO AG** [DE/DE]; Kruppstrasse 105, D-60388 Frankfurt (DE).
- (72) **BECKHAUS, Christian**; Odenwaldstrasse 19, D-64297 Darmstadt (DE). **BLUME, Jochen**; Bachstrasse 6, D-64291 Darmstadt (DE). **HABERMANN, Manuela**; Bahnhofstrasse 11, D-64823 Groß-Umstadt (DE).
- (81) BR CN KR.

- (11) **WO 98/52049** (13) A1
- (21) PCT/US98/09256
- (22) **6 May/mai 1998 (06.05.1998)**
- (25) en (26) en
- (31) 08/854,975 (32) **13 May/mai 1997 (13.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **G01P 3/42, F02P 17/00**
- (54) ● GROUND PICK-UP TACHOMETER
● COMPTE-TOURS RELIE A LA MASSE
- (71) **SPX CORPORATION** [US/US]; 700 Terrace Point Drive, Muskegon, MI 49443-3301 (US).
- (72) **TORRE, Joseph, J.**; 8394 West G Avenue, Kalamazoo, MI 49009 (US). **NICHOLS, Steven, J.**; 4750 Briarhill Road, Kalamazoo, MI 49024 (US). **CARPENTER, Richard, W.**; 908 Campbell Street, Kalamazoo, MI 49006 (US).

- (74) **FAIRBAIRN, David, R.**; Kinney & Lange, P.A., Kinney & Lange Building, 312 South Third Street, Minneapolis, MN 55415-1002 (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 98/52050** (13) A1
 (21) PCT/SE98/00892
 (22) **13 May/mai 1998 (13.05.1998)**
 (25) sv (26) en
 (31) 9701801-4 (32) **13 May/mai 1997 (13.05.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01P 13/04**

- (54) ● FLOW INDICATOR
 ● INDICATEUR DE DEBIT

(71, 72) **NYBERG, Tor** [SE/SE]; Karlavägen 15, S-151 81 Lidingsö (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 98/52051** (13) A1
 (21) PCT/DE98/01068
 (22) **16 Apr/avr 1998 (16.04.1998)**
 (25) de (26) de
 (31) 197 19 779.5 (32) **10 May/mai 1997 (10.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01P 15/125**

- (54) ● ACCELERATION SENSOR
 ● CAPTEUR D'ACCELERATION

(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) **LAERMER, Franz** [DE/DE]; Witikoweg 9, D-70437 Stuttgart (DE). **ELSNER, Bernhard** [DE/DE]; Karl-Joss-Strasse 52, D-70806 Kornwestheim (DE). **FREY, Wilhelm** [DE/DE]; Sophienstrasse 13, D-70178 Stuttgart (DE).

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

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(11) **WO 98/52052** (13) A2
 (21) PCT/DE98/01327
 (22) **13 May/mai 1998 (13.05.1998)**
 (25) de (26) de
 (31) 197 20 010.9 (32) **13 May/mai 1997 (13.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01R 15/00**

- (54) ● MAGNET CORE

● NOYAU MAGNETIQUE

(71) **VACUUMSCHMELZE GMBH** [DE/DE]; Grüner Weg 37, D-63450 Hanau (DE).
 (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LENHARD, Friedrich** [DE/DE]; Brucknersstrasse 84, D-63452 Hanau (DE).

(74) **VACUUMSCHMELZE GMBH**; Epping, Wilhelm, Postfach 22 13 17, D-80503 München (DE).

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

(11) **WO 98/52053** (13) A1

(21) PCT/EP98/01244

(22) **5 Mar/mar 1998 (05.03.1998)**

(25) de (26) de

(31) 197 19 521.0 (32) **9 May/mai 1997 (09.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01R 15/04**

- (54) ● VOLTAGE DETECTOR FOR MEASUREMENT AND PROTECTION PURPOSES FOR USE IN MEDIUM-VOLTAGE SWITCH GEAR
 ● DETECTEUR DE TENSION S'UTILISANT A DES FINS DE MESURE ET DE PROTECTION POUR DES INSTALLATIONS DE DISTRIBUTION MOYENNE TENSION

(71) **FELTEN & GUILLEAUME ENERGIETECHNIK AKTIENGESELLSCHAFT** [DE/DE]; Schanzenstrasse 24, D-51063 Köln (DE).

(72) **DIRKS, Rolf**; Erlenweg 18, D-47877 Willich (DE).

(74) **HOHMANN, Heinz, H.**; Felten & Guillaume Energietechnik Aktiengesellschaft, Schanzenstrasse 24-30, D-51063 Köln (DE).

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

(11) **WO 98/52054** (13) A1

(21) PCT/DE98/01295

(22) **8 May/mai 1998 (08.05.1998)**

(25) de (26) de

(31) 297 08 694.4 (32) **15 May/mai 1997 (15.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01R 15/18, H01F 38/20, 38/32**

- (54) ● CURRENT TRANSFORMER FOR ALTERNATING CURRENT MEASUREMENTS IN THE LOW VOLTAGE RANGE
 ● TRANSFORMATEUR D'INTENSITE POUR MESURES DE COURANT ALTERNATIF DANS UN DOMAINE BASSE TENSION

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
 (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAIER, Reinhard** [DE/DE]; Anna-Herrmann-Strasse 54, D-91074 Herzogenaurach (DE). **ELISCHER, Werner** [DE/DE]; Andreas-Paulus-Strasse 65, D-91080 Spardorf (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 98/52055** (13) A1

(21) PCT/DE98/01219

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

(25) de (26) de

(31) 197 19 970.4 (32) **13 May/mai 1997 (13.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01R 15/24**

- (54) ● GENERATOR AND METHOD FOR MEASURING THE VOLTAGE OF SAME
 ● GENERATEUR ET METHODE DE MESURE D'UNE TENSION DE GENERATEUR

(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) **KLAAR, Jürgen** [DE/DE]; Haydnstrasse 13, D-47506 Neukirchen-Vluyn (DE).

(81) CN CZ HU JP KR 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 98/52056** (13) A1

(21) PCT/GB98/01326

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 9709306.6 (32) **9 May/mai 1997 (09.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01R 21/02, 22/04**

- (54) ● APPARATUS FOR THE MEASUREMENT OF MICROWAVE RADIATION
 ● APPAREIL DE MESURE DU RAYONNEMENT HYPERFREQUENCES

(71) **MATRA BAE DYNAMICS (UK) LIMITED** [GB/GB]; Six Hills Way, Stevenage, Hertfordshire SG1 2DA (GB).
 (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BUDD, Christopher** [GB/GB]; Matra Bae Dynamics (UK) Limited, P.O. Box 5, Filton, Bristol BS12 7QW (GB). **CHESTERFIELD, Stewart, Robert** [GB/GB]; Matra Bae Dynamics (UK) Limited, P.O. Box 5, Filton, Bristol BS12 7QW (GB).

(74) **ROONEY, Paul, Blaise**; British Aerospace plc, Group IP Dept., Farnborough Aerospace Centre, Lancaster House, P.O. Box 87, Farnborough, Hampshire GU14 6YU (GB).

(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 98/52057** (13) A1

(21) PCT/US98/09555

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

(25) en (26) en

(31) 08/857,322 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01R 21/133**

- (54) ● CONFIGURABLE ELECTRICITY METER
 ● COMPTEUR D'ELECTRICITE ADAPTABLE

- (71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).
- (72) **LAVOIE, Gregory, Paul**; 73 Brook Farm Village, Rochester, NH 03839 (US). **ELMORE, David, Dean**; 78 Stackpole Road, Somersworth, NH 03878 (US). **SCHMIDT, Larry, Alan**; 314 Rochester Hill Road #1D, Rochester, NH 03867 (US). **BULLOCK, Donald, Frank**; 6 Fern Way, Madbury, NH 03878 (US). **ROSENAU, Leslie, James**; 8 Crestview Drive, Dover, NH 03820 (US).
- (74) **STECKLER, Henry, I.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).
- (81) BR CN MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/52058** (13) A1

(21) PCT/GB98/01333

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 9709299.3 (32) **9 May/mai 1997 (09.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01R 22/04, 21/02**

- (54) ● MEASUREMENT OF MICROWAVE RADIATION
● MESURE DE RAYONNEMENT MICRO-ONDES

(71) **MATRA BAE DYNAMICS (UK) LIMITED** [GB/GB]; Six Hills Way, Stevenage, Hertfordshire SG1 2DA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BUDD, Christopher** [GB/GB]; Matra BAE Dynamics (UK) Limited, P.O. Box 5, Filton, Bristol BS12 7QW (GB). **CHESTERFIELD, Stewart, Robert** [GB/GB]; Matra BAE Dynamics (UK) Limited, P.O. Box 5, Filton, Bristol BS12 7QW (GB).

(74) **ROONEY, Paul, Blaise**; British Aerospace plc, Group IP Dept., Lancaster House, P.O. Box 87, Farnborough Aerospace Centre, Farnborough, Hampshire GU14 6YU (GB).

(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 98/52059** (13) A1

(21) PCT/SE98/00853

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 9701849-3 (32) **16 May/mai 1997 (16.05.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01R 31/00, H05K 13/00**

- (54) ● CIRCUIT HANDLING METHOD AND APPARATUS
● PROCEDE ET APPAREIL DE MANIPULATION DE CIRCUITS

(71) **CETELAB AB** [SE/SE]; Jägerhorns väg 1, S-141 75 Huddinge (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GUSTAFSSON, Anders** [SE/SE]; Hedenhösvägen 4, S-141 33 Huddinge (SE).

(74) **SÄFWENBERG, Björn** et al. / etc.; Axel Ehrners Patentbyrå AB, P.O. Box 10316, S-100 55 Stockholm (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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/US98/09466

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 08/857,606 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01R 31/14, G08B 21/00**

- (54) ● WRIST STRAP TEST MODE CIRCUITRY
● CIRCUITS AVEC MODE TEST SUR BANDE BRACELET

(71) **NORTHROP GRUMMAN CORPORATION** [US/US]; 1840 Century Park East, Los Angeles, CA 90067-2199 (US).

(72) **PHORIBNLI, Walter, J.**; 336 S. Royal Court, Palatine, IL 60067 (US). **GUTHRIE, Warren, E.**; ON654 Woodlawn, Wheaton, IL 60187 (US). **TRAINOR, Michael, J.**; 551 Hellen Road, Palatine, IL 60067 (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).

Published / Publiée : (b)

(11) **WO 98/52061** (13) A1

(21) PCT/GB98/01298

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

(25) en (26) en

(31) 9709603.6 (32) **12 May/mai 1997 (12.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01R 31/36, G01D 4/00**

- (54) ● BATTERY MONITORING IN METERING SYSTEMS
● SYSTEME DE CONTROLE DE BATTERIE DANS DES INSTALLATIONS DE COMPTAGE

(71) **LG (UK) LTD.** [GB/GB]; Hortonwood 30, Telford, Shropshire TF1 4ET (GB).
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(72, 75) **DUJON, Gregory, Francis** [GB/GB]; 61 Fountain Fold, Gnosall, Staffordshire ST20 0DR (GB).

(74) **PRATT, Richard, Wilson**; D Young & Co., 21 New Fetter Lane, London EC4A 1DA (GB).

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

(11) **WO 98/52062** (13) A1

(21) PCT/EP98/02794

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

(25) de (26) de

(31) 197 20 379.5 (32) **15 May/mai 1997 (15.05.1997)** (33) DE

(31) 198 02 487.8 (32) **23 Jan/jan 1998 (23.01.1998)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01R 31/38**

- (54) ● MEASURING DEVICE FOR ELECTRICALLY DECOUPLED FUNCTION TESTING OF WORKING SYSTEMS

- DISPOSITIF DE MESURE POUR LE CONTROLE ELECTRIQUEMENT DECOUPLE DU FONCTIONNEMENT DE SYSTEMES EN MARCHE

(71) **DAIMLER-BENZ AKTIENGESELLSCHAFT** [DE/DE]; Epplestrasse 225, D-70546 Stuttgart (DE).

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(72, 75) **BRÖHAN, Dirk** [DE/DE]; Heinrich-Küderli-Strasse 5/2, D-71332 Waiblingen (DE). **WELTER, Lothar** [DE/DE]; Im Schafhof 2, D-73760 Ostfildern (DE). **SCHENK, Jürgen** [DE/DE]; Wolfhaldenweg 2/3, D-73095 Albershausen (DE).

(74) **DAHMEN, Toni** et al. / etc.; Daimler-Benz Aktiengesellschaft, FTP/S - C 106, D-70546 Stuttgart (DE).

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

Published / Publiée : (c)

(11) **WO 98/52063** (13) A1

(21) PCT/GB98/01357

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(25) en (26) en

(31) 9709710.9 (32) **13 May/mai 1997 (13.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01R 33/04**

- (54) ● CONDITIONER CIRCUIT FOR TORQUE SENSOR
● CIRCUIT DE CONDITIONNEMENT DESTINE A UN CAPTEUR DE COUPLE

(71, 72) **MAY, Lutz, Axel** [DE/GB]; 3 The Grange, Newbury, Berkshire RG14 6RJ (GB).

(72, 75) **BROKAW, Adrian, Paul** [US/US]; 81 Macon Road, Burlington, MA 01803 (US).

(74) **LLOYD WISE, TREGEAR & CO.**; Commonwealth House, 1-19 New Oxford Street, London WC1A 1LW (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 98/52064** (13) A1

(21) PCT/US98/09942

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

- (25) en (26) en
 (31) 08/856,894 (32) **15 May/mai 1997** (33) US
 (15.05.1997)
 (31) 08/857,043 (32) **15 May/mai 1997** (33) US
 (15.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01R 33/28**

- (54) ● METHOD AND APPARATUS FOR TARGETED DRUG DELIVERY INTO A LIVING PATIENT USING MAGNETIC RESONANCE IMAGING
 ● PROCÉDE ET APPAREIL D'ADMINISTRATION CIBLÉE DE MÉDICAMENT A UN PATIENT, METTANT EN ŒUVRE UNE IMAGERIE PAR RÉSONANCE MAGNÉTIQUE

(63) US 08/856,894 (CIP)
 15 May/mai 1997 (15.05.1997)
 US 08/857,043 (CIP)
 15 May/mai 1997 (15.05.1997)

(71) **REGENTS OF THE UNIVERSITY OF MINNESOTA** [US/US]; Morrill Hall, 100 Church Street S.E., Minneapolis, MN 55455 (US).
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(74) **VIKSINIS, Ann, S.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, 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 98/52065** (13) A1

(21) PCT/DE98/01337

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

(25) de (26) de

(31) 197 20 438.4 (32) **15 May/mai 1997** (33) DE
 (15.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01R 33/561**

(54) ● METHOD AND DEVICE FOR OBTAINING DATA FOR MAGNETIC RESONANCE IMAGING

● PROCÉDE ET DISPOSITIF POUR L'OBTENTION DE DONNÉES POUR L'IMAGERIE PAR RÉSONANCE MAGNÉTIQUE

(71) **MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V., BERLIN** [DE/DE]; Hofgartenstrasse 2, D-80539 München (DE).
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(72, 75) **NORRIS, David** [GB/DE]; Coppistrasse 87, D-04157 Leipzig (DE). **JOVICICH, Jorge** [AR/DE]; Lamprechtstrasse 8, D-04318 Leipzig (DE).

(74) **KÖNIG, Beate** et al. / etc.; Morassistrasse 8, D-80469 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 98/52066** (13) A1

(21) PCT/US97/08758

(22) **16 May/mai 1997** (16.05.1997)

(25) en (26) en

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01S 13/58**

(54) ● BALLISTIC PROJECTILE TRAJECTORY DETERMINING SYSTEM
 ● SYSTÈME DE DÉTERMINATION DE LA TRAJECTOIRE DE PROJECTILE BALLISTIQUE

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 22nd floor, 300 Lakeside, Oakland, CA 94612 (US).

(72) **KARR, Thomas, J.**; 212 Austin Lane, Alamo, CA 94507 (US).

(74) **SARTORIO, Henry, P.**; P.O. Box 808, L-703, Livermore, CA 94550 (US).

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

(11) **WO 98/52067** (13) A2

(21) PCT/DE98/00790

(22) **17 Mar/mar 1998** (17.03.1998)

(25) de (26) de

(31) 197 19 519.9 (32) **9 May/mai 1997** (33) DE
 (09.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01S 15/00**

(54) ● MODULAR DEVICE TO BE INSERTED INTO A VEHICLE BUMPER
 ● DISPOSITIF A MODULE A INSERER DANS UN PARE-CHOC DE VEHICULE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
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(72, 75) **KARR, Dieter** [DE/DE]; Mörikestrasse 10, D-75233 Tiefenbronn (DE). **FEHSE, Meike** [DE/DE]; Heinrich-Laengerer 16, D-71229 Leonberg (DE). **NOLL, Martin** [DE/DE]; Hauptstrasse 43, D-76461 Muggensturm (DE). **RAPPS, Peter** [DE/DE]; Am Pfanztor 11, D-76227 Karlsruhe (DE). **ERNST, Waldemar** [DE/DE]; Ziegelgartenstrasse 23, D-71665 Vaihingen (DE).

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

(11) **WO 98/52068** (13) A1

(21) PCT/EP98/02771

(22) **12 May/mai 1998** (12.05.1998)

(25) de (26) de

(31) 297 08 338.4 (32) **12 May/mai 1997** (33) DE
 (12.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01S 15/89, B06B 1/06**

(54) ● MULTIFREQUENCY ULTRASOUND PROBE

● SONDE A ULTRASONS MULTIFREQUENCE

(71) **DWL ELEKTRONISCHE SYSTEME GMBH** [DE/DE]; Längerach 4, D-78354 Sipplingen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRUCHER, Rainer** [DE/DE]; Nägelesberg 8, D-89173 Lonsee (DE). **WIEST, Achim** [DE/DE]; Schreibersbildstrasse 1, D-88662 Überlingen (DE). **WIDENHORN, Gerold** [DE/DE]; Auf Imber 2, D-88662 Überlingen (DE).

(74) **BEHRMANN, Niels** et al. / etc.; Hiebsch Peege Behrmann, Heinrich-Weber-Platz 1, D-78224 Singen (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 98/52069** (13) A1

(21) PCT/US98/09921

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

(25) en (26) en

(31) 60/046,774 (32) **16 May/mai 1997** (33) US
 (16.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01T 1/164, 1/29**

(54) ● METHOD FOR IMPROVING THE SPATIAL RESOLUTION OF A COMPTON CAMERA
 ● PROCÉDE D'AMÉLIORATION DE LA RÉOLUTION SPATIALE D'UNE CAMERA COMPTON

(71) **UNIVERSITY OF MICHIGAN** [US/US]; Room 0552, 3480 Kresge III, Ann Arbor, MI 48109 (US).
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(72, 75) **CLINTHORNE, Neal, H.** [US/US]; 1600 Dexter Avenue, Ann Arbor, MI 48103 (US).

(74) **JASKOLSKI, Michael, A.**; Quarles & Brady, 411 East Wisconsin Avenue, Milwaukee, WI 53202-4497 (US).

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

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(11) **WO 98/52070** (13) A1

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

(25) de (26) de

(31) 197 19 954.2 (32) **14 May/mai 1997** (33) DE
 (14.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01T 1/29**

(54) ● METHOD AND DEVICE FOR READING AND PROCESSING A RADIATION IMAGE
 ● PROCÉDE DISPOSITIF POUR LA LECTURE ET LE TRAITEMENT D'UNE IMAGE RADIOLOGIQUE

(71, 72) **STEINER, Christof** [DE/DE]; Oberfeldstrasse 3A, D-76275 Ettlingen (DE).

(72, 75) **OCHS, Rainer** [DE/DE]; Laienbergstrasse 43, D-75323 Bad Wildbad (DE). **BURMESTER, Christoph** [DE/DE]; Wiesenweg 3, D-65812 Bad Soden (DE).

(74) **PFIZ, Thomas** et al. / etc.; Wolf & Lutz, Hauptmannsreute 93, D-70193 Stuttgart (DE).

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

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(11) **WO 98/52071** (13) A1

(21) PCT/GB98/01398

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

(25) en (26) en

(31) 9709817.2 (32) **15 May/mai 1997 (15.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01T 1/29, 7/00**

(54) ● IMPROVEMENTS IN AND RELATING TO MONITORING

● PERFECTIONNEMENTS RELATIFS A LA DOSIMETRIE

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

(72, 75) **LIGHTFOOT, John, Adrian** [GB/GB]; BNFL Instruments Limited, Pelham House, Calderbridge, Cumbria CA20 1DP (GB). **HUGHES, Karl, Anthony** [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 98/52072** (13) A1

(21) PCT/CA98/00482

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

(25) en (26) en

(31) 60/046,613 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(31) 09/075,968 (32) **11 May/mai 1998 (11.05.1998)** (33) US

(31) 2,238,585 (32) **15 May/mai 1998 (15.05.1998)** (33) CA

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01V 1/00**

(54) ● SEISMIC DATA ACQUISITION SYSTEM

● SYSTEME D'ACQUISITION DE DONNEES SISMQUES

(71) **GEO-X SYSTEMS LTD.** [CA/CA]; 900, 425 – First Street S.W., Calgary, Alberta T2P 3L8 (CA).

(72) **HARMON, Jerald, L.**; 1315 Meadowlark Lane, Sugar Land, TX 77478 (US).

(74) **DEETH, Douglas, N.**; 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 CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/52073** (13) A2

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(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 08/855,911 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G01V 3/02**

(54) ● PORTABLE FLUID SCREENING DEVICE AND METHOD

● PROCEDE ET DISPOSITIF PORTABLE SERVANT A ANALYSER UN FLUIDE

(71) **REID ASSET MANAGEMENT COMPANY** [US/US]; 34900 Chardon Road, Willoughby Hills, OH 44094 (US).

(72) **CHEIKY-ZELINA, Margaret, A.**; 2193 West Boulevard, Cleveland, OH 44125 (US). **BUSH, Wayne, A.**; 143 Billiar Street, Wooster, OH 44691 (US).

(74) **SARALINO, Mark, D.**; Renner, Otto, Boisselle & Sklar, The Keith Building, 19th floor, 1621 Euclid Avenue, Cleveland, OH 44115 (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 98/52074** (13) A1

(21) PCT/JP98/02177

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

(25) ja (26) ja

(31) 9/143173 (32) **16 May/mai 1997 (16.05.1997)** (33) JP

(31) 9/143175 (32) **16 May/mai 1997 (16.05.1997)** (33) JP

(31) 9/143180 (32) **16 May/mai 1997 (16.05.1997)** (33) JP

(31) 9/173096 (32) **13 Jun/juin 1997 (13.06.1997)** (33) JP

(31) 9/173098 (32) **13 Jun/juin 1997 (13.06.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G02B 1/11, G02C 7/02, B32B 7/02, C23C 14/34, 14/08, B32B 9/00**

(54) ● PLASTIC OPTICAL COMPONENT HAVING A REFLECTION PREVENTION FILM AND MECHANISM FOR MAKING REFLECTION PREVENTION FILM THICKNESS UNIFORM

● COMPOSANT OPTIQUE EN PLASTIQUE POURVU D'UNE PELLICULE EMPECHANT LA REFLEXION ET MECANISME SERVANT A UNIFORMISER L'EPAISSEUR DE CETTE PELLICULE

(71) **HOYA KABUSHIKI KAISHA** [JP/JP]; 7-5, Naka-Ochiai 2-chome, Shinjuku-ku, Tokyo 161-8525 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

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(74) **TAMIYA, Hiroshi**; 705 Ikebukuro White House Building, 20-2, Higashi Ikebukuro 1-chome, Toshima-ku, Tokyo 170-0013 (JP).

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

(11) **WO 98/52075** (13) A1

(21) PCT/JP98/02178

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

(25) ja (26) ja

(31) 9/143178 (32) **16 May/mai 1997 (16.05.1997)** (33) JP

(31) 9/143179 (32) **16 May/mai 1997 (16.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G02B 1/11, 1/10, G02C 7/02, C23C 14/24**

(54) ● MECHANISM FOR IMPARTING WATER REPELLENCY TO BOTH SIDES SIMULTANEOUSLY

● MECANISME SERVANT A RENDRE HYDROPHOBES DEUX COTES SIMULTANEMENT

(71) **HOYA KABUSHIKI KAISHA** [JP/JP]; 7-5, Naka-Ochiai 2-chome, Shinjuku-ku, Tokyo 161-8525 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

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(74) **TAMIYA, Hiroshi**; 705 Ikebukuro White House Building, 20-2, Higashi Ikebukuro, 1-chome, Toshima-ku, Tokyo 170-0013 (JP).

(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 98/52076** (13) A1

(21) PCT/US97/08122

(22) **15 May/mai 1997 (15.05.1997)**

(25) en (26) en

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G02B 3/04, 3/08, 5/18, 5/32, 9/04, 9/12, 11/02, 11/08, 13/04, 13/24**

(54) ● WIDE ANGLE LARGE APERTURE IMAGING LENS

● OBJECTIF GRAND ANGULAIRE A GRANDE OUVERTURE POUR L'IMAGERIE

(71, 72) **PECK, William, G.** [US/US]; 13640 Gannet Drive, Ft. Myers, FL 33908 (US).

(74) **STONE, Hoffman**; 1600 Midtown Tower, Rochester, NY 14604 (US).

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

(11) **WO 98/52077** (13) A1

(21) PCT/IB98/00687

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 1082/97 (32) **9 May/mai 1997 (09.05.1997)** (33) CH

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G02B 5/30**

(54) ● OPTICAL ELEMENT

● ELEMENT OPTIQUE

(71) **ROLIC AG** [CH/CH]; Innere Güterstrasse 2, CH-6301 Zug (CH).
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(72, 75) **SCHADT, Martin** [CH/CH]; Liestalerstrasse 77, CH-4411 Seltisberg (CH). **SEIBERLE, Hubert** [DE/DE]; Bodenseestr. 1, D-79576 Weil am Rhein (DE).

(74) **NEVILLE, Peter, Warwick**; 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 98/52078** (13) A1

(21) PCT/US98/09822

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

(25) en (26) en

(31) 08/857,550 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G02B 6/02, F21V 7/04**

(54) ● LINEAR LIGHT FORM WITH MULTI-LAYERED JACKETING

● FORME LUMINEUSE LINEAIRE A ENVELOPPE MULTICOUCHE

(71) **LUMENYTE INTERNATIONAL CORPORATION** [US/US]; 350 Lear Avenue, Costa Mesa, CA 92626 (US).
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(72, 75) **ZARIAN, James, R.** [US/US]; 2707 Blue Water Drive, Corona Del Mar, CA 92625 (US). **WHITAKER, Gregg, S.** [US/US]; 1501 Bayadere Terrace, Corona Del Mar, CA 92625 (US). **ROBBINS, John, A.** [US/US]; 24722 Eldamar Street, El Toro, CA 92630 (US). **ROBBINS, Paul, E.** [US/US]; 28071 Gallina Street, Mission Viejo, CA 92692 (US).

(74) **COX, Donald, J., Jr.** et al. / etc.; Small Larkin & Kidde, LLP, 18th floor, 10940 Wilshire Boulevard, Los Angeles, CA 90024-3945 (US).

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

(11) **WO 98/52079** (13) A1

(21) PCT/JP98/02064

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

(25) ja (26) ja

(31) 9/121230 (32) **12 May/mai 1997 (12.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G02B 6/255**

(54) ● METHOD OF JOINING PLASTIC OPTICAL FIBERS TO EACH OTHER

● PROCEDE DE COUPLAGE DE FIBRES OPTIQUES EN PLASTIQUE

(71) **ASAHI GLASS COMPANY LTD.** [JP/JP]; 1-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
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(72, 75) **TAKANO, Yoshinobu** [JP/JP]; Asahi Glass Company Ltd. Chuo Kenkyusho, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0863 (JP). **SUGIYAMA, Norihide** [JP/JP]; Asahi Glass Company Ltd. Chuo Kenkyusho, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0863 (JP).

(74) **OGAWA, Toshiharu** et al. / etc.; Torimoto Kogyo Building, 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo 101-0042 (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 98/52080** (13) A1

(21) PCT/DE98/00994

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

(25) de (26) de

(31) 197 20 445.7 (32) **15 May/mai 1997 (15.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G02B 6/38**

(54) ● PROTECTIVE DEVICE FOR A POWER OUTLET FOR OPTICAL FIBRE

● DISPOSITIF DE PROTECTION D'UN SYSTEME DE PRISE DE COURANT POUR FIBRES OPTIQUES

(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) **MAIR, Eduard** [DE/DE]; Schuchstrasse 21, D-81477 München (DE). **SEDLMEIER, Peter** [DE/DE]; Triester Strasse 23, D-81669 München (DE).

(81) AU CN 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 98/52081** (13) A1

(21) PCT/US98/09494

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 08/856,927 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G02B 6/38, H01R 13/523**

(54) ● UNDERWATER CONNECTOR ASSEMBLY

● ENSEMBLE CONNECTEUR SOUS-MARIN

(71) **OCEAN DESIGN, INC.** [US/US]; 9 Aviator Way, Ormond Beach, FL 32174 (US).

(72) **CAIRNS, James, L.**; 403 South Atlantic Avenue, Ormond Beach, FL 32176 (US). **BARLOW, Stewart, M.**; 87 Highland Avenue, Ormond Beach, FL 32174 (US).

(74) **PROCTOR, Katherine** et al. / etc.; Brown, Martin, Haller & McClain, 1660 Union Street, San Diego, CA 92101-2926 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/52082** (13) A2

(21) PCT/SE98/00904

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

(25) en (26) en

(31) 9701833-7 (32) **15 May/mai 1997 (15.05.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G02B 6/42**

(54) ● AN OPTICAL CAPSULE HAVING A CONNECTOR

● CAPSULE OPTIQUE DOTEE D'UN CONNECTEUR

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).

(72) **BLOM, Claes**; S:ta Ingridis väg 8, S-596 31 Skänninge (SE).

(74) **LINDÉN, Stefan** et al. / etc.; Bergenstråhle & Lindvall AB, P. O. Box 17704, S-118 93 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 98/52083** (13) A1

(21) PCT/JP98/02179

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

(25) ja (26) ja

(31) 9/143177 (32) **16 May/mai 1997 (16.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G02B 7/02, B29D 11/00, G02B 1/10, 3/00, C23C 14/50**

(54) ● MECHANISM FOR PLACING OPTICAL LENS BLANK IN HOLDER

- MECANISME SERVANT A PLACER UNE EBAUCHE DE LENTILLE OCULAIRE DANS UN SUPPORT
- (71) **HOYA KABUSHIKI KAISHA** [JP/JP]; 7-5, Naka-Ochiai 2-chome, Shinjuku-ku, Tokyo 161-8525 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KAMURA, Hitoshi** [JP/JP]; Hoya Kabushiki Kaisha, 7-5, Naka-Ochiai 2-chome, Shinjuku-ku, Tokyo 161-8525 (JP). **YOSHIMURA, Masaaki** [JP/JP]; Hoya Kabushiki Kaisha, 7-5, Naka-Ochiai 2-chome, Shinjuku-ku, Tokyo 161-8525 (JP). **KAMIYA, Hajime** [JP/JP]; Hoya Kabushiki Kaisha, 7-5, Naka-Ochiai 2-chome, Shinjuku-ku, Tokyo 161-8525 (JP).
- (74) **TAMIYA, Hiroshi**; 705 Ikebukuro White House Building, 20-2, Higashi Ikebukuro 1-chome, Toshima-ku, Tokyo 170-0013 (JP).
- (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).
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- (11) **WO 98/52084** (13) A1
(21) PCT/US97/16855
(22) **23 Sep/sep 1997 (23.09.1997)**
(25) en (26) en
(31) 08/857,127 (32) **15 May/mai 1997 (15.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **G02B 21/00**
(54) ● HIGH RESOLUTION CONFOCAL MICROSCOPE
● MICROSCOPE CONFOCAL A HAUTE RESOLUTION
- (71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **ATKINSON, Matthew, R., C.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **DAHL, Philip, Y.** et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/52085** (13) A1
(21) PCT/US98/08044
(22) **21 Apr/avr 1998 (21.04.1998)**
(25) en (26) en
(31) 60/046,724 (32) **16 May/mai 1997 (16.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **G02B 25/00, 27/02, G06F 1/16**
(54) ● ADJUSTABLE MAGNIFYING APPARATUS AND METHOD FOR VIEWING VIDEO OR COMPUTER SCREENS
● PROCEDE ET APPAREIL DE GROSSISSEMENT REGLABLE PERMETTANT DE REGARDER DES ECRANS VIDEO OU D'ORDINATEUR
- (71) **BAUSCH & LOMB INCORPORATED** [US/US]; One Bausch & Lomb Place, Rochester, NY 14604 (US).
- (72) **GOFF, James, A.**; 1162 Woodbridge Lane, Webster, NY 14580 (US). **FISHERMAN, Carl**; 725 McCoy Road, Franklin Lake, NJ 07417 (US). **RYAN, Howard, Scott**; 34 East Lake Street, Skaneateles, NY 13152 (US). **CARLSON, Paul, Eric**; 2423 Wave Way, Skaneateles, NY 13152 (US).
- (74) **MCGUIRE, Katherine**; Bausch & Lomb Incorporated, One Bausch & Lomb Place, Rochester, NY 14604 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/52086** (13) A1
(21) PCT/IB98/00616
(22) **23 Apr/avr 1998 (23.04.1998)**
(25) en (26) en
(31) 97201476.5 (32) **16 May/mai 1997 (16.05.1997)** (33) EP
(34) NL et al. / etc.
(31) 97203553.9 (32) **14 Nov/nov 1997 (14.11.1997)** (33) EP
(34) NL et al. / etc.
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **G02B 26/10, 21/00 // 21/01, 21/22, 21/42, 21/64, H04N 1/40**
(54) ● WAVELENGTH-SELECTIVE OPTOMECHANICAL SCANNER AND ITS APPLICATIONS
● BALAYEUR OPTOMECHANIQUE A SELECTION DE LONGUEUR D'ONDE ET SES APPLICATIONS
- (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) **SCHLEIPEN, Johannes, Joseph, Hubertina, Barbara**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **BAELE, Ingrid, A., F., 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 98/52087** (13) A1
(21) PCT/GB98/01383
(22) **14 May/mai 1998 (14.05.1998)**
(25) en (26) en
(31) 9709738.0 (32) **14 May/mai 1997 (14.05.1997)** (33) GB
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **G02B 27/14, 17/00, A01J 7/00, G01N 21/88**
(54) ● VIEWING APPARATUS
- APPAREIL D'OBSERVATION VISUELLE
- (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) **ROSS, David, William** [GB/GB]; 17 Damhead, Lothianburn, Edinburgh EH10 7DZ (GB). **STIRLING, Hugh, Gerald** [GB/GB]; 67D Shooters Hill Road, Blackheath, London SE3 7HU (GB).
- (74) **BINGHAM, Ian, Mark**; BTG International Limited, Patents Dept., 10 Fleet Place, London EC4M 7SB (GB).
- (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 98/52088** (13) A1
(21) PCT/US98/09738
(22) **12 May/mai 1998 (12.05.1998)**
(25) en (26) en
(31) 08/854,939 (32) **13 May/mai 1997 (13.05.1997)** (33) US
(31) 08/978,838 (32) **26 Nov/nov 1997 (26.11.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **G02B 27/14**
(54) ● IMAGING SYSTEM AND METHOD OF IMAGING INDICIA ON WAFER
● SYSTEME D'IMAGERIE ET PROCEDE PERMETTANT DE VISUALISER DES REPERES SUR UNE PLAQUETTE
- (71) **NORTHEAST ROBOTICS LLC** [US/US]; 15 Twin Bridge Road, Weare, NH 03281 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WHITE, Timothy, P.** [US/US]; 146 Lull Road, New Boston, NH 03070 (US). **STERN, Howard** [US/US]; 89 Derby Avenue, Greenlawn, NY 11740 (US).
- (74) **BUJOLD, Michael, J.** et al. / etc.; Davis and Bujold, 4th floor, 500 North Commercial Street, Manchester, NH 03101 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/52089** (13) A1
(21) PCT/US98/08340
(22) **24 Apr/avr 1998 (24.04.1998)**
(25) en (26) en
(31) 08/846,317 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **G02B 28/06**
(54) ● A METHOD AND APPARATUS FOR DIRECTING ENERGY BASED RANGE DETECTION SENSORS
● PROCEDE ET APPAREIL PERMETTANT DE DIRIGER L'ENERGIE ET UTILISANT DES CAPTEURS DE DISTANCE

- (71) **K-T, INC.** [US/US]; One South Linden, Duquesne, PA 15110 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SULLIVAN, Ryan, M.** [US/US]; 6805 Meade Street, Pittsburgh, PA 15208 (US). **HOFFMAN, Eric** [US/US]; 14 Wilkins Road, Pittsburgh, PA 15221 (US). **INGIMARSON, William, Darin** [US/US]; 1466 Village Green Drive, Clairton, PA 15025 (US).

(74) **SCHWARTZ, Ansel, M.**; Suite 301, 425 N. Craig Street, Pittsburgh, PA 15213 (US).

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

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- (11) **WO 98/52090** (13) A1
(21) PCT/US98/09923
(22) **14 May/mai 1998 (14.05.1998)**
(25) en (26) en
(31) 60/046,747 (32) **16 May/mai 1997 (16.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G02C 7/04**

- (54) ● IMPROVED CONTACT LENS
● LENTILLE DE CONTACT PERFECTIONNEE

(71) **CORRECTIVE VISION, INC.** [US/US]; National Eye Research Foundation, Suite 207A, 910 Skokie Boulevard, Northbrook, IL 60062 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WESLEY, Newton, K.** [US/US]; 601 Driftwood Lane, Northbrook, IL 60062 (US). **KIM, Andrew, K.** [US/US]; Apartment 2, 904-1/2 Green Bay Road, Winnetka, IL 60093 (US).

(74) **MORNEAULT, Monique, A.** et al. / etc.; Wallenstein & Wagner, Ltd., 311 South Wacker Drive - 5300, Chicago, IL 60606 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 98/52091** (13) A1
(21) PCT/US98/09694
(22) **13 May/mai 1998 (13.05.1998)**
(25) en (26) en
(31) 08/857,291 (32) **16 May/mai 1997 (16.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G02C 7/16, 7/10, 5/00**

- (54) ● THERAPEUTIC GLASSES AND METHOD FOR USING THE SAME
● LUNETTES THERAPEUTIQUES ET LEUR PROCÉDE D'UTILISATION

(71, 72) **SCHIFFER, Fredric** [US/US]; 72 Sheridan Road, Wellesley, MA 02181 (US).

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

(11) **WO 98/52092** (13) A1

(21) PCT/JP98/02163

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

(25) ja (26) ja

(31) 9/127614 (32) **16 May/mai 1997 (16.05.1997)** (33) JP

(31) 9/127618 (32) **16 May/mai 1997 (16.05.1997)** (33) JP

(31) 9/127620 (32) **16 May/mai 1997 (16.05.1997)** (33) JP

(31) 9/127624 (32) **16 May/mai 1997 (16.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G02C 13/00**

- (54) ● SYSTEM FOR MAKING SPECTACLES TO ORDER
● SYSTEME SERVANT A ELABORER DES LUNETTES DE FAÇON PERSONNALISEE

(71) **HOYA CORPORATION** [JP/JP]; 7-5, Nakaochiai 2-chome, Shinjuku-ku, Tokyo 161-0032 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IZUMITANI, Yukihiko** [JP/JP]; Hoya Corporation, 7-5, Nakaochiai 2-chome, Shinjuku-ku, Tokyo 161-0032 (JP). **AKABA, Toshihisa** [JP/JP]; Hoya Corporation, 7-5, Nakaochiai 2-chome, Shinjuku-ku, Tokyo 161-0032 (JP). **IIZUKA, Isao** [JP/JP]; Hoya Corporation, 7-5, Nakaochiai 2-chome, Shinjuku-ku, Tokyo 161-0032 (JP). **SAKAI, Yasushi** [JP/JP]; Hoya Corporation, 7-5, Nakaochiai 2-chome, Shinjuku-ku, Tokyo 161-0032 (JP). **WATANABE, Shigeru** [JP/JP]; Hoya Corporation, 7-5, Nakaochiai 2-chome, Shinjuku-ku, Tokyo 161-0032 (JP).

(74) **ANIYA, Setuo** et al. / etc.; Ikebukuro Eastern Building, 5th floor, 7-5, Higashi-Ikebukuro 1-chome, Toshima-ku, Tokyo 170-0013 (JP).

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

(11) **WO 98/52093** (13) A1

(21) PCT/JP98/01925

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

(25) ja (26) ja

(31) 9/119400 (32) **9 May/mai 1997 (09.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G02F 1/1335**

- (54) ● LAMINATED PHASE PLATE AND LIQUID CRYSTAL DISPLAY COMPRISING THE PLATE
● PANNEAU DE MISE EN PHASE STRATIFIE ET AFFICHEUR A CRISTAUX LIQUIDES COMPRENANT LEDIT PANNEAU

(71) **SHARP KABUSHIKI KAISHA** [JP/JP]; 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 (JP).
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(72, 75) **OKAMOTO, Masayuki** [JP/JP]; Sharp-Kashiwa-ryo, 3-32, Asahi-cho 5-chome, Kashiwa-shi, Chiba 277-0852 (JP). **MITSUI, Seiichi** [JP/JP]; 228-1-202, Shukurenji, Kashiwa-shi, Chiba 277-0826 (JP). **HIRAKI, Hajime** [JP/JP]; Sharp-Kashiwa-ryo, 3-32, Asahi-cho 5-chome, Kashiwa-shi, Chiba 277-0842 (JP). **UEKI, Shun** [JP/JP]; Sharp-Matsudo-ryo, 3-39-3, Minami-hanashima, Matsudo-shi, Chiba 271-0065 (JP). **MINOURA, Kiyoshi** [JP/JP]; Sharp-Kashiwa-ryo, 3-32, Asahi-cho 5-chome, Kashiwa-shi, Chiba 277-0852 (JP).

(74) **HARA, Kenzo**; Harakenzo Patent Law Firm, Daiwa Minamimorimachi Building, 2-6, Tenjinbashi 2-chome Kita, Kita-ku, Osaka-shi, Osaka 530-0041 (JP).

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

(11) **WO 98/52094** (13) A1

(21) PCT/JP98/02107

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

(25) ja (26) ja

(31) 9/124567 (32) **14 May/mai 1997 (14.05.1997)** (33) JP

(31) 9/233388 (32) **14 Aug/août 1997 (14.08.1997)** (33) JP

(31) 10/27664 (32) **9 Feb/fév 1998 (09.02.1998)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G02F 1/1335**

- (54) ● DISPLAY AND ELECTRONIC DEVICE COMPRISING THE SAME
● AFFICHAGE ET DISPOSITIF ELECTRONIQUE COMPRENANT CET AFFICHAGE

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).
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(72, 75) **IIJIMA, Chiyoaki** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 (JP). **SAKURA, Seiichi** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 (JP). **TSUCHIHASHI, Toshihiko** [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).

(11) **WO 98/52095** (13) A1

(21) PCT/JP98/02049

(22) **8 May/mai 1998 (08.05.1998)**

(25) ja (26) ja

(31) 9/119059 (32) **9 May/mai 1997 (09.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G02F 1/1337**

- (54) ● LIQUID CRYSTAL DISPLAY
● AFFICHAGE A CRISTAUX LIQUIDES

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KONDO, Katsumi** [JP/JP]; Hitachi Research Laboratory, Hitashi, Ltd., 1-1, Omikacho 7-chome, Hitashi-shi, Ibaraki 319-1221 (JP). **TOMIOKA, Yasushi** [JP/JP]; Hitashi Research Laboratory, Hitachi, Ltd., 1-1, Omikacho 7-chome, Hitachi-shi, Ibaraki 319-1221 (JP). **MIWA, Takao** [JP/JP]; Hitashi Research Laboratory, Hitachi, Ltd., 1-1, Omikacho 7-chome, Hitachi-shi, Ibaraki 319-1221 (JP). **YONEYA, Makoto** [JP/JP]; Hitashi Research Laboratory, Hitachi, Ltd., 1-1, Omikacho 7-chome, Hitachi-shi, Ibaraki 319-1221 (JP).

(74) **OGAWA, Katsuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220 (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 98/52096** (13) A1

(21) PCT/GB97/02696

(22) **30 Sep/sep 1997 (30.09.1997)**

(25) en (26) en

(31) 9709457.7 (32) **9 May/mai 1997 (09.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G02F 1/1339, 1/141, 1/1335**

(54) ● **LCD DEVICE**

● **DISPOSITIF A DIODES ELECTROLUMINESCENTES**

(71) **CENTRAL RESEARCH LABORATORIES LIMITED** [GB/GB]; Dawley Road, Hayes, Middlesex UB3 1HH (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CARRINGTON, Andrew** [GB/GB]; 54 Greenway, Berkhamsted, Herts HP4 3LF (GB).

(74) **LEAMAN, Keith**; QED Patents Limited, Dawley Road, Hayes, Middlesex UB3 1HH (GB).

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

(11) **WO 98/52097** (13) A1

(21) PCT/EP98/02768

(22) **12 May/mai 1998 (12.05.1998)**

(25) de (26) de

(31) 197 19 822.8 (32) **13 May/mai 1997 (13.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G02F 1/141, G06K 19/067, C09K 19/02, 19/42**

(54) ● **CHIP CARD WITH BISTABLE DISPLAY**

● **CARTE A PUCE A INDICATEUR BISTABLE**

(71) **HOECHST RESEARCH & TECHNOLOGY DEUTSCHLAND GMBH & CO. KG** [DE/DE]; Brüningstrasse 50, D-65929 Frankfurt am Main (DE).
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(72, 75) **DÜBAL, Hans-Rolf** [DE/DE]; Am Langenstück 13, D-65343 Eltville (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 98/52098** (13) A1

(21) PCT/US98/09435

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 08/858,478 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G03B 21/16, H04N 5/74**

(54) ● **NOTEBOOK SIZE LCD PROJECTOR**

● **PROJECTEUR PORTATIF A AFFICHAGE A CRISTAUX LIQUIDES**

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **RODRIGUEZ, Ernest, M., Jr.**; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **MCNUTT, Matthew, B.** 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 98/52099** (13) A1

(21) PCT/US98/09632

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 08/856,451 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G03B 21/60**

(54) ● **POLARIZING REFLECTION AND TRANSMISSION, THREE DIMENSIONAL IMAGE CREATION AND DISPLAY SYSTEMS**

● **SYSTEMES DE CREATION ET D'AFFICHAGE D'IMAGES TRIDIMENSIONNELLES A REFLEXION ET TRANSMISSION POLARISANTES**

(71, 72) **BURKE, Doug** [US/US]; 2507 Port Whitby, 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).

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(11) **WO 98/52100** (13) A1

(21) PCT/US97/17896

(22) **1 Oct/oct 1997 (01.10.1997)**

(25) en (26) en

(31) 08/855,350 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G03C 1/498**

(54) ● **GALLIC ACID AS A LASER DIRECT THERMAL DEVELOPER**

● **ACIDE GALLIQUE EN TANT QUE REVELATEUR THERMIQUE DIRECT LASER**

(71) **IMATION CORP.** [US/US]; 1 Imation Place, P.O. Box 64898, Saint Paul, MN 55164-0898 (US).

(72) **BJORK, Jon, Alfred**; P.O. Box 64898, Saint-Paul, MN 55164-0898 (US). **PHILIP, James, Bernard**; P.O. Box 64898, Saint Paul, MN 55164-0898 (US).

(74) **MUSSER, Arlene, K.** et al. / etc.; Imation Legal Affairs, P.O. Box 64898, Saint Paul, MN 55164-0898 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/52101** (13) A1

(21) PCT/US98/09373

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

(25) en (26) en

(31) 08/857,324 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G03F 1/14, 1/08, 7/00**

(54) ● **GRAY SCALE MASK AND DEPTH PATTERN TRANSFER TECHNIQUE USING INORGANIC CHALCOGENIDE GLASS**

● **TECHNIQUE DE TRANSFERT DE MASQUE D'ECHELLE DE GRIS ET DE MOTIF DE PROFONDEUR UTILISANT UN VERRE DE CHALCOGENURE INORGANIQUE**

(63) US 08/857,324 (CIP)
16 May/mai 1997 (16.05.1997)

(71) **AERIAL IMAGING CORPORATION** [US/US]; Suite B, 2681 Zanker Road, San Jose, CA 95134 (US).
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(72, 75) **BLOCK, Barry** [US/US]; 30610 Page Mill Road, Los Altos, CA 94022 (US). **THORNTON, Arnold, O.** [US/US]; 3141 Hostetter Road, San Jose, CA 95132 (US). **INGVERSEN, Jan** [DE/US]; 361 Haight Street, San Francisco, CA 94102 (US). **DASCHNER, Walter** [DE/US]; 2680 Fayette Drive #304, Mountain View, CA 94040 (US).

(74) **LEEDS, Kenneth, E.** et al. / etc.; Skjerven, Morrill, MacPherson, Franklin & Friel LLP, Suite 700, 25 Metro Drive, San Jose, CA 95110 (US).

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

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(11) **WO 98/52102** (13) A1

(21) PCT/US97/17365

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

(25) en (26) en

(31) 08/856,570 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G03G 15/01, 15/10**

- (54) ● COLOR CONTROL SYSTEM FOR ELECTROGRAPHIC PRINTER
● SYSTEME DE REGULATION D'INTENSITE DE COULEUR POUR IMPRIMANTE ELECTROGRAPHIQUE
- (71) MINNESOTA MINING AND MANUFACTURING COMPANY [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) CORN, Stewart, H.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). BEHNKE, Brett, A.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). SPECKHARD, Thomas, A.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). IVERSON, Oyvind, H.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). ANTON, Christopher, J.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). OLSON, Kenneth, W.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) HORNICKEL, John, H. et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 3427, 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 98/52103 (13) A1
(21) PCT/US98/09671
(22) 12 May/mai 1998 (12.05.1998)
(25) en (26) en
(31) 08/856,570 (32) 15 May/mai 1997 (33) US (15.05.1997)
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ G03G 15/01, 15/10
- (54) ● COLOR CONTROL SYSTEM FOR ELECTROGRAPHIC PRINTER
● SYSTEME DE COMMANDE DE SATURATION DES COULEURS POUR IMPRIMANTE ELECTROGRAPHIQUE
- (71) MINNESOTA MINING AND MANUFACTURING COMPANY [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) CORN, Stewart, H.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). BEHNKE, Brett, A.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). SPECKHARD, Thomas, A.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). IVERSON, Oyvind, H.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). ANTON, Christopher, J.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). OLSON, Kenneth, W.; 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 98/52104 (13) A1
(21) PCT/IB97/00539
(22) 13 May/mai 1997 (13.05.1997)
(25) fr (26) fr
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ G04D 3/00, C21D 9/00, 1/74
- (54) ● METHOD FOR STAMPING WATCH CASES AND RESULTING PRODUCTS
● PROCEDE DE FABRICATION D'ETAMPAGES DE BOITES DE MONTRES ET PRODUITS ISSUS DE CE PROCEDE
- (71) LABORATOIRE PONT-SAINT-GERMAIN [CH/CH]; Place de la Gare 5, CH-2900 Porrentruy (CH).
- (72) PRETAT, Roland; Sur le Mont 150, CH-2932 Coeuve (CH). MOLNAR, Nastaca; La Rochette 33 B, CH-2900 Porrentruy (CH).
- (81) ; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (a)

- (11) WO 98/52105 (13) A1
(21) PCT/DE98/01005
(22) 7 Apr/avr 1998 (07.04.1998)
(25) de (26) de
(31) 197 19 908.9 (32) 13 May/mai 1997 (33) DE (13.05.1997)
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ G04G 1/00, H04Q 7/32
- (54) ● MOBILE TRANSCEIVER
● EMETTEUR-RECEPTEUR MOBILE
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HOFMANN, Jürgen [DE/DE]; De-kan-Faber-Ring 21, D-85304 Ilmmünster (DE).
- (81) AU CN ID 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 98/52106 (13) A1
(21) PCT/DE98/01050
(22) 14 Apr/avr 1998 (14.04.1998)
(25) de (26) de
(31) 197 19 907.0 (32) 13 May/mai 1997 (33) DE (13.05.1997)
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ G04G 1/00, H04Q 7/32
- (54) ● WRISTWATCH AS AN EXTERNAL DISPLAY DEVICE FOR A MOBILE TRANSCEIVER
● MONTRE-BRACELET COMME DISPOSITIF D'AFFICHAGE EXTERNE D'UN EMETTEUR-RECEPTEUR MOBILE
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HOFMANN, Jürgen [DE/DE]; De-kan-Faber-Ring 21, D-85304 Ilmmünster (DE).

- (81) AU CN ID 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 98/52107 (13) A1
(21) PCT/JP98/02096
(22) 12 May/mai 1998 (12.05.1998)
(25) ja (26) ja
(31) 9/122137 (32) 13 May/mai 1997 (33) JP (13.05.1997)
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ G04G 5/00
- (54) ● TIME INFORMATION MANAGEMENT SYSTEM
● SYSTEME DE GESTION D'INFORMATION D'HORAIRE
- (71) CITIZEN WATCH CO., LTD. [JP/JP]; 1-1, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0428 (JP).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) KIHARA, Hiroyuki [JP/JP]; Citizen Watch Co., Ltd. Tanashi Factory, 1-12, Honcho 6-chome, Tanashi-shi, Tokyo 188-0011 (JP). UMEMOTO, Toshio [JP/JP]; Citizen Watch Co., Ltd. Tanashi Factory, 1-12, Honcho 6-chome, Tanashi-shi, Tokyo 188-0011 (JP). MURAKAMI, Tomomi [JP/JP]; Citizen Watch Co., Ltd. Tanashi Factory, 1-12, Honcho 6-chome, Tanashi-shi, Tokyo 188-0011 (JP). SASE, Masahiro [JP/JP]; Citizen Watch Co., Ltd. Tanashi Factory, 1-12, Honcho 6-chome, Tanashi-shi, Tokyo 188-0011 (JP).
- (74) HATA, Yasuyuki et al. / etc.; Akasaka-Taisei Building, 1-18, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).
- (81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) WO 98/52108 (13) A1
(21) PCT/JP98/02076
(22) 11 May/mai 1998 (11.05.1998)
(25) ja (26) ja
(31) 9/134510 (32) 9 May/mai 1997 (33) JP (09.05.1997)
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ G05B 9/02, H04L 1/22, G08C 25/00
- (54) ● DATA TRANSFER APPARATUS
● APPAREIL DE TRANSFERT DE DONNEES
- (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) KINOSHITA, Jiro [JP/JP]; Room 6-210, Fanuc Manshonharimomi, 3537-1, Shibokusa, Oshino-mura, Minamitsuru-gun, Yamanashi 401-0511 (JP). KUMAKURA, Tatsuro [JP/JP]; 3-5-26, Higashitanaka, Gotenba-shi, Shizuoka 412-0026 (JP). HIROHAMA, Hideyuki [JP/JP]; Fanuc Dai3virakaramatsu, 3527-1, 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 98/52109** (13) A1
(21) PCT/JP98/02090
(22) **12 May/mai 1998 (12.05.1998)**
(25) ja (26) ja
(31) 9/121345 (32) **12 May/mai 1997 (12.05.1997)** (33) JP
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **G05B 23/02, 19/418, 19/05, 15/02, B25J 13/00, G06F 13/00**
(54) ● ROBOT INFORMATION PROCESSOR
● PROCESSEUR D'INFORMATIONS POUR ROBOT
(71) **KAWASAKI JUKOGYO KABUSHIKI KAISHA** [JP/JP]; 1-1, Higashikawasaki-cho 3-chome, Chuo-ku, Kobe-shi, Hyogo 650-8670 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **UENO, Takahiro** [JP/JP]; 556-8, Nishifutami, Futami-cho, Akashi-shi, Hyogo 674-0094 (JP).
TAKATORI, Takashi [JP/JP]; 1293-1-512, Toba, Akashi-shi, Hyogo 673-0003 (JP).
(74) **SATO, Kazuo** et al. / etc.; Kyowa Patent & Law Office, Fuji Building, Room 323, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (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 98/52110** (13) A1
(21) PCT/DE98/01335
(22) **13 May/mai 1998 (13.05.1998)**
(25) de (26) de
(31) 197 20 235.7 (32) **14 May/mai 1997 (14.05.1997)** (33) DE
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **G05D 23/13, F24D 17/00**
(54) ● WATER CONTROL DEVICE
● DISPOSITIF DE COMMANDE D'EAU
(71, 72) **MÜLLER, Roland** [DE/DE]; Blieskasteler Weg 15 a, D-66453 Gersheim (DE).
(74) **VIÈL, Christof** et al. / etc.; Vièl & Vièl, Postfach 65 04 03, D-66143 Saarbrücken (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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/52111** (13) A1
(21) PCT/EP98/02749
(22) **11 May/mai 1998 (11.05.1998)**
(25) fr (26) fr
(31) 97107722.7 (32) **12 May/mai 1997 (12.05.1997)** (33) EP
(34) CH et al. / etc.
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **G05F 1/00, 1/575**
(54) ● VOLTAGE REGULATING CIRCUIT FOR ELIMINATING "LATCH-UP"
● CIRCUIT DE REGULATION DE TENSION DESTINE A SUPPRIMER UN PHENOMENE DIT "LATCH-UP"
(71) **EM MICROELECTRONIC-MARIN S.A.** [CH/CH]; Rue des Sors 3, CH-2074 Marin (CH).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **PONZETTA, Antonio, Martino** [IT/CH]; Saules 6, CH-2013 Colombier (CH).
(74) **ICB**; Ingénieurs Conseils en Brevets S.A., Rue des Sors 3, CH-2074 Marin (CH).
(81) CA 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 98/52112** (13) A2
(21) PCT/IB98/00640
(22) **27 Apr/avr 1998 (27.04.1998)**
(25) en (26) en
(31) 08/854,712 (32) **12 May/mai 1997 (12.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **G05F 3/24**
(54) ● VOLTAGE DIVIDER CIRCUIT
● CIRCUIT DIVISEUR DE TENSION
(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) **WOMACK, Richard, H.**; 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 CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/52113** (13) A2
(21) PCT/US98/09590
(22) **12 May/mai 1998 (12.05.1998)**
(25) en (26) en
(31) 60/046,214 (32) **12 May/mai 1997 (12.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **G06F**
(54) ● METHOD AND APPARATUS FOR THE CENTRALIZED COLLECTION OF GEOGRAPHICALLY DISTRIBUTED DATA
● PROCEDE ET DISPOSITIF DE COLLECTE CENTRALISEE POUR DONNEES GEOGRAPHIQUEMENT DISTRIBUEES
(71, 72) **KOZAM, Marc, L.** [US/US]; 13245 Glenhill Road, Silver Spring, MD 20904 (US). **KORMAN, Louis, Y.** [US/US]; 11424 Cushman Road, Rockville, MD 20852 (US).
(74) **HERBERT, Toni-Junell** et al. / etc.; Shanks & Herbert, Suite 306, TransPotomac Plaza, 1033 N. Fairfax Street, Alexandria, VA 22314 (US).
(81) AU CA IL JP KR NZ 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 98/52114** (13) A1
(21) PCT/US98/08422
(22) **6 May/mai 1998 (06.05.1998)**
(25) en (26) en
(31) 08/857,235 (32) **16 May/mai 1997 (16.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **G06F 1/00, G11B 20/00**
(54) ● ARRANGEMENT FOR PREVENTING USE OF UNAUTHORIZED DUPLICATES OF A DATA STORAGE MEDIUM USING SUBCODE AND METHOD THEREFOR
● PROCEDE ET DISPOSITIF DE PREVENTION CONTRE L'UTILISATION DE REPRODUCTIONS ILLICITES D'UN SUPPORT DE DONNEES AU MOYEN D'UN SOUS-CODE
(71) **IMATION CORP.** [US/US]; 1 Imation Place, P.O. Box 64898, Saint Paul, MN 55164-0898 (US).
(72) **BLIXT, Jon, J.**; 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) 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).
- Published / Publiée : (c)
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- (11) **WO 98/52115** (13) A1
(21) PCT/US98/09661
(22) **12 May/mai 1998 (12.05.1998)**
(25) en (26) en
(31) 60/046,289 (32) **13 May/mai 1997 (13.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **G06F 1/00**
(54) ● GENERALIZED USER IDENTIFICATION AND AUTHENTICATION SYSTEM
● SYSTEME D'IDENTIFICATION ET D'AUTHENTIFICATION GENERALES D'UTILISATEUR
(71) **PASSLOGIX, INC.** [US/US]; 2nd floor, 160 Pearl Street, New York, NY 10005 (US).
(72) **MANZA, Marc, B.**; 62 Dogestrom, Lindenhurst, NY 11757 (US). **BORODITSKY, Marc, D.**; 159 8th Street, Del Mar, CA 92014 (US).
(74) **MCLAUGHLIN, Marianne, M.**; Testa, Hurwitz & Thibeault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).
(81) AU CA IL JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/52116** (13) A1
(21) PCT/GB98/01257
(22) **12 May/mai 1998 (12.05.1998)**
(25) en (26) en

- (31) 9709737.2 (32) **14 May/mai 1997** (33) GB (14.05.1997)
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **G06F 1/16**
- (54) ● PRESENTATION DEVICE
● DISPOSITIF DE PRESENTATION
- (71) **CHASE ADVANCED TECHNOLOGIES LTD.** [GB/GB]; Chase Way, Eurocam Technology Park, Bradford, West Yorkshire BD5 8HW (GB). (*for all designated States except / pour tous les États désignés sauf US*)
- (72, 75) **STEWART, Steven, John** [GB/GB]; 2 Street Lane, East Morton, Keighley, West Yorkshire BD20 5SE (GB).
- (74) **CHUGG, David, John** 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 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 98/52117** (13) A1

(21) PCT/US98/09293

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 08/859,833 (32) **16 May/mai 1997** (33) US (16.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G06F 1/16**

- (54) ● EXPANSION PORT PROVIDING SYSTEM POWER-DOWN PRIOR TO CONNECTION OF PERIPHERAL DEVICES
● POINT D'ACCES SERVANT A COUPER L'ALIMENTATION D'UN SYSTEME AVANT DE CONNECTER DES UNITES PERIPHERIQUES

(71) **WEBTV NETWORKS, INC.** [US/US]; 305 Lytton Avenue, Palo Alto, CA 94301 (US).

(72) **PERLMAN, Stephen, G.**; 721 Tiana Lane, Mountain View, CA 94041 (US). **BUCHER, Tim**; 305 Lytton Avenue, Palo Alto, CA 94301 (US).

(74) **NYDEGGER, Rick, D.** et al. / etc.; Workman, Nydegger & Seeley, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/52118** (13) A1

(21) PCT/US98/09621

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 08/857,181 (32) **15 May/mai 1997** (33) US (15.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G06F 3/033, 3/023**

- (54) ● DISPLAY OF MENU ITEMS ON A COMPUTER SCREEN
● AFFICHAGE D'ELEMENTS DE MENU SUR UN ECRAN D'ORDINATEUR

(71) **SONY ELECTRONICS, INC.** [US/US]; 1 Sony Drive, Park Ridge, NJ 07656-8003 (US).

(72) **SCIAMMARELLA, Eduardo**; 130 East 17th Street #4B, New York, NY 10003 (US). **PROEHL, Andrew**; 323 West 89th Street, New York, NY 10024 (US). **HERNDON, Kenneth**; 57 Montebello Road, Suffern, NY 10901 (US).

(74) **FROMMER, William, S.**; Frommer Lawrence & Haug LLP, 745 Fifth Avenue, New York, NY 10151 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/52119** (13) A1

(21) PCT/US97/09256

(22) **16 May/mai 1997 (16.05.1997)**

(25) en (26) en

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G06F 3/14, 17/30**

- (54) ● METHOD AND SYSTEM FOR IMAGE RETRIEVAL
● TECHNIQUE D'EXTRACTION D'IMAGE ET SYSTEME CORRESPONDANT

(71) **THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK** [US/US]; 116th Street and Broadway, New York, NY 10027 (US). (*for all designated States except / pour tous les États désignés sauf US*)

(72, 75) **CHANG, Shih-Fu** [-/US]; Columbia University, Dept. of Electrical Engineering, 500 West 120th Street, New York, NY (US). **SMITH, John, R.** [US/US]; Apartment 15B, 275 West 96th Street, New York, NY 10025 (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 98/52120** (13) A1

(21) PCT/US98/09830

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

(25) en (26) en

(31) 08/857,183 (32) **15 May/mai 1997** (33) US (15.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G06F 3/14, G09G**

- (54) ● DISPLAY OF MULTIPLE IMAGES BASED ON A TEMPORAL RELATIONSHIP AMONG

THEM WITH VARIOUS OPERATIONS AVAILABLE TO A USER AS A FUNCTION OF THE IMAGE SIZE

- AFFICHAGE D'IMAGES MULTIPLES PRESENTANT UNE RELATION TEMPORELLE ENTRE CELLES-CI, ET COMPORTANT DIVERSES OPERATIONS DISPONIBLES POUR UN UTILISATEUR EN FONCTION DE LA TAILLE DE L'IMAGE

(71) **SONY ELECTRONICS, INC.** [US/US]; 1 Sony Drive, Park Ridge, NJ 07656-8003 (US).

(72) **SCIAMMARELLA, Eduardo**; 130 East 17th Street #4B, New York, NY 10003 (US). **HERNDON, Kenneth**; 57 Montebello Road, Suffern, NY 10901 (US). **SERVAN-SCHREIBER, Franklin**; 305 West 13th Street #5D, New York, NY 10014 (US). **DOAN, Nghi, Dong**; 2125 Holland Avenue #5H, New York, NY 10462 (US). **NEHME, Jad**; 220 Avenue A #2C, New York, NY 10009 (US).

(74) **FROMMER, William, S.**; Frommer Lawrence & Haug LLP, 745 Fifth Avenue, New York, NY 10151 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/52121** (13) A2

(21) PCT/US98/09837

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

(25) en (26) en

(31) 08/855,081 (32) **13 May/mai 1997** (33) US (13.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G06F 9/00**

- (54) ● METHOD AND SYSTEM FOR MANAGING COMPUTER SYSTEMS
● PROCEDE ET APPAREIL PERMETTANT DE GERER DES SYSTEMES INFORMATIQUES

(71) **ELECTRONIC DATA SYSTEMS CORPORATION** [US/US]; 5400 Legacy Drive, M/S H3-3A-05, Plano, TX 75024 (US).

(72) **TOPFF, Guido, E., J.**; Putrand 4, B-2288 Grobendonk (BE). **KOUWENBERG, Frederik, P., J.**; Loevestein 38, NL-2804 EV Gouda (NL).

(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 98/52122** (13) A1

(21) PCT/US98/09749

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

(25) en (26) en

(31) 60/046,411 (32) **14 May/mai 1997** (33) US (14.05.1997)

(31) 09/079,125 (32) **14 May/mai 1998** (33) US (14.05.1998)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ G06F 11/34

- (54) ● ACCURATE PROFILE AND TIMING INFORMATION FOR MULTITASKING SYSTEMS
● INFORMATIONS EXACTES DE SYNCHRONISATION ET DE PROFIL POUR SYSTEMES MULTITACHE

(71) **COMPUWARE CORPORATION** [US/US]; 31440 Northwestern Highway, Farmington Hills, MI 48334 (US).

(72) **GUINThER, Tom**; 2 Clock Tower Place #406, Nashua, NH 03060 (US). **AUSTIN, James**; 17 Whittier Road, Merrimack, NH 03054 (US).

(74) **MUIRHEAD, Donald, W.** et al. / etc.; Foley, Hoag & Eliot LLP, One Post Office Square, 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 98/52123** (13) A2

(21) PCT/FI98/00402

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 972091 (32) **15 May/mai 1997 (15.05.1997)** (33) FI

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ G06F 13/00

- (54) ● METHOD AND ARRANGEMENT FOR CONNECTING PROCESSOR TO ASIC
● PROCEDE ET AGENCEMENT DE CONNEXION D'UN PROCESSEUR A UN CIRCUIT INTEGRE SPECIFIQUE

(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) **PIIRAINEN, Olli** [FI/FI]; Pikisaarentie 1 E 11, FIN-90100 Oulu (FI). **HAPPONEN, Aki** [FI/FI]; Jatulikkivenkatu 8 B 12, FIN-90240 Oulu (FI).

(74) **PATENTTITOIMISTO TEKNOLOGIA 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 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 98/52124** (13) A1

(21) PCT/US98/10040

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

(25) en (26) en

(31) 60/046,779 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ G06F 13/00

- (54) ● POINT-OF-SALE SYSTEM AND DISTRIBUTED COMPUTER NETWORK FOR SAME
● SYSTEME DE TERMINAUX DE POINT DE VENTE ET RESEAU INFORMATIQUE REPARTI POUR LEDIT SYSTEME

(71) **LOGIC CONTROLS, INC.** [US/US]; 355 Denton Avenue, New Hyde Park, NY 11040 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LUM, Jackson** [US/US]; 339 Baltustrol Circle, Roslyn, NY 11576 (US).

(74) **SACK, Alan, M.**; 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).

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(11) **WO 98/52125** (13) A1

(21) PCT/US98/10077

(22) **16 May/mai 1998 (16.05.1998)**

(25) en (26) en

(31) 08/857,231 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ G06F 13/00, 15/16

- (54) ● DATA STRUCTURE AND METHODS FOR DEFINING AND USING ATTRIBUTE DATA BLOCKS TO INSTANTIATE OBJECTS AND DESCRIBE CHANGES TO OBJECTS
● STRUCTURE DE DONNEES ET PROCEDES DE DEFINITION ET D'UTILISATION DE BLOCS DE DONNEES ATTRIBUTS POUR INSTANCIER DES OBJETS ET DECRIRE LES CHANGEMENTS APPORTES A CES 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). **TSAI, 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).

(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 98/52126** (13) A1

(21) PCT/US98/10068

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

(25) en (26) en

(31) 08/857,494 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ G06F 13/16

- (54) ● SCALABLE MEMORY CONTROLLER
● REGISSEUR DE MEMOIRE A ECHELLE MODULABLE

(71) **UNISYS CORPORATION** [US/US]; Township Line and Union Meeting Roads, P.O. Box 500, Blue Bell, PA 19424-0001 (US).

(72) **GOLD, Anthony, P.**; 36 Flintlock Lane, Wayne, PA 19087 (US). **BENTON, Michael, K.**; 17 Ridgewood Road, R.R.#1, Malvern, PA 19355 (US). **BOLYN, Philip, C.**; 3053 Griffith Road, Norristown, PA 19403 (US). **AHO, Eric, D.**; 4144 Pickering Dam Road, Phoenixville, PA 19460 (US). **LUBA, Mark, D.**; 2401 Adams Court, North Wales, PA 19454 (US).

(74) **STARR, Mark**; Unisys Corporation, Township Line and Union Meeting Roads, P.O. Box 500, Blue Bell, PA 19424-0001 (US).

(81) BR CA DE GB 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 98/52127** (13) A1

(21) PCT/US98/09678

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 08/873,883 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ G06F 13/36, 13/40

- (54) ● DYNAMIC RETRY IMPLEMENTATION FOR THE PCI BUS BASED ON POSTED TRANSACTIONS ON THE PCI BUS
● MISE EN OEUVRE DE REPETITION DYNAMIQUE POUR LE BUS PCI FONDE SUR DES TRANSACTIONS POSTEES SUR LE BUS PCI

(71) **CIRRUS LOGIC, INC.** [US/US]; M/S 521, 3100 West Warren Avenue, Fremont, CA 94538-6419 (US).

(72) **KANEKAL, Hemanth, G.**; 2587 Amaryl Drive, San Jose, CA 95132 (US).

(74) **NGUYEN, Frank, D.** et al. / etc.; Cirrus Logic, Inc., M/S 521, 3100 West Warren Avenue, Fremont, CA 94538-6419 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE GH GM GW HU ID IL IS JP KE KP KR LC LK LR LS LT LV MG MK MN MW MX NO NZ PL RO RU SD SG SI SK SL 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).

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(11) **WO 98/52128** (13) A1

(21) PCT/US98/09679

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 08/873,884 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ G06F 13/40

- (54) ● WINDOW MECHANISM FOR INFORMATION TRANSFER CONTROL FOR PCI BUS

- MECANISME DE FENETRE POUR COMMANDE DE TRANSFERT D'INFORMATION POUR BUS PCI

(71) **CIRRUS LOGIC, INC.** [US/US]; 3100 West Warren Avenue, M/S 521, Fremont, CA 94538-6419 (US).

(72) **KANEKAL, Hemanth, G.**; 2587 Amaryl Drive, San Jose, CA 95132 (US).

(74) **NGUYEN, Frank, D.** et al. / etc.; Cirrus Logic, Inc., 3100 West Warren Avenue, M/S 521, Fremont, CA 94538-6419 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE GH GM GW HU ID IL IS JP KE KP KR LC LK LR LS LT LV MG MK MN MW MX NO NZ PL RO SD SG SI SK SL TR TT UA UG 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 98/52129** (13) A1

(21) PCT/AU98/00355

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

(25) en (26) en

(31) PO 6808 (32) **15 May/mai 1997 (15.05.1997)** (33) AU

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G06F 17/30**

- CONSTITUTIONAL ANALYSIS OF PROTEIN DOMAINS
- ANALYSE CONSTITUTIONNELLE DE DOMAINES PROTEIQUES

(71) **MACQUARIE RESEARCH LTD.** [AU/AU]; Ground Floor Building W3A, Macquarie University, NSW 2109 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **REDMOND, John** [AU/AU]; 17 Lakeside Road, Eastwood, NSW 2122 (AU). **PACKER, Nicole, Hannah** [AU/AU]; 9 Yarrabah Avenue, Gordon, NSW 2072 (AU). **GOOLEY, Andrew, Arthur** [AU/AU]; 14 Vimiera Road, Eastwood, NSW 2122 (AU). **WILLIAMS, Keith, Leslie** [AU/AU]; 23 Nandi Avenue, Frenchs Forest, NSW 2086 (AU).

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

(11) **WO 98/52130** (13) A1

(21) PCT/JP98/01773

(22) **17 Apr/avr 1998 (17.04.1998)**

(25) ja (26) ja

(31) 9/126706 (32) **16 May/mai 1997 (16.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G06F 17/30**

- TEXT RETRIEVAL METHOD
- PROCEDE D'EXTRACTION DE TEXTE

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KANADA, Yasushi** [JP/JP]; Central Research Laboratory, Hitachi, Ltd., 280, Higashikoigakubo 1-chome, Kokubunji-shi, Tokyo 185-8601 (JP).

(74) **OGAWA, Katsuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220 (JP).

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

(11) **WO 98/52131** (13) A1

(21) PCT/US98/10116

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

(25) en (26) en

(31) 08/856,375 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(31) 08/856,313 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(31) 08/856,372 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G06F 17/30, 17/60**

- METHOD AND APPARATUS FOR OBJECT ORIENTED STORAGE AND RETRIEVAL OF DATA FROM A RELATIONAL DATABASE TO IMPLEMENT A REAL TIME BILLING SYSTEM
- PROCEDE ET APPAREIL POUR STOCKAGE ORIENTE OBJET ET EXTRACTION DE DONNEES A PARTIR D'UNE BASE DE DONNEES RELATIONNELLES DE FAÇON A METTRE EN OEUVRE UN SYSTEME DE FACTURATION EN TEMPS REEL

(71) **PORTAL INFORMATION NETWORK** [-/US]; Suite 200, 20863 Stevens Creek Boulevard, Cupertino, CA 95014 (US).

(72) **OWENS, Gary, L.**; 565 Hope Street, Mountain View, CA 94041 (US). **LABUDA, David, S.**; 213 Correas Street, Half Moon Bay, CA 94019 (US).

(74) **VAN PELT, Lee**; Beyer & Weaver, LLP, P.O. Box 61059, 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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(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 60/046,173 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G06F 17/60**

- METHODS AND APPARATUS FOR ALLOCATING, COSTING, AND PRICING ORGANIZATIONAL RESOURCES

- PROCEDES ET SYSTEMES D'AFFECTATION DE RESSOURCES ORGANISATIONNELLES, AVEC EVALUATION DES COUT ET PRIX DE RESSOURCES

(71, 72) **JAMESON, Joel** [US/US]; 2607 Greer Road, Palo Alto, CA 94303 (US).

(74) **GERSTEIN, Milton** et al. / etc.; Hamman & Benn, Suite 3300, 10 S. LaSalle Street, Chicago, IL 60603 (US).

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

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(11) **WO 98/52133** (13) A1

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

(25) en (26) en

(31) 08/856,741 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G06F 17/60**

- COMPUTER METHOD AND SYSTEM FOR INTERMEDIATED EXCHANGES OF COMMODITIES
- PROCEDE INFORMATIQUE ET SYSTEME POUR ECHANGE DE BIENS MOBILIERES ET MATERIELS A L'AIDE D'UN INTERMEDIAIRE

(71) **ITG INC.** [US/US]; 900 Third Avenue, New York, NY 10022 (US).

(72) **FERSTENBERG, Robert, A.**; 1 Ridgeway Road, Concord, MA 01742 (US). **KARCHMER, Mauricio**; 24 Jefferson Road, Chestnut Hill, MA 02167 (US). **HILALI, Ran**; 148 N. Arnaz Drive #B, Beverly Hills, CA 90211 (US).

(74) **WALLACH, Steven, I.** 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 GM 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 98/52134** (13) A2

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(31) 97107885 (32) **16 May/mai 1997 (16.05.1997)** (33) RU

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G06K**

- METHOD FOR WRITING AND READING OF INFORMATION
- PROCEDE DE LECTURE ET D'ECRIURE D'INFORMATIONS

(71) **AOZT "TETRA"** [RU/RU]; ul. Staraya Basmanaya, 38/2, Moscow, 103064 (RU).
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(72, 75) **BOHR, Jakob** [DK/DK]; GI Strandvej 47, DK-3050 Humlebaek (DK). **GDOSHNIKOV, Sergei Alexandrovich** [RU/RU]; pr. Oktyabrsky, 17-36, Troitsk, 142092 (RU). **ANDRÉEV, Konstantin Eduardovich** [RU/RU]; ul. Kommunalnaya, 19-21, Omsk, 644099 (RU). **SNIGIREV, Oleg Vasilievich** [RU/RU]; 3-y Dorozhny proezd, 5-2-53, Moscow, 113535 (RU). **TISHIN, Alexandr Mettalinovich** [RU/RU]; Mikroraiion "B", 49-114, Troitsk, 142092 (RU). **KHOMUTOV, Gennady Borisovich** [RU/RU]; ul. Piljuginina, 12-1-251, Moscow, 117393 (RU).

(81) AL AU AZ BG BR CA CH CN CZ EE GE HU IL IS JP KP KR MX PL RO SI SK TR UA US UZ VN YU; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/52135** (13) A2

(21) PCT/US98/09597

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 08/855,230 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G06K**

(54) ● CAPACITIVE FINGERPRINT SENSOR WITH ADJUSTABLE GAIN
● CAPTEUR DACTYLOSCOPIQUE CAPACITIF A GAIN REGLABLE

(71) **VERIDICOM, INC.** [US/US]; 2338 Walsh Avenue, Santa Clara, CA 95051 (US).

(72) **DICKINSON, Alexander, G.**; 8360 Sego Lane, Vero Beach, FL 32963 (US). **MCPHERSON, Ross**; 165 Cedar Lake East, Denville, NJ 07834 (US). **MENDIS, Sunetra**; 158 Tennyson Avenue, Palo Alto, CA 94301 (US). **ROSS, Paul, C.**; 15 Wood Drive, Morris Plains, NJ 07950 (US).

(74) **HAYNES, Mark, A.**; Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304-1050 (US).

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

(11) **WO 98/52136** (13) A1

(21) PCT/US98/08977

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/854,534 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G06K 5/00, 7/01, 19/06, G06F 7/08**

(54) ● DUAL SMART CARD ACCESS CONTROL ELECTRONIC DATA STORAGE AND RETRIEVAL SYSTEM AND METHODS
● SYSTEME ELECTRONIQUE DE STOCKAGE ET D'EXTRACTION DE DONNEES A DEUX CARTES A PUCE D'ACCES ET PROCEDES CORRESPONDANTS

(71) **AMERICAN CARD TECHNOLOGY, INC.** [US/US]; Building 1462, Suite 200, 1355 Terrell Mill Road, Marietta, GA 30067 (US).
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(72, 75) **FINDLEY, Raymond, Jr.** [US/US]; 3261 Dunberry Chase, Marietta, GA 30066 (US). **DIXON, Robert** [US/US]; 3261 Dunberry Chase, Marietta, GA 30066 (US).

(74) **BERKSTRESSER, Jerry, W.**; Shoemaker and Mattare, Ltd., Crystal Plaza Building 1, Suite 1203, 2001 Jefferson Davis Highway, Arlington, VA 22202-0286 (US).

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

(11) **WO 98/52137** (13) A1

(21) PCT/FR98/00932

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

(25) fr (26) fr

(31) 97/05808 (32) **13 May/mai 1997 (13.05.1997)** (33) FR

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G06K 7/00, H04M 1/02, G06K 13/08**

(54) ● ELECTRIC CONNECTOR FOR CONTACT CARD WITH INTEGRATED CIRCUIT(S)
● CONNECTEUR ELECTRIQUE POUR UNE CARTE A CIRCUIT(S) INTEGRE(S) A CONTACT

(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) **BRICAUD, Hervé** [FR/FR]; 166, avenue Eisenhower, F-39100 Dole (FR). **PIZARD, Yves** [FR/FR]; 106, avenue Georges Pompidou, F-39100 Dole (FR).

(74) **KOHN, Philippe**; Cabinet Philippe Kohn, 30, rue Hoche, F-93500 Pantin (FR).

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

(11) **WO 98/52138** (13) A1

(21) PCT/FR98/00933

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

(25) fr (26) fr

(31) 97/05809 (32) **13 May/mai 1997 (13.05.1997)** (33) FR

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G06K 7/00**

(54) ● ELECTRIC CONNECTOR FOR SIMULTANEOUS CONNECTION OF SEVERAL CONTACT CARDS WITH INTEGRATED CIRCUITS
● CONNECTEUR ELECTRIQUE POUR LE RACCORDEMENT SIMULTANE DE PLUSIEURS CARTES A CIRCUIT(S) INTEGRES(S) A CONTACT

(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) **BRICAUD, Hervé** [FR/FR]; 166, avenue Eisenhower, F-39100 Dole (FR). **VALCHER, Fabrice** [FR/FR]; 3, rue de Bourgogne, F-39500 Damparis (FR).

(74) **KOHN, Philippe**; Cabinet Philippe Kohn, 30, rue Hoche, F-93500 Pantin (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).

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(11) **WO 98/52139** (13) A1

(21) PCT/FR98/00934

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

(25) fr (26) fr

(31) 97/05810 (32) **13 May/mai 1997 (13.05.1997)** (33) FR

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G06K 7/00**

(54) ● SLIDING CONTACT CONNECTOR FOR CONNECTING A CARD WITH MICROCIRCUITS
● CONNECTEUR D'UN TYPE A ATTERRISSAGE DES CONTACTS POUR LE RACCORDEMENT D'UNE CARTE A MICROCIRCUITS

(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) **BRICAUD, Hervé** [FR/FR]; 166, avenue Eisenhower, F-39100 Dole (FR). **VALCHER, Fabrice** [FR/FR]; 3, rue de Bourgogne, F-39500 Damparis (FR).

(74) **KOHN, Philippe**; Cabinet Philippe Kohn, 30, rue Hoche, F-93500 Pantin (FR).

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

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(11) **WO 98/52140** (13) A1

(21) PCT/FR98/00968

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

(25) fr (26) fr

(31) 97/05975 (32) **15 May/mai 1997 (15.05.1997)** (33) FR

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G06K 7/00**

(54) ● METHOD AND SYSTEM FOR TRANSMITTING, OUTSIDE A NETWORK, DATA USABLE ON THE NETWORK
● PROCEDE ET SYSTEME DE TRANSMISSION, EN DEHORS D'UN RESEAU, DE DONNEES UTILISABLES SUR LE RESEAU

(71, 72) **BRAC DE LA PERRIERE, Eric** [FR/FR]; 83, rue Segoffin, F-92400 Courbevoie (FR).

(74) **LAGET, Jean-Loup**; Cabinet Loyer, 78, avenue Raymond Poincaré, F-75116 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 98/52141** (13) A1

(21) PCT/CH98/00190

(22) 8 May/mai 1998 (08.05.1998)

(25) fr (26) fr

(31) 1086/97 (32) 9 May/mai 1997 (33) CH (09.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ G06K 7/08, 7/10(54) ● CONTACTLESS CHIP CARD ASSOCIATED WITH RF TRANSMISSION MEANS
● CARTE A PUCE SANS CONTACT ASSOCIEE A DES MOYENS DE TRANSMISSION RF(71) VALTAC [CH/CH]; Beaud, Alex, 109, chemin du Pont-du-Centenaire, CH-1228 Plan-les-Ouates (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BERNEY, Jean, Claude [CH/CH]; Route de Mouthé, CH-1343 Les Charbonnières (CH).

(74) FREI PATENTENWALTSBÜRO; Postfach 768, CH-8029 Zürich (CH).

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

(11) WO 98/52142 (13) A1

(21) PCT/GB98/01385

(22) 14 May/mai 1998 (14.05.1998)

(25) en (26) en

(31) 9709741.4 (32) 14 May/mai 1997 (33) GB (14.05.1997)

(31) 9724185.5 (32) 14 Nov/nov 1997 (33) GB (14.11.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ G06K 7/08, 7/10, 7/00(54) ● ENHANCED IDENTIFICATION SYSTEM
● SYSTEME D'IDENTIFICATION PERFECTIONNEE(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) ATKINS, Raymond, Catherall [ZA/ZA]; 227 Lunnon Road, Hillcrest, Pretoria 0083 (ZA). MARIAS, Mario, Alphonso [ZA/ZA]; 623 Muskwiet Street, Elarduspark, Pretoria 0181 (ZA). VAN ZYL SMIT, Hendrik [ZA/ZA]; 106 Snyman Road, Navors, Pretoria 0184 (ZA).

(74) JOHNSON, Reginald, George; BTG International Limited, Patents Division, 10 Fleet Place, London EC4 M 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).

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(25) en (26) en

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ G06K 7/10, 5/00, 15/00, G06F 7/08

(54) ● METHOD AND SYSTEM OF ELECTRONIC LABELING WITH VERIFICATION AND LOCATING CAPABILITIES

● PROCEDE ET SYSTEME D'ETIQUETAGE ELECTRONIQUE AVEC FONCTIONS DE VERIFICATION ET DE LOCALISATION

(71) SYRACUSE RESEARCH CORP. [US/US]; Merrill Lane, Syracuse, NY 13210-4080 (US).

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

(72, 75) ROMANO, James, P. [US/US]; 2112 E. Colvin Street, Syracuse, NY 13210 (US).

(74) McGUIRE, George, R.; Hancock & Estabrook, LLP, 1500 Mony Tower I, P.O. Box 4976, Syracuse, NY 13221-4976 (US).

(81) AU BB BG BR BY CA CN CZ FI HU JP KP KR KZ LK LV MG MN MW NO NZ PL RO RU SD SK UA 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 98/52144 (13) A1

(21) PCT/US98/09692

(22) 12 May/mai 1998 (12.05.1998)

(25) en (26) en

(31) 08/854,832 (32) 12 May/mai 1997 (33) US (12.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ G06K 7/10, 19/06

(54) ● WEB-ENABLED SYSTEM AND METHOD FOR DESIGNING AND MANUFACTURING LASER SCANNERS

● PROCEDE ET SYSTEME FONDES SUR LE WEB PERMETTANT DE CONCEVOIR ET DE FABRIQUER DES LECTEURS LASER

(71) METROLOGIC INSTRUMENTS, INC. [US/US]; 90 Coles Road, Blackwood, NJ 08012 (US).

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(72, 75) KNOWLES, C., Harry [US/US]; 425 East Linden Street, Morristown, NJ 08057 (US). DICKSON, Leroy [US/US]; Unit B, 16035 Caputo Drive, Morgan Hill, CA 95037 (US). AMUNDSEN, Thomas [US/US]; 620 Glen Court, Turnersville, NJ 08012 (US). GROOT, John [US/US]; 265 Arbor Valley Drive, San Jose, CA 95119 (US). CARULLO, Thomas, J. [US/US]; 5 Ridgemount Drive, Marlton, NJ 08053 (US).

(74) PERKOWSKI, Thomas, J.; Thomas J. Perkowski, P.C., Soundview Plaza, 1266 East Main Street, Stamford, CT 06902 (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 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) en (26) en

(31) 08/858,005 (32) 16 May/mai 1997 (33) US (16.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ G06K 9/20, A61B 5/117

(54) ● FINGERPRINT SENSOR INCLUDING AN ANISOTROPIC DIELECTRIC COATING AND ASSOCIATED METHODS

● CAPTEUR DACTYLOSCOPIQUE COMPRENANT UN REVETEMENT DIELECTRIQUE ANISOTROPE ET PROCEDES ASSOCIES

(71) HARRIS CORPORATION [US/US]; 1025 West Nasa Boulevard, Melbourne, FL 32919 (US).

(72) SETLAK, Dale, R.; 3633 Sandy Crane Court, Melbourne, FL 32934 (US). VAN VONNO, Nicolass, W.; 3775 Shady Run Road, Melbourne, FL 32934 (US). NEWTON, Charles, Mike; 1200 Monument Avenue, S.E., Palm Bay, FL 32909 (US). SALATINO, Mathew, M.; 615 Jackson Court, Satellite Beach, FL 32937 (US).

(74) NIYOI, 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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(21) PCT/US98/09228

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(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ G06K 9/20, A61B 5/117

(54) ● FINGERPRINT SENSOR HAVING FILTERING AND POWER CONSERVING FEATURES AND RELATED METHODS

● CAPTEUR DACTYLOSCOPIQUE PRESENTANT DES CARACTERISTIQUES DE FILTRAGE ET DE CONSERVATION DE PUISSANCE ET PROCEDES CORRESPONDANTS

(71) HARRIS CORPORATION [US/US]; 1025 West Nasa Boulevard, Melbourne, FL 32919 (US).

(72) SETLAK, Dale, R.; 3633 Sandy Crane Court, Melbourne, FL 32934 (US). GEBAUER, Dave; 7978 Timberlake Drive, West Melbourne, FL 32904 (US).

(74) NIYOI, Bidyut, K.; Harris Corporation, International Patent Operations, 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).

(11) WO 98/52147 (13) A1

(21) PCT/US98/09245

(22) 6 May/mai 1998 (06.05.1998)

(25) en (26) en

(31) 08/858,144 (32) 16 May/mai 1997 (33) US (16.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G06K 9/20, A61B 5/117**

- (54) ● ELECTRIC FIELD FINGERPRINT SENSOR HAVING ENHANCED FEATURES AND RELATED METHODS
- CAPTEUR DACTYLOSCOPIQUE DE CHAMP ELECTRIQUE POSSEDANT DES CARACTERISTIQUES AMELIOREES ET PROCEDES CORRESPONDANTS

(71) **HARRIS CORPORATION** [US/US]; 1035 West Nasa Boulevard, Melbourne, FL 32919 (US).(72) **SETLAK, Dale, R.**; 3633 Sandy Crane Court, Melbourne, FL 32934 (US). **VAN VONNO, Nicolaas, W.**; 3775 Sandy Avenue, N.E., Palm Bay, FL 32907 (US). **LOWTHER, Rex**; 955 Peachland Avenue, N.E., Palm Bay, FL 32907 (US). **GEBAUER, Dave**; 7978 Timberlake Drive, West Melbourne, FL 32904 (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).

(11) **WO 98/52148** (13) A1

(21) PCT/US98/09186

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

(25) en (26) en

(31) 08/858,035 (32) **16 May/mai 1997 (33) US (16.05.1997)**

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G06K 9/36, 9/46, H04N 7/12, H03M 7/00**

- (54) ● SYSTEM AND METHOD FOR SCALABLE CODING OF SPARSE DATA SETS
- SYSTEME ET PROCEDE DE CODAGE VARIABLE D'ENSEMBLES DE DONNEES CLAIRSEMES

(71) **TERALOGIC, INC.** [US/US]; 707 California Street, Mountain View, CA 94041-2005 (US).(72) **CHUI, Charles, K.**; Apartment 311, 1450 Oak Creek Drive, Palo Alto, CA 94304 (US). **ZHONG, Lefan**; Apartment 3, 1156 Ayala Drive, Sunnyvale, CA 94086 (US). **YI, Rongxiang**; Apartment 3, 1156 Ayala Drive, Sunnyvale, CA 94086 (US).(74) **WILLIAMS, Gary, S.** et al. / etc.; Flehr Hohbach Test Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111-4187 (US).

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

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(11) **WO 98/52149** (13) A1

(21) PCT/EP98/02612

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

(25) de (26) de

(31) A 812/97 (32) **13 May/mai 1997 (33) AT (13.05.1997)**

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G06K 9/46, A61B 5/117**

(54) ● METHOD FOR IDENTIFYING FINGERPRINTS

- PROCEDE POUR L'IDENTIFICATION D'EMPREINTES DIGITALES

(71) **SIEMENS AKTIENGESELLSCHAFT ÖSTERREICH** [AT/AT]; Siemensstrasse 88-92, A-1210 Wien (AT).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **HASELSTEINER, Ernst** [AT/AT]; Körösisstrasse 166, A-8010 Graz (AT). **HESCHGL, Kurt** [AT/AT]; Mariatrosterstrasse 10/67, A-8043 Graz (AT). **HRIBERNIG, Gerd** [AT/AT]; Anton-Schwarz-Gasse 10, A-8046 Graz (AT). **KLAMBAUER, Wilhelm** [AT/AT]; Tannenstrasse 34, A-8790 Eisenerz (AT). **KORP, Michael** [AT/AT]; Nadschweg 31, A-8044 Graz (AT). **MARIUS, Wolfgang** [AT/AT]; Am Rehgrund 18/1, A-8043 Graz (AT). **RAUNEGGER, Arno** [AT/AT]; Berlinerring 45, A-8046 Graz (AT). **UNGER, Erwin** [AT/AT]; Schrottenbachgasse 20, A-8042 Graz (AT). **WINDISCH, Claudia** [AT/AT]; Köppling 92, A-8565 St. Johann (AT).(74) **PEHAM, Alois**; Postfach 22 13 17, D-80503 München (DE).

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

Published / Publiée : (c)

(11) **WO 98/52150** (13) A1

(21) PCT/DE98/01360

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

(25) de (26) de

(31) 197 20 431.7 (32) **15 May/mai 1997 (33) DE (15.05.1997)**

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G06K 17/00**

- (54) ● DEVICE AND METHOD FOR PERSONALISING CHIP CARDS
- DISPOSITIF ET PROCEDE POUR LA PERSONNALISATION DE CARTES A PUCE

(71) **BETARESEARCH, GESELLSCHAFT FÜR ENTWICKLUNG UND VERMARKTUNG DIGITALER INFRASTRUKTUREN MBH** [DE/DE]; Betastrasse 1, D-85774 Unterföhring (DE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **HAGN, Thomas** [DE/DE]; Dreifaltigkeitsplatz 12, D-84028 Landshut (DE).(74) **BETTEN & RESCH**; Reichenbachstrasse 19, D-80469 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/52151** (13) A1

(21) PCT/SE98/00897

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

(25) sv (26) en

(31) 9701814-7 (32) **15 May/mai 1997 (33) SE (15.05.1997)**

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G06K 19/00, G07F 19/00, 7/10, H04L 9/32, 9/30**

(54) ● ELECTRONIC TRANSACTION

- TRANSACTION ELECTRONIQUE

(71) **ACCESS SECURITY SWEDEN AB** [SE/SE]; Mariebergs Säteri, S-147 92 Grödinge (SE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **SJÖBLOM, Hans** [SE/SE]; Vårgårdsvägen 51, S-133 36 Saltsjöbaden (SE).(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 HU ID IL IS JP KE KG KP KR KZ 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 98/52152** (13) A2

(21) PCT/GB98/01401

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

(25) en (26) en

(31) 60/046,514 (32) **15 May/mai 1997 (33) US (15.05.1997)**(31) 60/046,543 (32) **15 May/mai 1997 (33) US (15.05.1997)**(31) 09/078,051 (32) **13 May/mai 1998 (33) US (13.05.1998)**

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G06K 19/07**

- (54) ● COMMUNICATION BETWEEN INTERFACE DEVICE AND IC CARD
- COMMUNICATION ENTRE UN DISPOSITIF INTERFACE ET UNE CARTE DE CIRCUIT INTEGRE

(71) **MONDEX INTERNATIONAL LIMITED** [GB/GB]; 47-53 Cannon Street, London EC4M 5SQ (GB).(72) **RICHARDS, Timothy, Philip**; 32 Craig Mount, Radlett, Herts, WD7 7LW (GB). **PEACHAM, David, Anthony**; 4 Lynwood, Groombridge, Tunbridge Wells, Kent TN3 9LX (GB).(74) **POTTER, Julian, Mark**; 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52153** (13) A2

(21) PCT/GB98/01411

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

(25) en (26) en

- (31) 60/046,514 (32) **15 May/mai 1997** (33) US
(15.05.1997)
- (31) 60/046,543 (32) **15 May/mai 1997** (33) US
(15.05.1997)
- (31) 09/075,975 (32) **11 May/mai 1998** (33) US
(11.05.1998)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G06K 19/07**

(54) ● IC CARD WITH SHELL FEATURE

- CARTE A CIRCUIT INTEGRE AVEC FONCTION INTERPRETEUR

(71) **MONDEX INTERNATIONAL LIMITED** [GB/GB]; 47-53 Cannon Street, London EC4M 5SQ (GB).

(72) **RICHARDS, Timothy, Philip**; 32 Craig Mount, Radlett, Herts WD7 7LW (GB).

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

(11) **WO 98/52154** (13) A1

(21) PCT/EP98/02704

(22) **8 May/mai 1998 (08.05.1998)**

(25) de (26) de

(31) 197 20 226.8 (32) **14 May/mai 1997** (33) DE
(14.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G06K 19/077**

(54) ● METHOD AND DEVICE FOR PRODUCING CHIP CARDS

- PROCEDE ET DISPOSITIF POUR LA FABRICATION DE CARTES A PUCE

(71) **MEINEN, ZIEGEL & CO. GMBH** [DE/DE]; Friedrich-Bergius-Strasse 12, D-85635 Höhenkirchen-Siegertsbrunn (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72) **75 MEINEN, Tomas** [DE/DE]; Richard-Wagner-Strasse 41, D-82049 Pullach (DE).
GÖBEL, Bernd [DE/DE]; St. Blasien-Strasse 10, D-80809 München (DE).

(74) **BOHNENBERGER, Johannes** et al. / etc.; Meissner, Bolte & Partner, Postfach 86 06 24, D-81633 München (DE).

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

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(11) **WO 98/52155** (13) A1

(21) PCT/US98/10064

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

(25) en (26) en

(31) 08/858,026 (32) **16 May/mai 1997** (33) US
(16.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G06K 19/077**

(54) ● METHODS OF ENHANCING ELECTROMAGNETIC RADIATION PROPERTIES OF ENCAPSULATED CIRCUIT, AND RELATED DEVICES

- PROCEDES PERMETTANT D'AMELIORER LES PROPRIETES DE RAYONNEMENT ELECTROMAGNETIQUE D'UN CIRCUIT ENCAPSULE ET DISPOSITIFS ASSOCIES

(71) **MICRON COMMUNICATIONS, INC.** [US/US]; 8000 South Federal Way, Boise, ID 83706-9632 (US).

(72) **TUTTLE, Mark, E.**; 1998 Table Rock Road, Boise, ID 83712 (US).
LAKE, Rickie, C.; 338 Pebble Beach Court, Eagle, ID 83616 (US).

(74) **MATKIN, Mark, S.** et al. / etc.; Wells, St. John, Roberts, Gregory & Matkin, P.S., Suite 1300, W. 601 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 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 98/52156** (13) A1

(21) PCT/US98/09778

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

(25) en (26) en

(31) 08/857,199 (32) **15 May/mai 1997** (33) US
(15.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G06T 7/00, G05B 19/418**

(54) ● METHOD AND APPARATUS FOR AUTOMATED VISUAL CONTROL

- PROCEDE ET APPAREIL DE COMMANDE VISUELLE AUTOMATISEE

(71) **PANASONIC TECHNOLOGIES, INC.** [US/US]; Suite 200, 2505 Meridian Parkway, Durham, NC 27713 (US).

(72) **WOOSTER, Andrew**; 1607 Lorraine Road, Raleigh, NC 27607 (US).
DEO, Shantanu; Apartment 11, 3202 Stonestrow Lane, Durham, NC 27713 (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) JP KR.

(11) **WO 98/52157** (13) A1

(21) PCT/US98/09292

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 08/858,142 (32) **16 May/mai 1997** (33) US
(16.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G07C 9/00, G06K 9/00**

(54) ● FINGERPRINT SENSOR WITH GAIN CONTROL FEATURES AND ASSOCIATED METHODS

- CAPTEUR DACTYLOSCOPIQUE PRESENTANT DES CARACTERISTIQUES DE COMMANDE DE GAIN ET PROCEDES ASSOCIES

(71) **HARRIS CORPORATION** [US/US]; 1025 West Nasa Boulevard, Melbourne, FL 32919 (US).

(72) **SETLAK, Dale, R.**; 3633 Sandy Crane Court, Melbourne, FL 32934 (US).
CORNETT, John; 503 4th Avenue, Melbourne Beach, FL 32951 (US).
KILGORE, Brian; 1368 Elcon Drive, Melbourne, FL 32904 (US).
WILLIAMS, Daryl; 210 Narragansett Street, N.E., Palm Bay, FL 32907 (US).
GEBAUER, David, C.; 7978 Timberlake Drive, West Melbourne, FL 32904 (US).

(74) **NIYOGLI, Bidyut, K.**; Harris Corporation, 1025 West Nasa Boulevard MS 80, 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).

(11) **WO 98/52158** (13) A2

(21) PCT/GB98/01388

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

(25) en (26) en

(31) 60/046,514 (32) **15 May/mai 1997** (33) US
(15.05.1997)

(31) 60/046,543 (32) **15 May/mai 1997** (33) US
(15.05.1997)

(31) 09/078,031 (32) **13 May/mai 1998** (33) US
(13.05.1998)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G07F 7/10**

(54) ● INTEGRATED CIRCUIT CARD WITH APPLICATION HISTORY LIST

- CARTE A CIRCUIT INTEGRE A LISTE D'HISTORIQUE D'APPLICATIONS

(71) **MONDEX INTERNATIONAL LIMITED** [GB/GB]; 47-53 Cannon Street, London EC4M 5SQ (GB).

(72) **EVERETT, David, Barrington**; 31 Ashdown Avenue, Saltdean, Brighton, East Sussex BN2 8AH (GB).
MILLER, Stuart, James; 9 Woodford Green, The Warren, Bracknell, Berks. RG12 9YQ (GB).
PEACHAM, Anthony, David; 4 Lynwood, Groombridge, Tunbridge Wells, Kent TN3 9LX (GB).
SIMMONS, Ian, Stephens; The Elms, School Road, Broughton, Cambs. PE17 3AT (GB).
RICHARDS, Timothy, Philip; 32 Craig Mount, Radlett, Herts. WD7 7LW (GB).
VINER, John, Charles; Hydes, Woodlands Lane, Windlesham GU20 6DL (GB).

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

(11) **WO 98/52159** (13) A2

(21) PCT/GB98/01390

(22) 14 May/mai 1998 (14.05.1998)

(25) en (26) en

(31) 60/046,514 (32) 15 May/mai 1997 (33) US (15.05.1997)

(31) 60/046,543 (32) 15 May/mai 1997 (33) US (15.05.1997)

(31) 09/064,915 (32) 23 Apr/avr 1998 (33) US (23.04.1998)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ G07F 7/10

(54) ● MULTI-APPLICATION IC CARD WITH DELEGATION FEATURE

● CARTE A CIRCUIT INTEGRE A PLUSIEURS APPLICATIONS ET DOTEE D'UN MECANISME DE DELEGATION

(71) MONDEX INTERNATIONAL LIMITED [GB/GB]; 47-53 Cannon Street, London EC4M 5SQ (GB).

(72) EVERETT, David, Barrington; 31 Ashdown Avenue, Saltdean, Brighton, East Sussex BN2 8AH (GB). MILLER, Stuart, James; 9 Woodford Green, The Warren, Bracknell, Berks RG12 9YQ (GB). PEACHAM, Anthony, David; 4 Lynwood, Groombridge, Tunbridge Wells, Kent TN3 9LX (GB). SIMMONS, Ian, Stephens; The Elms, School Road, Broughton, Cambs PE17 3AT (GB). RICHARDS, Timothy, Philip; 32 Craig Mount, Radlett, Herts WD7 7LW (GB). VINER, John, Charles; Hydes, Woodlands Lane, Windlesham (GB).

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

(11) WO 98/52160 (13) A2

(21) PCT/GB98/01393

(22) 14 May/mai 1998 (14.05.1998)

(25) en (26) en

(31) 60/046,514 (32) 15 May/mai 1997 (33) US (15.05.1997)

(31) 09/076,550 (32) 12 May/mai 1998 (33) US (12.05.1998)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ G07F 7/10

(54) ● SYSTEM AND METHOD FOR FLEXIBLY LOADING AN IC CARD

● SYSTEME ET PROCEDE PERMETTANT DE CHARGER DE MANIERE FLEXIBLE UNE CARTE A CIRCUIT INTEGRE

(71) MONDEX INTERNATIONAL LIMITED [GB/GB]; 47-53 Cannon Street, London EC4M 5SQ (GB).

(72) EVERETT, David, Barrington; 31 Ashdown Avenue, Saltdean, Brighton, East Sussex BN2 8AH (GB). MILLER, Stuart, James; 9 Woodford Green, The Warren, Bracknell, Berkshire RG12 9YQ (GB). PEACHAM, Anthony, David; 4 Lynwood, Groombridge, Tunbridge Wells, Kent TN3 9LX (GB). SIMMONS, Ian, Stephen; The Elms, School Road, Broughton, Cambridgeshire PE17 3AT (GB). RICHARDS, Timothy, Philip; 32 Craig Mount, Radlett, Hertfordshire WD7 7LW (GB). VINER, John, Charles; Hydes, Woodlands Lane, Windlesham (GB).

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

(11) WO 98/52161 (13) A2

(21) PCT/GB98/01394

(22) 14 May/mai 1998 (14.05.1998)

(25) en (26) en

(31) 60/046,514 (32) 15 May/mai 1997 (33) US (15.05.1997)

(31) 09/075,974 (32) 11 May/mai 1998 (33) US (11.05.1998)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ G07F 7/10

(54) ● KEY TRANSFORMATION UNIT FOR AN IC CARD

● UNITE DE TRANSFORMATION DE CLE DESTINEE A UNE CARTE A CIRCUIT INTEGRE

(71) MONDEX INTERNATIONAL LIMITED [GB/GB]; 47-53 Cannon Street, London EC4M 5SQ (GB).

(72) RICHARDS, Timothy, Philip; 32 Craig Mount, Radlett, Herts. WD7 7LW (GB).

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

(11) WO 98/52162 (13) A2

(21) PCT/GB98/01402

(22) 14 May/mai 1998 (14.05.1998)

(25) en (26) en

(31) 60/046,514 (32) 15 May/mai 1997 (33) US (15.05.1997)

(31) 60/036,543 (32) 15 May/mai 1997 (33) US (15.05.1997)

(31) 09/023,057 (32) 12 Feb/fév 1998 (33) US (12.02.1998)

(31) 09/076,551 (32) 12 May/mai 1998 (33) US (12.05.1998)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ G07F 7/10

(54) ● SECURE MULTIPLE APPLICATION CARD SYSTEM AND PROCESS

● PROCEDE ET SYSTEME PROTEGE DE CARTE A APPLICATIONS MULTIPLES

(71) MONDEX INTERNATIONAL LIMITED [GB/GB]; 47-53 Cannon Street, London EC4M 5SQ (GB).

(72) EVERETT, David, Barrington; 31 Ashdown Avenue, Saltdean, Brighton, East Sussex BN2 8AH (GB). MILLER, Stuart, James; 9 Woodford Green, The Warren, Bracknell, Berks RG12 9YQ (GB). PEACHAM, Anthony, David; 4 Lynwood, Groombridge, Tunbridge Wells, Kent TN3 9LX (GB). SIMMONS, Ian, Stephens; The Elms, School Road, Broughton, Cambs PE17 3AT (GB). RICHARDS, Timothy, Philip; 32 Craig Mount, Radlett, Herts WD7 7LW (GB). VINER, John, Charles; Hydes, Woodlands Lane, Windlesham (GB).

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

(11) WO 98/52163 (13) A2

(21) PCT/GB98/01405

(22) 14 May/mai 1998 (14.05.1998)

(25) en (26) en

(31) 60/046,514 (32) 15 May/mai 1997 (33) US (15.05.1997)

(31) 09/075,973 (32) 11 May/mai 1998 (33) US (11.05.1998)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ G07F 7/10

(54) ● IC CARD TRANSPORTATION KEY SET

● ENSEMBLE CLE DE TRANSPORT POUR CARTE A CIRCUIT INTEGRE

(71) MONDEX INTERNATIONAL LIMITED [GB/GB]; 47-53 Cannon Street, London EC4M 5SQ (GB).

(72) RICHARDS, Timothy, Philip; 32 Craig Mount, Radlett, Herts. WD7 7LW (GB). EVERETT, David, Barrington; 31 Ashdown Avenue, Saltdean, Brighton, East Sussex BN2 8AH (GB). VINER, John, Charles; Hydes, Woodlands Lane, Windlesham (GB).

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

(11) WO 98/52164 (13) A1

(21) PCT/HU98/00051

(22) 14 May/mai 1998 (14.05.1998)

(25) en (26) en

(31) U 97 00136 (32) 14 May/mai 1997 (33) HU (14.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ G07F 7/10, G07C 9/00, G07F 19/00

(54) ● IDENTIFICATION TERMINAL EXTENSION FOR CONTACTLESS AUTHORIZATION TO REALIZE DIRECT COMPUTER TRANSACTIONS

● POSTE DE FIN DE LIGNE ET D'IDENTIFICATION PERMETTANT DE DONNER DES AUTORISATIONS SANS CONTACT AFIN D'EFFECTUER DES TRANSACTIONS INFORMATIQUES DIRECTES

(71, 72) **TALMAIER, Ferencné** [HU/HU]; Arany János u. 25, H-1153 Budapest (HU). **KOCSIS, András** [HU/HU]; Csónakház u. 8, H-1031 Budapest (HU). **UJHELY, Péter** [HU/HU]; Hankóczy Jenő u. 14, H-1022 Budapest (HU).(74) **S.B.G. & K. PATENT AND LAW OFFICES**; Andrassy út 113, H-1062 Budapest (HU).

(81) ; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/52165** (13) A1

(21) PCT/US97/08157

(22) **9 May/mai 1997 (09.05.1997)**

(25) en (26) en

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ G07F 9/08, 17/32

(54) ● COLLECTION SYSTEM FOR MULTIPLE MONEY-ACTUATED MACHINES

● SYSTEME COLLECTEUR POUR DE MULTIPLES MACHINES ACTIONNEES PAR L'INTRODUCTION D'ARGENT

(71) **GLOBAL PAYMENT TECHNOLOGIES, INC.** [US/US]; 425B Oser Avenue, Hauppauge, NY 11788 (US).(72) **WALSH, Michael**; 22 Travis Road, E. Patchogue, NY 11772 (US). **BLASZCZEC, Mirosław**; 225 S. First Street, Lindenhurst, NY 11757 (US). **SORIANO, Salvatore**; 258-15 147th Avenue, Rosedale, NY 11422 (US). **WOOD, William**; 621 Farr Shore Drive, Hot Springs, AR 71913 (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 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).

Published / Publiée : (a)

(11) **WO 98/52166** (13) A2

(21) PCT/EP98/02536

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) PD97A000103 (32) **12 May/mai 1997 (12.05.1997)** (33) IT

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ G07F 11/00

(54) ● HERMETIC SEALING ASSEMBLY FOR REFRIGERATORS IN MACHINES FOR VENDING PREPACKAGED FOODSTUFFS, SUCH AS TOASTS, SMALL PIZZAS OR THE LIKE

● ENSEMBLE DE FERMETURE HERMETIQUE POUR DISPOSITIFS FRIGORIFIQUES SE TROUVANT DANS DES DISTRIBUTEURS AUTOMATIQUES D'ALIMENTS PREEM-BALLES, TELS QUE DES TOASTS, DE PETITES PIZZAS OU DES ALIMENTS ANALOGUES

(71, 72) **TOCCHET, Ivan** [IT/IT]; Via Pian Salesei, 18, I-31029 Vittorio Veneto (IT).(74) **MODIANO, Guido**; Modiano & Associati, Via Meravigli, 16, I-20123 Milan (IT).

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

(11) **WO 98/52167** (13) A1

(21) PCT/GB98/01295

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

(25) en (26) en

(31) 9709602.8 (32) **12 May/mai 1997 (12.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ G07F 15/00, 7/02, G01F 15/00

(54) ● CREDIT TRANSFER IN METERING SYSTEMS

● TRANSFERT DE CREDIT POUR SYSTEMES DE COMPTEURS

(71) **LG (UK) LTD.** [GB/GB]; 30 Hortonwood, Telford, Shropshire TF1 4ET (GB).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **WILCZYNSKI, Piotr, Pawel** [GB/GB]; 92 Beaconsfield, Brookside, Telford, Shropshire TF3 1NH (GB).(74) **PRATT, Richard, Wilson**; D Young & Co., 21 New Fetter Lane, London EC4A 1DA (GB).

(81) AU BR 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 98/52168** (13) A2

(21) PCT/US98/10136

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

(25) en (26) en

(31) 60/046,419 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ G08B

(54) ● READER FOR RFID SYSTEM

● LECTEUR POUR SYSTEME D'IDENTIFICATION DE RADIO-FREQUENCES

(71) **AVID IDENTIFICATION SYSTEMS, INC.** [US/US]; Suite 5, 3179 Hamner Avenue, Norco, CA 91760 (US).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **LU, Guiyang** [US/US]; 1718 Eastgate Avenue, Upland, CA 91784 (US). **CRUZ, Michael, F.** [US/US]; 1375 Genova Drive #208, Corona, CA 91720 (US). **TROESCH, Peter** [US/US]; Suite 5, 3179 Hamner Avenue, Norco, CA 91760 (US).(74) **ABEL, David, B.** et al. / etc.; Graham & James LLP, 14th floor, 801 S. Figueroa Street, Los Angeles, CA 90017-5554 (US).

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

(11) **WO 98/52169** (13) A1

(21) PCT/US98/09612

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

(25) en (26) en

(31) 60/046,342 (32) **13 May/mai 1997 (13.05.1997)** (33) US(31) 60/079,029 (32) **23 Mar/mar 1998 (23.03.1998)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ G08B 1/08

(54) ● WINDOW-MOUNTED MESSAGE DEVICE FOR VEHICLES

● DISPOSITIF DE MESSAGERIE POUR AUTOMOBILES MONTE SUR LA FENETRE

(71, 72) **BRENNAN, Michael, E., Jr.** [US/US]; 10 Evermay Drive, Williamsville, NY 14221 (US).(74) **SIMPSON, Robert, P.**; Bilicki & Simpson, P.C., Marine Midland Bank Building, Suite 200, 5554 Main Street, Williamsville, NY 14221 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/52170** (13) A1

(21) PCT/US98/09859

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

(25) en (26) en

(31) 60/046,435 (32) **14 May/mai 1997 (14.05.1997)** (33) US(31) 08/881,484 (32) **24 Jun/juin 1997 (24.06.1997)** (33) US(31) 08/934,431 (32) **19 Sep/sep 1997 (19.09.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ G08B 3/00

(54) ● PLASTIC HORN

● AVERTISSEUR EN PLASTIQUE

(71) **SPARTON CORPORATION** [US/US]; 2400 East Ganson Street, Jackson, MI 49202 (US).(72) **JONES, Kendal, J.**; 416 West St. John, Olney, IL 62450 (US). **BAXTER, Melburn, J.**; 1125 Sky Lane, Deland, FL 32720 (US). **HOCKENBROCHT, David, W.**; 1736 Seven Oaks Road, Jackson, MI 49203 (US).(74) **ETHINGTON, Paul, J.**; Reising, Ethington, Learman & McCulloch, P.O. Box 4390, Troy, MI 48099 (US).

(81) CA MX.

Published / Publiée : (c)

(11) **WO 98/52171** (13) A1

(21) PCT/EP98/02544

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) de (26) de

(31) 197 20 319.1 (32) **15 May/mai 1997 (15.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G08B 13/24**

(54) ● METHOD AND DEVICE FOR PRODUCING SECURITY ELEMENTS FOR ELECTRONICALLY SECURING GOODS AND A CORRESPONDING SECURITY ELEMENT

● PROCEDE ET DISPOSITIF POUR FABRIQUER DES ELEMENTS DE SECURITE DESTINES A LA SECURITE ELECTRONIQUE DES MARCHANDISES, ET ELEMENT DE SECURITE CORRESPONDANT

(71) **METO INTERNATIONAL GMBH** [DE/DE]; Er-sheimer Strasse 69, D-69434 Hirschhorn (DE). (for all designated States except / pour tous les États désignés sauf US)(72, 75) **DETLEF, Duschek** [DE/DE]; Grünesgasse 5, D-64759 Sensbachtal (DE). **GORDON, Klassen** [US/US]; 2541 E. Markwood Street, Duarte, CA 91010 (US).(74) **METO INTERNATIONAL GMBH**; IPR Department, Westerwaldstrabe 3-13, D-64646 Heppenheim (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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/52172** (13) A2

(21) PCT/EP98/02626

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

(25) de (26) de

(31) 197 19 730.2 (32) **9 May/mai 1997 (09.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G08C 17/04, H04B 5/00**

(54) ● PLUG-AND-SOCKET CONNECTION

● CONNECTEUR MALE-FEMELLE

(71) **BARTEC COMPONENTEN UND SYSTEME GMBH** [DE/DE]; Max-Eyth-Strasse 16, D-97980 Bad Mergentheim (DE). (for all designated States except / pour tous les États désignés sauf US)(72, 75) **BÖHM, Alfred** [DE/DE]; Waldfrieden 12, D-94234 Viechtach (DE). **BARLIAN, Reinhold, A.** [DE/DE]; Daimlerstrasse 8, D-97980 Bad Mergentheim (DE). **LANG, Rainer** [DE/DE]; Lindenweg 1, D-97285 Röttingen (DE).(74) **HEIM, Hans-Karl** et al. / etc.; Weber & Heim, Irmgardstrasse 3, D-81479 München (DE).

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

(11) **WO 98/52173** (13) A1

(21) PCT/DE98/01359

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

(25) de (26) de

(31) 197 20 415.5 (32) **15 May/mai 1997 (15.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G08G 1/14**

(54) ● METHOD FOR DETERMINING OCCUPATION OF A PARKING AREA

● PROCEDE DE DETERMINATION DE L'OCCUPATION DE L'ESPACE DE STATIONNEMENT

(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) **LACKNER, Thomas** [AT/DE]; Joseph-Heppner-Strasse 21 A, D-82049 Pullach (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 98/52174** (13) A1

(21) PCT/FI97/00281

(22) **13 May/mai 1997 (13.05.1997)**

(25) fi (26) en

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G08G 5/06**

(54) ● METHOD AND CONTROL SYSTEM FOR OPERATIVE TRAFFIC

● PROCEDE ET SYSTEME DE GESTION DU TRAFIC D'OPERATIONS DIVERSES

(71, 72) **HATJASALO, Leo** [FI/FI]; Särkiniementie 11 A 6, FIN-00210 Helsinki (FI).(74) **KANGASMÄKI, Reijo**; Finnish Patent Consulting FPC, Hermiankatu 14, FIN-33720 Tampere (FI).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK 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 98/52175** (13) A2

(21) PCT/US98/09856

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

(25) en (26) en

(31) 08/858,037 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G09B**

(54) ● MACHINING TOOL OPERATOR TRAINING SYSTEM

● SYSTEME DE FORMATION D'OPERATEUR SUR MACHINE-OUTIL

(71) **NORTHROP GRUMMAN CORPORATION** [US/US]; 1840 Century Park East, Los Angeles, CA 90067-2199 (US).(72) **BULLEN, George, N.**; 342 Hollywood Boulevard, Oxnard, CA 93035 (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 98/52176** (13) A1

(21) PCT/JP98/02040

(22) **8 May/mai 1998 (08.05.1998)**

(25) ja (26) ja

(31) 9/119830 (32) **9 May/mai 1997 (09.05.1997)** (33) JP(31) 9/144374 (32) **2 Jun/juin 1997 (02.06.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G09B 29/10, G06T 17/50, G08G 1/0969, G01C 21/00**

(54) ● MAP DATABASE DEVICE, MAP DISPLAYING DEVICE AND RECORDING MEDIUM HAVING AND USING HEIGHT DATA EFFICIENTLY

● DISPOSITIF DE BASE DE DONNEES POUR CARTES, DISPOSITIF D'AFFICHAGE ET SUPPORT D'ENREGISTREMENT DE CARTES COMPORTANT ET UTILISANT EFFICACEMENT LES DONNEES DE HAUTEUR

(71) **XANAUI INFORMATICS CORPORATION** [JP/JP]; 4991, Hironodai 2-chome, Zama-shi, Kanagawa 228-0012 (JP).

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

(72, 75) **MATSUOKA, Youji** [JP/JP]; (JP). **OHUCHI, Katsuo** [JP/JP]; Xanavi Informatics Corporation, 4991, Hironodai 2-chome, Zama-shi, Kanagawa 228-0012 (JP).(74) **NAGAI, Fuyuki**; Shoyu-Kaikan, 3-1, Kasumiga-seki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

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

(11) **WO 98/52177** (13) A2

(21) PCT/US98/08780

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/857,778 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G09F**

(54) ● METHOD AND APPARATUS FOR DRIVING A CAPACITIVE DISPLAY DEVICE

● PROCEDE ET DISPOSITIF POUR L'ATTAQUE D'UN VISUEL CAPACITIF

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).(72) **PAGONES, Andrew, J.**; 761 Hackberry Lane, Algonquin, IL 60102 (US).(74) **DOCKREY, Jasper, W.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (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 98/52178** (13) A1

(21) PCT/US97/08024

(22) **13 May/mai 1997 (13.05.1997)**

(25) en (26) en

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G09F 3/00**

(54) ● SECURITY LABEL AND METHOD OF USE
● ETIQUETTE DE SECURITE ET PROCEDE D'UTILISATION

(71) **OPTICAL SECURITY GROUP, INC.** [US/US]; Suite 920, 535 16th Street, Denver, CO 80202 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WOOD, Glenn, P.** [GB/GB]; 81A Griffon Close, Shephed, Leicestershire LE12 9QQ (GB).

(74) **RADACK, David, V.**; Eckert Seamans Cherin & Mellott, LLC, 42nd floor, 600 Grant Street, Pittsburgh, PA 15129 (US).

(81) 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 98/52179** (13) A1

(21) PCT/IB98/00394

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 97201403.9 (32) **9 May/mai 1997 (09.05.1997)** (33) EP

(34) NL et al. / etc.

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G09F 9/35, G02F 1/133, 1/1343**

(54) ● DISPLAY DEVICE
● DISPOSITIF D'AFFICHAGE

(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 SLOOTEN, Udo**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **KOPPEN, Jan**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).

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

(11) **WO 98/52180** (13) A1

(21) PCT/GB98/01330

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 9709687.9 (32) **13 May/mai 1997 (13.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G09F 13/04**

(54) ● DISPLAY DEVICE
● UNITE D'AFFICHAGE

(71) **ADLAMPS (UK) LTD.** [GB/GB]; 78 Newman Street, London W1P 3LA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BANHAM, John, Edward** [GB/GB]; 106 Bolinbroke Grove, London SW11 1DA (GB). **PENN, Alan, Charles** [GB/GB]; The Laurels, 2 Dukes Wood Avenue, Gerrards Cross, Buckinghamshire SL9 7JS (GB). **DEVANI, Bharat** [GB/GB]; 1 Ravenswood Park, Northwood, Middlesex HA6 3PR (GB). **TYE, Martin** [GB/GB]; 11 The Poynings, Richings Park, Iver, Buckinghamshire SL0 9EU (GB). **EVERITT, Barry, James** [GB/GB]; 24 Tilmans Mead, Farningham, Kent DA4 0BY (GB). **WALLIS, Murray** [GB/GB]; 1 Alwyne Close, Elstree, Hertfordshire WD6 3LF (GB).

(74) **STURT, Clifford, Mark**; Miller Sturt Kenyon, 9 John Street, London WC1N 2ES (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 98/52181** (13) A1

(21) PCT/KR98/00117

(22) **12 May/mai 1998 (12.05.1998)**

(25) ja (26) ja

(31) 1997/18192 (32) **12 May/mai 1997 (12.05.1997)** (33) KR

(31) 9/274490 (32) **7 Oct/oct 1997 (07.10.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G09F 13/18, 13/08, 23/04, G02B 6/00**

(54) ● ILLUMINATED SIGNBOARD AND SHADED DESK/FLOOR LAMP
● ENSEIGNES LUMINEUSES ET LAMPES DE TABLE/SUR PIED A ABAT-JOUR

(71, 72) **KI, Kil-woong** [KR/KR]; Joong-ang Apartment 161-1503, 162-2, Chunggye-4-dong, Nowon-ku, Seoul 139-224 (KR).

(74) **HWANG, Byung-il**; B.I. Hwang Patent & Law Office, Invention Hall, Room 703, 814-3, Yeeok-sam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) AL AU BA BB BG BR CA CN CU CZ GE HU ID MX NO PL TR TT UA US 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 98/52182** (13) A1

(21) PCT/GB97/01315

(22) **14 May/mai 1997 (14.05.1997)**

(25) en (26) en

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G09G 3/32, 3/20**

(54) ● DISPLAY SYSTEM WITH BRIGHTNESS CORRECTION

● SYSTEME D'AFFICHAGE AVEC CORRECTION DE LA LUMINOSITE

(71) **UNISPLAY S.A.** [CH/CH]; 56, Grand-Rue, CH-1700 Fribourg (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SALAM, Hassan, Paddy, Abdel** [GB/GB]; 63 Lowther Road, Barnes, London SW13 9NT (GB).

(74) **CRAWFORD, Andrew, Birkby**; A.A. Thornton & Co., Northumberland House, 303-306 High Holborn, London WC1V 7LE (GB).

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

(11) **WO 98/52183** (13) A1

(21) PCT/JP98/02065

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

(25) ja (26) ja

(31) 9/126940 (32) **16 May/mai 1997 (16.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G09G 5/00**

(54) ● DEVICE AND METHOD FOR CONVERTING SCANNING
● DISPOSITIF ET PROCEDE DE CONVERSION DE BALAYAGE

(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) **MIYAZAKI, Shinichiro** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **KONDO, Makoto** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) **SUGIURA, Masatomo**; Room 420, 25 Sankyo Building, 48-10, Higashi Ikebukuro 1-chome, Toshima-ku, Tokyo 170-0013 (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 98/52184** (13) A1

(21) PCT/US98/08173

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 9/123858 (32) **14 May/mai 1997 (14.05.1997)** (33) JP

(31) 08/904,670 (32) **1 Aug/août 1997 (01.08.1997)** (33) US

(31) 08/954,838 (32) **21 Oct/oct 1997 (21.10.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G09G 5/00, G08C 21/00**

(54) ● ACOUSTIC TOUCH POSITION SENSOR USING A LOW ACOUSTIC LOSS TRANSPARENT SUBSTRATE

● CAPTEUR ACOUSTIQUE DE POSITION D'EFFLEUREMENT UTILISANT UN SUBSTRAT TRANSPARENT A FAIBLE PERTE ACOUSTIQUE

(71) **ELO TOUCHSYSTEMS, INC.** [US/US]; 41752 Christy Street, Fremont, CA 94538 (US).

- (72) **KENT, Joel**; 35937 Gaskell Court, Fremont, CA 94536 (US). **TSUMURA, Masahiro**; 2-140-1, Hamadera-minami-machi, Sakai-si, Osaka (JP).
- (74) **MILDE, Karl, F., Jr.**; Milde, Hoffberg & Macklin, LLP, Suite 460, 10 Bank Street, White Plains, NY 10606 (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 KE KG 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).

(11) **WO 98/52185** (13) A1

(21) PCT/US98/10043

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

(25) en (26) en

(31) 08/856,546 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G09G 5/04**

- (54) ● SOFTWARE-BASED DITHERING METHOD AND APPARATUS USING RAMP PROBABILITY LOGIC
● PROCEDE DE JUXTAPOSITION BASE SUR UN LOGICIEL ET APPAREIL UTILISANT UNE LOGIQUE DES PROBABILITES DE RAMPE

(71) **S3 INCORPORATED** [US/US]; 2801 Mission College Boulevard, Santa Clara, CA 95052-8058 (US).

(72) **VASWANI, Gautam**; 12605 Grimes Ranch Court, Austin, TX 78732 (US). **WILDE, Daniel, P.**; 2814 Hannah Kay Lane, Cedar Park, TX 78613 (US). **DYE, Thomas**; 6621 Candle Ridge Cove, Austin, TX 78737 (US).

(74) **SUEOKA, Greg, T.** 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 98/52186** (13) A1

(21) PCT/US98/09829

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

(25) en (26) en

(31) 08/856,380 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G10L 3/00**

- (54) ● SPEECH ACTIVATED CONTROL ADAPTABLE TO ANY COMMANDE WORD AND ASSOCIATED KEYSTROKE
● COMMANDE ACTIVEE PAR LA VOIX, S'ADAPTANT A TOUT MOT DE COMMANDE ET TOUCHE ASSOCIEE

(71) **K2 INTERACTIVE** [US/US]; Suite 314, 4606 East 67th Street, Tulsa, OK 74136 (US).

(72) **KUDIRKA, James**; Apartment 304G, 7740 South Riverside Drive, Tulsa, OK 74136 (US). **KUDIRKA, Thomas**; 8932 South 95th Place, Tulsa, OK 74113 (US). **MALTBY, Philip, M.**; 2261 South St. Lewis, Tulsa, OK 74114 (US).

(74) **KOWALSKI, Thomas, J.** et al. / etc.; Frommer Lawrence & Haug LLP, 745 Fifth Avenue, New York, NY 10151 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/52187** (13) A1

(21) PCT/GB98/01414

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

(25) en (26) en

(31) 97303321.0 (32) **15 May/mai 1997 (15.05.1997)** (33) EP

(34) GB et al. / etc.

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G10L 9/14**

(54) ● AUDIO CODING SYSTEMS AND METHODS
● PROCEDES ET SYSTEMES DE CODAGE AUDIO

(71) **HEWLETT-PACKARD COMPANY** [US/US]; 3000 Hanover Street, Palo Alto, CA 94304 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TUCKER, Roger, Cecil, Ferry** [GB/GB]; Beracah House, Gloucester Road, Tutshill, Chepstow, Monmouthshire NP5 7DA (GB). **SEYMOUR, Carl, William** [GB/GB]; 26 Parsonage Street, Cambridge CB5 8DN (GB). **ROBINSON, Anthony, John** [GB/GB]; 39 Harvey Goodwin Avenue, Cambridge CB4 3EX (GB).

(74) **NEWELL, William, Joseph** et al. / etc.; Wynne-Jones, Laine and James, 22 Rodney Road, Cheltenham GL50 1JJ (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 98/52188** (13) A1

(21) PCT/JP98/02135

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

(25) ja (26) ja

(31) 9/125844 (32) **15 May/mai 1997 (15.05.1997)** (33) JP

(31) 10/62413 (32) **13 Mar/mar 1998 (13.03.1998)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G10L 9/18, H03M 7/30**

- (54) ● AUDIO SIGNAL ENCODER, AUDIO SIGNAL DECODER, AND METHOD FOR ENCODING AND DECODING AUDIO SIGNAL
● CODEUR DE SIGNAUX AUDIO, DECODEUR DE SIGNAUX AUDIO, ET PROCEDE DE CODAGE ET DE DECODAGE DE SIGNAUX AUDIO

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma-shi, Osaka 571-8501 (JP).

(72) **TSUSHIMA, Mineo**; 5-5-302, Myokenzaka, Katano-shi, Osaka 576-0021 (JP). **NORIMATSU, Takeshi**; 5-3-8-402, Fujiwaradaikitamachi, Kita-ku, Kobe-shi, Hyogo 651-1301 (JP). **ISHIKAWA, Tomokazu**; 4-6-14, Sanwa-cho, Toyonaka-shi, Osaka 561-0828 (JP).

(74) **HAYASE, Kenichi**; 8F, Ana Building, 17-1, Enoki-cho, Suita-shi, Osaka 564-0053 (JP).

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

Published / Publiée : (c)

(11) **WO 98/52189** (13) A2

(21) PCT/US98/10035

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

(25) en (26) en

(31) 60/046,511 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(31) 60/051,805 (32) **7 Jul/juil 1997 (07.07.1997)** (33) US

(31) 60/069,318 (32) **6 Dec/déc 1997 (06.12.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G11B**

- (54) ● MULTIMEDIA INTERFACE WITH USER INTERACTION TRACKING
● INTERFACE POUR MULTIMEDIA AVEC REPERAGE DE L'INTERACTION UTILISATEUR

(71) **PALANTIR SOFTWARE, INC.** [US/US]; 1560 Tilco Drive, Frederick, MD 21704 (US).

(72) **SNYDER, J., Gary**; 7607 Yale Court, Frederick, MD 21702 (US). **BLISS, Steven**; Apartment C32, 5704 Trailview Court, Frederick, MD 21702 (US). **STEELE, David, W.**; Apartment 3F, 14402 Newton Patents Court, Fairfax, VA 22012 (US).

(74) **POWERS, James, F., Jr.**; P.O. Box 7187, Fairfax Station, VA 22039 (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 98/52190** (13) A1

(21) PCT/US97/15537

(22) **4 Sep/sep 1997 (04.09.1997)**

(25) en (26) en

(31) 60/046,316 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G11B 5/29, 5/127, 5/147**

- (54) ● MAGNETORESISTIVE SENSOR WITH IMPROVED STABILITY
● CAPTEUR MAGNETORESISTANT A STABILITE AMELIOREE

(71) **SEAGATE TECHNOLOGY, INC.** [US/US]; 920 Disc Drive, Scotts Valley, CA 95066 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MACKEN, Declan** [IE/IE]; 57 College Glen, Derry BT48 8PX (GB). **JOHNSTON, Alan, B.** [GB/GB]; 32 Waldemar Road, Knightswood, Glasgow G13 3LT (GB).

(74) **CHAMPLIN, Judson, K.**; Westman, Champlin & Kelly, P.A., Suite 1600 - International Centre, 900 Second Avenue South, Minneapolis, MN 55402-3319 (US).

(81) CN DE GB JP KR SG US.

(11) **WO 98/52191** (13) A1

(21) PCT/IL98/00217

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 120836 (32) **15 May/mai 1997 (15.05.1997)** (33) IL

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G11B 7/24, 20/00, 23/28**

(54) ● CD WITH AUXILIARY ELECTRONIC CIRCUITRY

● DISQUE COMPACT COMPORTANT UN CIRCUIT ELECTRONIQUE AUXILIAIRE

(71, 72) **GAL-EZER, Ron** [IL/IL]; Harofe Street 50A, 34367 Haifa (IL).

(74) **SANFORD, T., Colb** 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 KR KZ LC LK LR LS LT LU LV MD MG 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 98/52192** (13) A1

(21) PCT/JP98/02174

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

(25) ja (26) ja

(31) 9/127694 (32) **16 May/mai 1997 (16.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G11B 7/26, 7/135, 7/00**

(54) ● METHOD FOR MACHINING MASTER OPTICAL DISK AND MASTERING DEVICE

● PROCEDE SERVANT A FABRIQUER UN DISQUE-MAITRE OPTIQUE ET DISPOSITIF DE GRAVURE

(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) **YAMADA, Hideaki** [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) KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/52193** (13) A1

(21) PCT/US97/15361

(22) **29 Aug/août 1997 (29.08.1997)**

(25) en (26) en

(31) 60/046,426 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G11B 13/00, 9/00, G02B 26/00**

(54) ● OPTICAL DISC DATA STORAGE SYSTEM USING OPTICAL WAVEGUIDE

● SYSTEME DE MEMORISATION DE DONNEES A DISQUE OPTIQUE UTILISANT UN GUIDE D'ONDES OPTIQUES

(71) **SEAGATE TECHNOLOGY, INC.** [US/US]; 920 Disc Drive, Scotts Valley, CA 95066 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOWRY, Gregory, S.** [US/US]; 18 Geneva Boulevard, Burnsville, MN 55306 (US). **MALMHALL, Roger, K.** [SE/US]; 1025 Marilyn Drive, Mountain View, CA 94040 (US).

(74) **SHERIDAN, James, A.** et al. / etc.; Flehr, Hohbach, Test, Albritton & Herbert, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111-4187 (US).

(81) CN DE GB JP KR SG US.

(11) **WO 98/52194** (13) A1

(21) PCT/US98/09267

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 08/857,874 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G11B 20/00, G06F 1/00**

(54) ● ARRANGEMENT AND METHOD FOR PREVENTING USE OF UNAUTHORIZED DUPLICATES OF DATA STORAGE MEDIA USING ADDRESS INFORMATION

● DISPOSITIF ET PROCEDE SERVANT A EMPECHER L'UTILISATION DE COPIES NON AUTORISEES DE SUPPORTS DE MEMORISATION DE DONNEES AU MOYEN D'UNE INFORMATION D'ADRESSE

(71) **IMATION CORP.** [US/US]; 1 Imation Place, P.O. Box 64898, Saint Paul, MN 55164-0898 (US).

(72) **BLIXT, Jon, J.**; 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) AL AM AT AU AZ BA BB BG 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 98/52195** (13) A1

(21) PCT/US98/08335

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

(25) en (26) en

(31) 08/855,150 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(31) 08/931,048 (32) **16 Sep/sep 1997 (16.09.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G11B 21/10, 5/596**

(54) ● METHOD FOR USE IN A DISK DRIVE TO CALIBRATE DEMODULATOR GAIN WITHOUT A/D CONVERSION OF CPES SIGNAL

● PROCEDE DESTINE A ETRE UTILISE DANS UNE UNITE DE DISQUE POUR ETALONNER LE GAIN DEMODULATEUR SANS CONVERSION A/N DU SIGNAL D'ERREUR DE POSITION COMPOSITE (CPES)

(71) **IOMEGA CORPORATION** [US/US]; 1821 West Iomega Way, Roy, UT 84067 (US).

(72) **WRIGHT, Kelly, Douglas**; 973 E. Snow Creek Drive, Layton, UT 84040 (US).

(74) **KURTZ, Richard, E.** et al. / etc.; Woodcock Washburn Kurtz Mackiewicz & Norris LLP, 46th floor, One Liberty Place, Philadelphia, PA 19103 (US).

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

(11) **WO 98/52196** (13) A1

(21) PCT/US98/09654

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 08/855,274 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **G21C 17/00**

(54) ● SYSTEM AND METHOD FOR MEASURING THE FREE FALL TIME OF NUCLEAR REACTOR CONTROL RODS

● SYSTEME ET PROCEDE DE MESURE DU TEMPS DE DESCENTE EN CHUTE LIBRE DES BARRES DE COMMANDE D'UN REACTEUR NUCLEAIRE

(71) **WESTINGHOUSE ELECTRIC CORPORATION** [US/US]; Westinghouse Building, Gateway Center, Pittsburgh, PA 15222 (US).

(72) **GRAHAM, Kingsley, F.**; 4209 Colonial Drive, Murrysville, PA 15668 (US).

(74) **DEPAUL, Louis, A.** et al. / etc.; Westinghouse Electric Corporation, Westinghouse Building, Gateway Center, Pittsburgh, PA 15222 (US).

(81) CN CZ DE ES GB JP PL.

(11) **WO 98/52197** (13) A1

(21) PCT/EP98/02698

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 97107969.4 (32) **15 May/mai 1997 (15.05.1997)** (33) EP

(34) IT et al. / etc.

(31) 60/047,127 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H01B 7/00, 7/18**

- (54) ● CABLE WITH IMPACT-RESISTANT COATING
● CABLE AVEC REVETEMENT RESISTANT AUX IMPACTS
- (71) **PIRELLI CAVI E SISTEMI S.P.A.** [IT/IT]; Viale Sarca, 222, I-20126 Milan (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BELLI, Sergio** [IT/IT]; Via Maestri del Lavoro, 8, I-57126 Livorno (IT). **CAIMI, Luigi** [IT/IT]; Via Magenta, 13, I-23871 Lomagna (IT). **BAREGGI, Alberto** [IT/IT]; Via Aselli, 35, I-20133 Milan (IT). **BALCONI, Luca** [IT/IT]; Via Mattei, 8, I-20091 Bresso (IT).
- (74) **PIRELLI CAVI E SISTEMI S.P.A.**; Giannesi, Pier, Giovanni, Industrial Property Dept., Viale Sarca, 222, I-20126 Milan (IT).
- (81) AL AU BA BB BG BR CA CN CU CZ EE GE GW HU ID IL IS JP KR LC LR LS LT MK MN MX NO NZ PL RO SG SI SK SL TR 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 98/52198** (13) A1
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(22) **18 Nov/nov 1997 (18.11.1997)**
(25) en (26) en
(31) 08/857,018 (32) **15 May/mai 1997 (15.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H01B 7/00, 7/28**
- (54) ● SINGLE-JACKETED PLENUM CABLE
● CABLE A GAINÉ UNIQUE POUR VIDE TECHNIQUE
- (71) **CABLE SYSTEMS INTERNATIONAL, INC.** [US/US]; 505 North 51st Avenue, Phoenix, AZ 85043-2701 (US).
- (72) **MOTTINE, John, J.**; 12021 North 43rd Avenue #216, Phoenix, AZ 85029 (US). **KOEHLER, Kenneth, S.**; 2315 West Union Hills #122, Phoenix, AZ 85027 (US). **DAWSON, William, B.**; 10814 West Calle del Sol, Phoenix, AZ 85037 (US).
- (74) **TAKAHASHI, Mark, M.**; Snell & Wilmer, 10th floor, 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 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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- (11) **WO 98/52199** (13) A1
(21) PCT/JP98/02145
(22) **15 May/mai 1998 (15.05.1998)**
(25) ja (26) ja
(31) 9/127384 (32) **16 May/mai 1997 (16.05.1997)** (33) JP
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H01B 7/08, 13/00**

- (54) ● FLAT CABLE AND METHOD OF MANUFACTURING THE SAME
● CABLE PLAT ET PROCEDE DE FABRICATION
- (71) **THE FURUKAWA ELECTRIC CO., LTD.** [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 (JP).
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- (72, 75) **WATANABE, Hajime** [JP/JP]; The Furukawa Electric Co., Ltd., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 (JP). **HIRUKAWA, Hiroshi** [JP/JP]; The Furukawa Electric Co., Ltd., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 (JP). **OHIKE, Mizuki** [JP/JP]; The Furukawa Electric Co., Ltd., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 (JP). **NISHIMOTO, Takuya** [JP/JP]; The Furukawa Electric Co., Ltd., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 (JP).
- (74) **NAGATO, Kanji**; 5F, SKK Building, 8-1, Shinbashi 5-chome, Minato-ku, Tokyo 105-0004 (JP).
- (81) CN JP KR US; EP (DE GB).

(11) **WO 98/52200** (13) A1

- (21) PCT/US98/09503
(22) **11 May/mai 1998 (11.05.1998)**
(25) en (26) en
(31) 08/856,456 (32) **14 May/mai 1997 (14.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H01F 1/147, C22C 38/10, F16C 33/12**
- (54) ● HIGH STRENGTH, DUCTILE, Co-Fe-C SOFT MAGNETIC ALLOY
● ALLIAGE MAGNETIQUE DOUX DUCTILE, HAUTE RESISTANCE DE TYPE Co-Fe-C
- (71) **CRS HOLDINGS, INC.** [US/US]; 209F Baynard Building, 3411 Silverside Road, Wilmington, DE 19810 (US).
- (72) **LI, Lin**; 2021 Polo Run Drive, Yardley, PA 19067 (US).
- (74) **PACE, Vincent, T.** et al. / etc.; Dann, Dorfman, Herrell and Skillman, P.C., Suite 720, 1601 Market Street, Philadelphia, PA 19103-2307 (US).
- (81) BR CA IL JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/52201** (13) A1

- (21) PCT/DE98/01253
(22) **7 May/mai 1998 (07.05.1998)**
(25) de (26) de
(31) 197 19 602.0 (32) **9 May/mai 1997 (09.05.1997)** (33) DE
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H01F 7/18**
- (54) ● ELECTRONIC CONTROL CIRCUIT
● CIRCUIT DE COMMANDE ELECTRONIQUE
- (71) **GKR GESELLSCHAFT FÜR FAHRZEUGLIMAREGELUNG MBH** [DE/DE]; Herrenwiesweg 24, D-71701 Schwieberdingen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BREITLING, Wolfram** [DE/DE]; Hermann-Hesse-Strasse 18/1, D-74343 Sachsenheim (DE). **SINGER, Horst** [DE/DE]; Ulmer Strasse 33, D-71732 Tamm (DE). **WEIBLE, Reinhold**

[DE/DE]; Helmulfstrasse 8, D-70437 Stuttgart (DE). **FALLIANO, Rolf** [DE/DE]; Berghalde 15, D-73635 Schlechtbach (DE). **RICHTER, Florian** [DE/DE]; Münchinger Strasse 24, D-71282 Hemmingen (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 98/52202** (13) A1
(21) PCT/JP98/01176
(22) **19 Mar/mar 1998 (19.03.1998)**
(25) ja (26) ja
(31) 9/140891 (32) **15 May/mai 1997 (15.05.1997)** (33) JP
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H01F 10/24, H03B 5/18**
- (54) ● MAGNETOSTATIC WAVE DEVICE AND METHOD FOR MANUFACTURING THE SAME
● DISPOSITIF A ONDES MAGNETOSTATIQUES ET SON PROCEDE DE FABRICATION
- (71) **TDK CORPORATION** [JP/JP]; 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0027 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KURATA, Hitoyoshi** [JP/JP]; TDK Corporation, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0027 (JP).
- (74) **ISHII, Yoichi** et al. / etc.; Tenjin Iyasaka Kosan Building 3F, 23-1, Yushima 3-chome, Bunkyo-ku, Tokyo 113-0034 (JP).
- (81) CN JP US.

(11) **WO 98/52203** (13) A1

- (21) PCT/JP98/02182
(22) **18 May/mai 1998 (18.05.1998)**
(25) ja (26) ja
(31) 9/143307 (32) **16 May/mai 1997 (16.05.1997)** (33) JP
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H01H 85/22**
- (54) ● COMBINATION OF AC REACTOR AND FUSE
● COMBINAISON DE REACTEUR A COURANT ALTERNATIF ET DE FUSIBLES
- (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) **KONO, Shinichi** [JP/JP]; Room 7-203, Fanuc Manshonharimomi, 3539-1, Shibokusa, Oshino-mura, Minamitsuru-gun, Yamanashi 401-0511 (JP). **MAKITA, Hajime** [JP/JP]; Room 11-501, Fanuc Manshonharimomi, 3517, Shibokusa, Oshino-mura, Minamitsuru-gun, Yamanashi 401-0511 (JP).
- (74) **TAKEMOTO, Shoji** et al. / etc.; 2F., Yamagata Building, 23-10, Toranomom 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 98/52204** (13) A1

(21) PCT/US98/02453

(22) 6 Feb/fév 1998 (06.02.1998)

(25) en (26) en

(31) 08/854,861 (32) 12 May/mai 1997 (33) US (12.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ H01J 1/88

(54) ● SPACER PADS FOR FIELD EMISSION DEVICE

● PLOTS D'ESPACEMENT POUR DISPOSITIF A EFFET DE CHAMP

(71) MOTOROLA INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) PACK, Sung, P.; 2007 E. Apollo Drive, Tempe, AZ 85283 (US). LUCERO, Rodolfo; 8101 E. Mulberry Street, Scottsdale, AZ 85281 (US). XIE, Chenggang; 1736 W. Cathedral Rock Drive, Phoenix, AZ 85045 (US). TRUJILLO, Johann; 2510 E. Huber Street, Mesa, AZ 85213 (US). RUMBAUGH, Rob; 8519 E. Monterey Way, Scottsdale, AZ 85251 (US).

(74) DOCKREY, Jasper, W. et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

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

(11) WO 98/52205 (13) A1

(21) PCT/NO98/00144

(22) 11 May/mai 1998 (11.05.1998)

(25) no (26) en

(31) 972244 (32) 15 May/mai 1997 (33) NO (15.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ H01J 3/10 // A61N 5/06

(54) ● A DEVICE FOR ILLUMINATING A DEFINED AREA

● DISPOSITIF D'ECLAIRAGE D'UNE ZONE LIMITEE

(71) PHOTOCURE AS [NO/NO]; Montebello, P.O. Box 55, N-0310 Oslo (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STEEN, Harald, B. [NO/NO]; Gjøaveien 3B, N-0376 Oslo (NO).

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

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

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(11) WO 98/52206 (13) A2

(21) PCT/US98/10152

(22) 18 May/mai 1998 (18.05.1998)

(25) en (26) en

(31) 60/046,662 (32) 16 May/mai 1997 (33) US (16.05.1997)

(31) 08/912,658 (32) 18 Aug/août 1997 (33) US (18.08.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ H01J 7/24

(54) ● PLASMA DISCHARGE EMITTER DEVICE AND ARRAY AND A METHOD OF FABRICATING SAME

● DISPOSITIF EMETTEUR A DECHARGE DANS UN PLASMA, GROUPEMENT DE TELS DISPOSITIFS, ET PROCEDE DE FABRICATION DE CE DISPOSITIF

(71) SARNOFF CORPORATION [US/US]; 201 Washington Road, CN 5300, Princeton, NJ 08543-5300 (US).

(72) PLETCHER, Timothy, A.; 58 Manchester Road, Eastampton, NJ 08060 (US). PATEL, Vipul Kumar, K.; 607 Falcongate Drive, South Brunswick, NJ 08852 (US). AMANTEA, Robert; 2 Orchard Drive, Manalapan, NJ 07726 (US).

(74) BURKE, William, J. et al. / etc.; Sarnoff Corporation, 201 Washington Road, CN 5300, Princeton, NJ 08543-5300 (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 98/52207 (13) A2

(21) PCT/US98/10058

(22) 13 May/mai 1998 (13.05.1998)

(25) en (26) en

(31) 08/857,719 (32) 16 May/mai 1997 (33) US (16.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ H01J 37/00

(54) ● CENTRAL COIL DESIGN FOR IONIZED METAL PLASMA DEPOSITION

● CONFIGURATION D'ENROULEMENT CENTRAL POUR DEPOT EN PHASE VAPEUR ACTIVE PAR PLASMA DE METAL IONISE

(71) APPLIED MATERIALS, INC. [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).

(72) HONG, Liubo; 945 Summerleaf Place, San Jose, CA 91520 (US). WANG, Hongong; 20990 Valley Green Drive #718, Cupertino, CA 95014 (US). YAO, Gongda; 44875 Winding Lane, Fremont, CA 94539 (US). XU, Zheng; 279 Hudson Bay Street, Foster City, CA 94404 (US).

(74) VERPLANCKEN, Donald; Applied Materials, Inc., P.O. Box 450-A, Santa Clara, CA 95052 (US) et al. / etc.

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

(11) WO 98/52208 (13) A1

(21) PCT/US98/09739

(22) 13 May/mai 1998 (13.05.1998)

(25) en (26) en

(31) 08/856,335 (32) 14 May/mai 1997 (33) US (14.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ H01J 37/32

(54) ● METHOD AND APPARATUS FOR PRODUCING A UNIFORM DENSITY PLASMA ABOVE A SUBSTRATE

● PROCEDE ET APPAREIL PERMETTANT DE PRODUIRE UN PLASMA DE DENSITE UNIFORME AU-DESSUS D'UN SUBSTRAT

(71) APPLIED MATERIALS, INC. [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).

(72) TANAKA, Yoichiro; 1545 Vista Club Circle #306, Santa Clara, CA 95054 (US). HONG, Liubo; 945 Summerleaf Place, San Jose, CA 91520 (US). WADA, Yuichi; 14-3, Shinizumi Narida-chi, Chiba 286 (JP).

(74) VerPLANCKEN, Donald et al. / etc.; Applied Materials, Inc., P.O. Box 450-A, Santa Clara, CA 95052 (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 98/52209 (13) A1

(21) PCT/CA98/00377

(22) 22 Apr/avr 1998 (22.04.1998)

(25) en (26) en

(31) 60/046,263 (32) 12 May/mai 1997 (33) US (12.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ H01J 49/42

(54) ● RF-ONLY MASS SPECTROMETER WITH AUXILIARY EXCITATION

● SPECTROMETRE DE MASSE UNIQUEMENT RF A EXCITATION AUXILIAIRE

(63) US 60/046,263 (CON)
12 May/mai 1997 (12.05.1997)(71) MDS INC. [CA/CA]; 100 International Boulevard, Etobicoke, Ontario M9W 6J6 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COUSINS, Lisa [CA/CA]; 177 Keele Street, Toronto, Ontario M6P 2K1 (CA).

(74) BERESKIN & PARR; 40th floor, 40 King Street West, Toronto, Ontario M5H 3Y2 (CA).

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

(11) WO 98/52210 (13) A1

(21) PCT/IT98/00114

(22) 8 May/mai 1998 (08.05.1998)

(25) en (26) en

(31) 60/046,577 (32) 15 May/mai 1997 (33) US (15.05.1997)

(31) 09/074,542 (32) 8 May/mai 1998 (33) US (08.05.1998)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ H01K 1/54

(54) ● GETTER DEVICES FOR HALOGEN LAMPS AND PROCESS FOR THEIR PRODUCTION

● DISPOSITIFS A DEGAZEUR POUR LAMPES HALOGENES ET LEUR PROCEDE DE FABRICATION

(71) SAES GETTERS S.P.A. [IT/IT]; Viale Italia, 77, I-20020 Lainate (IT).

(72) **HAGEN, Michael, Paul**; 6785 Parkridge Court, Colorado Springs, CO 80915 (US). **GIORGI, Stefano, Carlo**; Via San Carlo, 126, I-20017 Rho (IT). **GALLITOGNOTTA, Alessandro**; Via Alfredo di Dio, 1, I-20017 Rho (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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/52211** (13) A2

(21) PCT/DE98/01154

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

(25) de (26) de

(31) 197 20 463.5 (32) **15 May/mai 1997 (15.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H01L**

(54) ● INTEGRATED CMOS CIRCUIT CONFIGURATION, AND PRODUCTION OF SAME
● CONFIGURATION DE CIRCUIT CMOS INTEGRE ET MODE DE FABRICATION

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
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(72, 75) **KRAUTSCHNEIDER, Wolfgang** [DE/DE]; Am Oberfeld 50, D-83104 Hohenhann (DE). **HOFMANN, Franz** [DE/DE]; Herbergstrasse 25 B, D-80995 München (DE). **RISCH, Lothar** [DE/DE]; Tizianstrasse 27, D-85579 Neubiberg (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 98/52212** (13) A1

(21) PCT/US98/09665

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 60/046,884 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H01L 21/00**

(54) ● PICK AND PLACE CUTTING HEAD THAT SEPARATES CHIP SCALE PACKAGES FROM A MULTI-LAYERED FILM STRIP
● TETE DE COUPE ET DE TRANSFERT QUI SEPARA LES BOITIERS DU TYPE PUCE D'UNE BANDE MULTICOUCHE

(71) **TALTEC SYSTEMS, INC.** [US/US]; 130 Robin Hill Road, Goleta, CA 93117 (US).

(72) **LA ROVERE, Thomas, A.**; 1365 Estrella Drive, Hope Ranch, CA 93110 (US). **BROWNE, Ron**; 29 Lockheed Boulevard, Waynesboro, VA 22980-9572 (US).

(74) **BERG, Richard, P.** et al. / etc.; Ladass & Parry, Suite 2100, 5670 Wilshire Boulevard, Los Angeles, CA 90036-5679 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/52213** (13) A1

(21) PCT/US98/09760

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 08/858,089 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H01L 21/00**

(54) ● REFLECTOR COVER FOR A SEMICONDUCTOR PROCESSING CHAMBER
● COUVERCLE DE REFLECTEUR POUR UNE CHAMBRE DE TRAITEMENT DE SEMI-CONDUCTEURS

(71) **APPLIED MATERIALS, INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95052 (US).

(72) **BIERMAN, Benjamin**; 47438 Cholla Street, Fremont, CA 95014 (US). **BALLANCE, David, S.**; 20862 Elenda Drive, Cupertino, CA 95014 (US). **TIETZ, James, V.**; 36712 Reynolds Drive, Fremont, CA 94536 (US). **HAAS, Brian**; 5363 Joseph Lane, San Jose, CA 95118 (US). **WILLIAMS, Meredith, J.**; P.O. Box 5654, Santa Clara, CA 95056 (US). **DEATON, Paul**; 4471 Venice Way, San Jose, CA 95129 (US).

(74) **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).

(11) **WO 98/52214** (13) A2

(21) PCT/US98/09762

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 08/879,497 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H01L 21/00**

(54) ● MAGNETICALLY-LEVITATED ROTOR SYSTEM FOR AN RTP CHAMBER
● SYSTEME DE ROTOR A LEVITATION MAGNETIQUE POUR UNE CHAMBRE DE TRAITEMENT THERMIQUE RAPIDE

(71) **APPLIED MATERIALS, INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95052 (US).

(72) **TIETZ, James, V.**; 36712 Reynolds Drive, Fremont, CA 94536 (US). **BIERMAN, Benjamin**; 47438 Cholla Street, Fremont, CA 95014 (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).

(11) **WO 98/52215** (13) A1

(21) PCT/US98/06889

(22) **7 Apr/avr 1998 (07.04.1998)**

(25) en (26) en

(31) 08/857,628 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H01L 21/336, 29/78**

(54) ● SPACER STRUCTURE AS TRANSISTOR GATE
● STRUCTURE D'ESPACEMENT SERVANT DE GRILLE DE TRANSISTOR

(71) **ADVANCED MICRO DEVICES, INC.** [US/US]; One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US).

(72) **GARDNER, Mark, I.**; Highway 535, P.O. Box 249, Cedar Creek, TX 78612 (US). **SPIKES, Thomas, E.**; 2426 Roundabout Lane, Round Rock, TX 78664 (US).

(74) **DRAKE, Paul, S.**; Advanced Micro Devices, Inc., 5204 East Ben White Boulevard, Mail Stop 562, Austin, TX 78741 (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 98/52216** (13) A1

(21) PCT/US98/09567

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

(25) en (26) en

(31) 60/046,276 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(31) 09/026,115 (32) **19 Feb/fév 1998 (19.02.1998)** (33) US

(31) 09/026,027 (32) **19 Feb/fév 1998 (19.02.1998)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H01L 21/425**

(54) ● A CONTROLLED CLEAVAGE PROCESS
● PROCEDE DE CLIVAGE CONTROLLE

(63) US 09/026,027 (CON)
19 Feb/fév 1998 (19.02.1998)

(71) **SILICON GENESIS CORPORATION** [US/US]; 590 Division Street, Campbell, CA 95008 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HENLEY, Francois, J.** [CA/US]; 24580 Skyland Road, Los Gatos, CA 95030 (US). **CHEUNG, Nathan, W.** [US/US]; 1145 Stannage Avenue, Albany, CA 94706 (US).

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

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/52217** (13) A2
Hitachi, Ltd., 502, Kandatsumachi, Tsuchiura-shi, Ibaraki 300-0013 (JP).
- (21) PCT/US98/09477
- (22) **7 May/mai 1998 (07.05.1998)**
- (25) en (26) en
- (31) 08/857,708 (32) **15 May/mai 1997 (15.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **H01L 21/50**
- (54) ● METHOD OF FORMING A CHIP SCALE PACKAGE, AND A TOOL USED IN FORMING THE CHIP SCALE PACKAGE
● PROCEDE POUR FORMER UN BOITIER SENSIBLEMENT DE LA MEME TAILLE QUE LA PUCE, ET OUTIL UTILISE DANS CELUI-CI
- (71) **KULICKE & SOFFA INDUSTRIES, INC.** [US/US]; 2101 Blair Mill Road, Willow Grove, PA 19090 (US).
- (72) **RAZON, Eli**; 1478 Dillon Road, Maple Glen, PA 19002 (US). **VON SEGGERN, Walter**; 1936 Street Road, New Hope, PA 18938 (US).
- (74) **PRESTIA, Paul, F.** et al. / etc.; Ratner & Prestia, Suite 301, One Westlakes, Berwyn, P.O. Box 980, Valley Forge, PA 19482-0980 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/52218** (13) A1
(21) PCT/JP98/01722
(22) **15 Apr/avr 1998 (15.04.1998)**
(25) ja (26) ja
(31) 9/119107 (32) **9 May/mai 1997 (09.05.1997)** (33) JP
(31) 10/49912 (32) **3 Mar/mar 1998 (03.03.1998)** (33) JP
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H01L 21/66**
(54) ● CONNECTOR AND PROBING SYSTEM
● CONNECTEUR ET SYSTEME D'ECHANTILLONNAGE
(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **KASUKABE, Susumu** [JP/JP]; Production Engineering Research Laboratory, Hitachi, Ltd., 292, Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0817 (JP). **MORI, Terutaka** [JP/JP]; Production Engineering Research Laboratory, Hitachi, Ltd., 292, Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0817 (JP). **ARIGA, Akihiko** [JP/JP]; Semiconductor & Integrated Circuits Division, Hitachi, Ltd., 20-1, Josuihon-cho 5-chome, Kodaira-shi, Tokyo 187-8588 (JP). **SHIGI, Hidetaka** [JP/JP]; Production Engineering Research Laboratory, Hitachi, Ltd., 292, Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0817 (JP). **WATANABE, Takayoshi** [JP/JP]; Production Engineering Research Laboratory, Hitachi, Ltd., 292, Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0817 (JP). **KOHNO, Ryuji** [JP/JP]; Mechanical Engineering Research Laboratory,
- (11) **WO 98/52219** (13) A1
(21) PCT/US98/09751
(22) **13 May/mai 1998 (13.05.1998)**
(25) en (26) en
(31) 08/856,116 (32) **14 May/mai 1997 (14.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H01L 21/768, 21/285**
(54) ● RELIABILITY BARRIER INTEGRATION FOR CU METALLISATION
● INTEGRATION DE BARRIERES DE FIABILITE POUR METALLISATION AU CUIVRE
(71) **APPLIED MATERIALS, INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).
(72) **CHEN, Fusen**; 10390 Stern Avenue, Cupertino, CA 95014 (US). **CHEN, Liang-Yuh**; 1304 Fairway Entrance Drive, San Jose, CA 95131 (US). **MÖSELY, Roderick, Craig**; 4337 Diavilla Avenue, Pleasanton, CA 94588 (US). **EIZENBERG, Moshe**; 32 Soroka Street, 34759 Haifa (IL).
(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).
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- (11) **WO 98/52220** (13) A1
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(31) 9/119220 (32) **9 May/mai 1997 (09.05.1997)** (33) JP
(31) 9/158688 (32) **16 Jun/juin 1997 (16.06.1997)** (33) JP
(31) 9/158689 (32) **16 Jun/juin 1997 (16.06.1997)** (33) JP
(31) 9/256503 (32) **22 Sep/sep 1997 (22.09.1997)** (33) JP
(31) 9/295317 (32) **28 Oct/oct 1997 (28.10.1997)** (33) JP
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H01L 23/12**
(54) ● PROCESS FOR MANUFACTURING SEMICONDUCTOR PACKAGE AND CIRCUIT BOARD ASSEMBLY
● PROCEDE DE PRODUCTION D'UN BOITIER POUR SEMI-CONDUCTEUR ET SYSTEME DE CARTE DE CIRCUITS
(71) **CITIZEN WATCH CO., LTD.** [JP/JP]; 1-1, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0428 (JP).
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- Tanashi-shi, Tokyo 188-8511 (JP). **SATO, Tetsuo** [JP/JP]; Citizen Watch Co., Ltd., 1-12, Honcho 6-chome, Tanashi-shi, Tokyo 188-8511 (JP). **NISHIKATA, Shinichi** [JP/JP]; Citizen Watch Co., Ltd., 1-12, Honcho 6-chome, Tanashi-shi, Tokyo 188-8511 (JP). **ISHIWATA, Shuichi** [JP/JP]; Citizen Watch Co., Ltd., 840, Ohaza Shimotomi Aza Takeno, Tokorozawa-shi, Saitama 359-8511 (JP). **OMURA, Atsushi** [JP/JP]; Citizen Watch Co., Ltd., 840, Ohaza Shimotomi Aza Takeno, Tokorozawa-shi, Saitama 359-8511 (JP). **OHARA, Tsutomu** [JP/JP]; Citizen Watch Co., Ltd., 840, Ohaza Shimotomi Aza Takeno, Tokorozawa-shi, Saitama 359-8511 (JP).
- (74) **WATANABE, Kihei**; Daiichi NS Building, 5th floor, 32, Kanda Suda-cho 1-chome, Chiyoda-ku, Tokyo 101-0041 (JP).
- (81) CN KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/52221** (13) A1
(21) PCT/DE98/01266
(22) **7 May/mai 1998 (07.05.1998)**
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(31) 197 19 703.5 (32) **9 May/mai 1997 (09.05.1997)** (33) DE
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H01L 23/24, 23/053**
(54) ● POWER SEMICONDUCTOR MODULE WITH CERAMIC SUBSTRATE
● MODULE A SEMI-CONDUCTEUR DE PUISSANCE AVEC SUBSTRAT EN CERAMIQUE
(71) **EUPEC EUROPÄISCHE GESELLSCHAFT FÜR LEISTUNGSHALBLEITER MBH + CO. KG** [DE/DE]; Max-Planck-Strasse 5, D-59581 Warstein-Belecke (DE).
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(72, 75) **LENNIGER, Andreas** [DE/DE]; Mellricher Strasse 19, D-59609 Anröchte (DE). **FERBER, Gottfried** [DE/DE]; Sürmannsholt 3, D-59581 Warstein (DE). **KEMPER, Alfred** [DE/DE]; Springwiese 4, D-59581 Warstein (DE).
(74) **EUPEC EUROPÄISCHE GESELLSCHAFT FÜR LEISTUNGSHALBLEITER MBH + CO. KG**; Epping, Wilhelm, Postfach 22 13 17, D-80503 München (DE).
(81) JP MX US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/52222** (13) A1
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(31) 08/855,105 (32) **13 May/mai 1997 (13.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H01L 23/31, 23/00**
(54) ● INTEGRATED PASSIVE COMPONENTS AND PACKAGE WITH POSTS
● COMPOSANTS PASSIFS INTEGRES ET BOITIER COMPORTANT DES BORNES
(71) **CHIPSCALE, INC.** [US/US]; 576 Charcot Avenue, San Jose, CA 95131 (US).
(72) **MARCOUX, Phil, P.**; 335 Chatham Way, Mountain View, CA 94040 (US). **YOUNG, James, L.**; 2512 Katrina Way, Mountain View, CA 94040 (US). **CHEN, Changsheng**; 2425 Crystal Drive, Santa Clara, CA 95051 (US).

- (74) **VINCENT, Lester, J.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
- (81) AL AM AT AT (Utility model / modèle d'utilité) AU (Petty patent) AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ 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) 08/856,267 (32) **14 May/mai 1997 (14.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **H01L 23/34**
- (54) ● METHOD AND APPARATUS FOR COOLING A SEMICONDUCTOR DIE
● PROCEDE ET APPAREIL POUR REFROIDIR UNE MATRICE A SEMI-CONDUCTEURS
- (71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95054 (US).
- (72) **WINER, Paul**; 2241 Menzel Place, Santa Clara, CA 95050 (US). **PANICCIA, Mario, J.**; 2250 Monroe Street #391, Santa Clara, CA 95050 (US). **MA, Karl, J.**; 5118 S. Dorchester #205, Chicago, IL 60615 (US).
- (74) **TAYLOR, Edwin, H.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
- (81) AL AM AT AT (Utility model / modèle d'utilité) AU (Petty patent) AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ 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 98/52224** (13) A1
- (21) PCT/US98/09999
- (22) **14 May/mai 1998 (14.05.1998)**
- (25) en (26) en
- (31) PCT/US97/08634 (32) **15 May/mai 1997 (15.05.1997)** (33) WO
- (34) US et al. / etc.
- (31) 60/073,679 (32) **4 Feb/fév 1998 (04.02.1998)** (33) US
- (31) 09/032,473 (32) **26 Feb/fév 1998 (26.02.1998)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)

- (51)⁶ **H01L 23/48, 21/48**
- (54) ● LITHOGRAPHICALLY DEFINED MICROELECTRONIC CONTACT STRUCTURES
● STRUCTURES DE CONTACT MICROELECTRONIQUES DEFINIES DE MANIERE LITHOGRAPHIQUE
- (71) **FORMFACTOR, INC.** [US/US]; 5666 La Ribera Street, Livermore, CA 94550 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PEDERSEN, David, V.** [US/US]; 6 Sterling Lane, Scotts Valley, CA 95066 (US). **KHANDROS, Igor, Y.** [US/US]; 25 Haciendas Road, Orinda, CA 94563 (US).
- (74) **OKAMOTO, James, K.** 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).

- (11) **WO 98/52225** (13) A1
- (21) PCT/US98/09793
- (22) **13 May/mai 1998 (13.05.1998)**
- (25) en (26) en
- (31) 08/855,106 (32) **13 May/mai 1997 (13.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **H01L 23/485**
- (54) ● AN ELECTRONIC COMPONENT PACKAGE WITH POSTS ON THE ACTIVE SURFACE
● BOITIER DE COMPOSANTS ELECTRONIQUES COMPORTANT DES BORNES SUR SA SURFACE ACTIVE
- (71) **CHIPSCALE, INC.** [US/US]; 576 Charcot Avenue, San Jose, CA 95131 (US).
- (72) **YOUNG, James, L.**; 2512 Katrina Way, Mountain View, CA 94040 (US). **CHEN, Changsheng**; 2425 Crystal Drive, Santa Clara, CA 95051 (US).
- (74) **VINCENT, Lester, J.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
- (81) AL AM AT AT (Utility model / modèle d'utilité) AU (Petty patent) AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ 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) 08/857,100 (32) **15 May/mai 1997 (15.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **H01L 23/544**
- (54) ● METHOD AND APPARATUS FOR IDENTIFYING INTEGRATED CIRCUITS
● PROCEDE ET APPAREIL D'IDENTIFICATION DE CIRCUITS INTEGRES
- (71) **MICRON TECHNOLOGY, INC.** [US/US]; 8000 S. Federal Way, P.O. Box 6, Boise, ID 83707-0006 (US).
- (72) **NEVILL, Leland, R.**; 6803 Diamond Street, Boise, ID 83709 (US).
- (74) **STEWART, John, C.** 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52227** (13) A1
- (21) PCT/JP97/01601
- (22) **13 May/mai 1997 (13.05.1997)**
- (25) ja (26) ja
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **H01L 27/04, 37/02, 41/08, 21/31, C01G 21/02, 23/04**
- (54) ● DIELECTRIC THIN FILM ELEMENT AND METHOD FOR MANUFACTURING THE SAME
● ELEMENT A COUCHE MINCE DIELECTRIQUE 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) **MAEDA, Chisako** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP). **YAMADA, Akira** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP). **UMEMURA, Toshio** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP). **UCHIKAWA, Fusaoki** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP).
- (74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540 (JP).
- (81) AU JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/52228** (13) A1
- (21) PCT/US98/10007
- (22) **15 May/mai 1998 (15.05.1998)**
- (25) en (26) en

(31) 08/857,295 (32) **16 May/mai 1997** (33) US
(16.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H01L 29/06, 29/12, H01J 1/05, 1/14, 1/38, 1/48, 19/06, G09G 3/10**

(54) ● COLD CATHODE ELECTRON EMITTER AND DISPLAY STRUCTURE
● EMETTEUR D'ELECTRONS DE CATHODE FROIDE ET STRUCTURE D'AFFICHAGE ASSOCIEE

(71) **SKION CORPORATION** [US/US]; 50 Harrison Street, Hoboken, NJ 07030 (US).

(72) **KIM, Seong, I.**; 438 Andre Avenue, Northvale, NJ 07647 (US).

(74) **KOFFSKY, David, N.**; Ohlandt, Greeley, Ruggiero & Perle, Suite 903, One Landmark Square, Stamford, CT 06901 (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 98/52229** (13) A1

(21) PCT/US98/09372

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

(25) en (26) en

(31) 60/046,437 (32) **14 May/mai 1997** (33) US
(14.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H01L 29/205, 33/00, H01S 3/19**

(54) ● LIGHT EMITTING DEVICE CONTACT LAYERS HAVING SUBSTANTIALLY EQUAL SPREADING RESISTANCE AND METHOD OF MANUFACTURE

● COUCHES DE CONTACT A RESISTANCE INTRINSEQUE SENSIBLEMENT EGALE POUR DISPOSITIF ELECTROLUMINESCENT ET PROCEDE DE FABRICATION

(71) **RESEARCH TRIANGLE INSTITUTE** [US/US]; 3040 Cornwallis Road, P.O. Box 12194, Research Triangle Park, NC 27709 (US).
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(72, 75) **ENQUIST, Paul, M.** [US/US]; Research Triangle Institute, 3040 Cornwallis Road, P.O. Box 12194, Research Triangle Park, N C 27709 (US).

(74) **KUESTERS, Eckhard, H.** et al. / etc.; Oblon, Spivak, McClelland, Maier & Neustadt, P.C., Crystal Square Five, 4th floor, 1755 Jefferson Davis Highway, Arlington, VA 22202 (US).

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

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(31) 97201478.1 (32) **16 May/mai 1997** (33) EP
(16.05.1997)

(34) NL et al. / etc.

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H01L 29/24**

(54) ● SILICON GERMANIUM SEMICONDUCTOR DEVICE AND A METHOD OF MANUFACTURING THE SAME

● DISPOSITIF A SEMI-CONDUCTEUR DE SILICIUM-GERMANIUM 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).
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(72) **BROWN, Adam, Richard**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **HURKX, Godefridus, Adrianus, Maria**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **DE BOER, Wiebe, Barteld**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **SLOTBOOM, Jan, Willem**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **SMEETS, Eugenius, T., J., M.**; Internationaal Octroobureau 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 98/52231** (13) A1

(21) PCT/US98/09227

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 08/855,385 (32) **13 May/mai 1997** (33) US
(13.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H01L 29/808, 29/10, 27/07, 27/085**

(54) ● REDUCE WIDTH, DIFFERENTIALLY DOPED VERTICAL JFET DEVICE

● COMPOSANT A TRANSISTOR VERTICAL A EFFET DE CHAMP A JONCTION PRESENTANT UNE LARGEUR LIMITEE ET UN DOPAGE DIFFERENTIEL

(71) **HARRIS CORPORATION** [US/US]; 1025 West Nasa Boulevard, Melbourne, FL 32919 (US).

(72) **YOUNG, William, R.**; 1532 Breezewood Lane, N.W., Palm Bay, FL 32907 (US).

(74) **NIYOGI, Bidyut, K.**; Harris Corporation, International Patent Operations, 1025 West Nasa Boulevard MS80, Melbourne, FL 32919 (US).

(81) AL AM AT AU AZ BA BB BG BR 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 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).

(11) **WO 98/52232** (13) A1

(21) PCT/SE98/00239

(22) **12 Feb/fév 1998 (12.02.1998)**

(25) en (26) en

(31) 9701724-8 (32) **9 May/mai 1997** (33) SE
(09.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H01L 29/861, 29/24, 21/266, 21/329**

(54) ● A PN-DIODE OF SiC AND A METHOD FOR PRODUCTION THEREOF

● DIODE A JONCTION PNP, EN SiC, ET SON PROCEDE DE PRODUCTION

(71) **ABB RESEARCH LTD.** [CH/CH]; P.O. Box 8131, CH-8030 Zürich (CH).

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(72, 75) **ROTTNER, Kurt** [DE/SE]; Langelandskatan 12, S-164 43 Kista (SE). **SCHÖNER, Adolf** [DE/SE]; Lofotogatan 2, S-164 43 Kista (SE). **BAKOWSKI, Mietek** [SE/SE]; Blomstervägen 3, S-151 60 Södertälje (SE).

(74) **BJERKÉN, Håkan** et al. / etc.; Bjerkéns Patentbyrå KB, P.O. Box 1274, S-801 37 Gävle (SE).

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

(11) **WO 98/52233** (13) A1

(21) PCT/US98/09676

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

(25) en (26) en

(31) 08/854,302 (32) **12 May/mai 1997** (33) US
(12.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H01L 31/00**

(54) ● METHOD AND APPARATUS FOR PHOTOELECTRIC GENERATION OF ELECTRICITY
● PROCEDE ET APPAREIL DE PRODUCTION D'ELECTRICITE PAR PHOTOELECTRICITE

(71) **BOREALIS TECHNICAL LIMITED** [US/US]; 23545 N.W. Skyline Boulevard, Hillsboro, OR 97124-9204 (US).

(72) **EDELSON, Jonathan, Sidney**; 23545 N.W. Skyline Boulevard, Hillsboro, OR 97124-9204 (US).

(74) **COX, Rodney, T.**; Borealis Technical Limited, 23545 N.W. Skyline Boulevard, Hillsboro, OR 97124-9204 (US).

(81) AL AT 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).

(11) **WO 98/52234** (13) A1

(21) PCT/US98/09596

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 08/855,229 (32) **13 May/mai 1997** (33) US
(13.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H01L 31/18, 31/20, 31/0288, 21/285, 21/20**

(54) ● METHOD OF DOPING SILICON, METAL DOPED SILICON, METHOD OF MAKING SOLAR CELLS, AND SOLAR CELLS

● PROCEDE DE DOPAGE DU SILICIUM, SILICIUM DOPE PAR UN METAL, PROCEDE DE FABRICATION DE CELLULES PHOTOVOLTAIQUES ET CELLULES PHOTOVOLTAIQUES

(71) **THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS** [US/US]; 2404 N. University Avenue, Little Rock, AR 72207 (US).

(72) **NASEEN, Hameed, A.**; 2138 Loren Circle, Fayetteville, AR 72701 (US). **HAQUE, M., Shahidul**; 920 No. Leverett Avenue #712, Fayetteville, AR 72701 (US). **BROWN, William, D.**; 2407 Sweetbriar, Fayetteville, AR 72701 (US).

(74) **GILBRETH, J., M.** et al. / etc.; P.O. Box 61305, Houston, TX 77208-1305 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/52235** (13) A1

(21) PCT/JP98/02086

(22) **12 May/mai 1998 (12.05.1998)**

(25) ja (26) ja

(31) PCT/JP97/01601 (32) **13 May/mai 1997 (13.05.1997)** (33) WO

(34) US et al. / etc.

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H01L 37/02, 41/187**

(54) ● DIELECTRIC THIN FILM ELEMENT AND PROCESS FOR MANUFACTURING THE SAME

● ELEMENT DIELECTRIQUE A FILM MINCE ET PROCEDE DE FABRICATION DE CET ELEMENT

(71) **mitsubishi denki kabushiki kaisha** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAEDA, Chisako** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **YAMADA, Akira** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **UMEMURA, Toshio** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **UCHIKAWA, Fusaoki** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (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 JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/52236** (13) A1

(21) PCT/EP98/02873

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

(25) de (26) de

(31) 197 20 397.3 (32) **15 May/mai 1997 (15.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H01L 39/20**

(54) ● SUPERCONDUCTING HEAVY-CURRENT DISCONNECTOR

● DISJONCTEUR SUPRACONDUCTEUR POUR COURANT FORT

(71) **MAGNET-MOTOR GESELLSCHAFT FÜR MAGNETMOTORISCHE TECHNIK MBH** [DE/DE]; Petersbrunner Strasse 2, D-82319 Starnberg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EHRHART, Peter** [DE/DE]; Saalburgstrasse 24a, D-81375 München (DE). **MÜLLER, Anton** [DE/DE]; Zugsplatzstrasse 33, D-82327 Tutzing (DE). **SCHÖLDERLE, Hermann** [DE/DE]; Schießstättstrasse 13, D-82515 Wolfartshausen

(DE). **STURM, Evi** [DE/DE]; Kustermannstrasse 22, D-82327 Tutzing (DE). **WECK, Werner** [DE/DE]; Kiefernweg 15, D-82327 Starnberg (DE).

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

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

(11) **WO 98/52237** (13) A1

(21) PCT/JP98/02053

(22) **8 May/mai 1998 (08.05.1998)**

(25) ja (26) ja

(31) 9/134475 (32) **9 May/mai 1997 (09.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H01M 2/12**

(54) ● HERMETICALLY SEALED CELL AND SEALING BODY

● ELEMENT FERME HERMETIQUEMENT ET CORPS DE FERMETURE HERMETIQUE

(71) **TOYO KOHAN CO., LTD.** [JP/JP]; 4-3, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8911 (JP). **FUKUDA METAL FOIL & POWDER CO., LTD.** [JP/JP]; 176, Nakanoncho, Matsubaradori Muromachi Nishiiru, Shimogyo-ku, Kyoto-shi, Kyoto 600-8435 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAKADA, Akiyoshi** [JP/JP]; 16-10, Inazu 3-chome, Ohtsu-shi, Shiga-ken 520-2271 (JP). **SAIJO, Kinji** [JP/JP]; 1561-8, Terasako, Kudamatsu-shi, Yamaguchi-ken 744-0000 (JP). **YOSHIDA, Kazuo** [JP/JP]; 9-22, Nijigaoka 5-chome, Hikari-shi, Yamaguchi-ken 744-0031 (JP). **YOSHIMOTO, Nobuyuki** [JP/JP]; 2350, Hizumi, Yanai-shi, Yamaguchi-ken 742-0111 (JP). **ISOBE, Yoshihiko** [JP/JP]; 534-10, Suetakekami, Kudamatsu-shi, Yamaguchi-ken 744-0024 (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 KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52238** (13) A1

(21) PCT/JP98/02054

(22) **8 May/mai 1998 (08.05.1998)**

(25) ja (26) ja

(31) 9/134476 (32) **9 May/mai 1997 (09.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H01M 2/12**

(54) ● HERMETICALLY SEALED CELL AND SEALING BODY

● ELEMENT FERME HERMETIQUEMENT ET CORPS DE FERMETURE HERMETIQUE

(71) **TOYO KOHAN CO., LTD.** [JP/JP]; 4-3, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8911 (JP). **FUKUDA METAL FOIL & POWDER CO., LTD.** [JP/JP]; 176, Nakanoncho, Matsubaradori Muromachi Nishiiru, Shimogyo-ku, Kyoto-shi, Kyoto 600-8435 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAKADA, Akiyoshi** [JP/JP]; 16-10, Inazu 3-chome, Ohtsu-shi, Shiga-ken 520-2271 (JP). **SAIJO, Kinji** [JP/JP]; 1561-8, Terasako, Kudamatsu-shi, Yamaguchi-ken 744-0000 (JP). **YOSHIDA, Kazuo** [JP/JP]; 9-22, Nijigaoka 5-chome, Hikari-shi, Yamaguchi-ken 744-0031 (JP). **YOSHIMOTO, Nobuyuki** [JP/JP]; 2350, Hizumi, Yanai-shi, Yamaguchi-ken 742-0111 (JP). **ISOBE, Yoshihiko** [JP/JP]; 534-10, Suetakekami, Kudamatsu-shi, Yamaguchi-ken 744-0024 (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 KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52239** (13) A1

(21) PCT/JP97/01593

(22) **12 May/mai 1997 (12.05.1997)**

(25) ja (26) ja

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H01M 2/16, 10/24**

(54) ● SEPARATOR FOR BATTERY AND ALKALI SECONDARY BATTERY USING THE SAME
● SEPARATEUR POUR ACCUMULATEUR ET ACCUMULATEUR ELECTRIQUE ALCALIN L'UTILISANT

(71) **JAPAN as represented by DIRECTOR GENERAL OF AGENCY OF INDUSTRIAL SCIENCE AND TECHNOLOGY** [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100 (JP). **KANAI JUYO KOGYO CO., LTD.** [JP/JP]; 1, Okuhata 4-chome, Itami-shi, Hyogo 664 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAKAI, Tetsuo** [JP/JP]; Osaka National Research Institute, AIST., 8-31, Midorigaoka 1-chome, Ikeda-shi, Osaka 563 (JP). **UEHARA, Itsuki** [JP/JP]; Osaka National Research Institute, AIST., 8-31, Midorigaoka 1-chome, Ikeda-shi, Osaka 563 (JP). **NISHIDA, Masaaki** [JP/JP]; 92-5, Katsuratokudaijicho, Nishikyo-ku, Kyoto-shi, Kyoto 615 (JP). **YAMASHITA, Hiroyuki** [JP/JP]; 5-16-203, Motoyamaminamimachi 8-chome, Higashinada-ku, Kobe-shi, Hyogo 658 (JP). **TAMURA, Koichi** [JP/JP]; 882-21, Ninji, Sanda-shi, Hyogo 669-13 (JP).

(74) **IKEUCHI, Hiroyuki** et al. / etc.; Suite 401, Umeda Plaza Building, 3-25, Nishitenma 4-chome, Kita-ku, Osaka-shi, Osaka 530 (JP).

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

(11) **WO 98/52240** (13) A1

(21) PCT/US98/07782

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

(25) en (26) en

(31) 08/854,484 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H01M 2/16, 2/14**

(54) ● SEPARATOR FOR LEAD-ACID STORAGE BATTERY

- SEPARATEUR D'ACCUMULATEUR AU PLOMB
- (71) **PPG INDUSTRIES, INC.** [US/US]; One PPG Place, Pittsburgh, PA 15272 (US).
- (72) **PEKALA, Richard, W.**; 3103 Henrich Farm Lane, Allison Park, PA 15101 (US). **BOYER, James, L.**; 109 College Park Drive, Monroeville, PA 15146 (US).
- (74) **MORRIS, George, D.**; PPG Industries, Inc., One PPG Place, Pittsburgh, PA 15272 (US) et al. / etc.
- (81) BR 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 98/52241** (13) A1
 - (21) PCT/GB98/01369
 - (22) **13 May/mai 1998 (13.05.1998)**
 - (25) en (26) en
 - (31) 9709541.8 (32) **13 May/mai 1997 (13.05.1997)** (33) GB
 - (31) 9720822.7 (32) **2 Oct/oct 1997 (02.10.1997)** (33) GB
 - (43) 19 Nov/nov 1998 (19.11.1998)
 - (51)⁶ **H01M 8/02, 8/10, 8/24, 4/64, 4/80**
 - (54) ● CURRENT DISTRIBUTORS OF SINTERED METALS AND FUEL CELLS USING THEM
● PILE A COMBUSTIBLE
 - (71) **LOUGHBOROUGH UNIVERSITY INNOVATIONS LIMITED** [GB/GB]; Loughborough University, Ashby Road, Loughborough, Leicestershire LE11 3TU (GB).
(for all designated States except / pour tous les États désignés sauf US)
 - (72, 75) **MITCHELL, Phillip, John** [GB/GB]; 1 Compton Close, Loughborough, Leicestershire LE11 3SF (GB).
 - (74) **MCNEIGHT, David, Leslie** et al. / etc.; McNeight & 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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- (11) **WO 98/52242** (13) A1
 - (21) PCT/JP98/01707
 - (22) **15 Apr/avr 1998 (15.04.1998)**
 - (25) ja (26) ja
 - (31) 9/124221 (32) **14 May/mai 1997 (14.05.1997)** (33) JP
 - (31) 9/188572 (32) **14 Jul/juillet 1997 (14.07.1997)** (33) JP
 - (31) 9/257330 (32) **22 Sep/sep 1997 (22.09.1997)** (33) JP
 - (43) 19 Nov/nov 1998 (19.11.1998)
 - (51)⁶ **H01M 8/04, 8/02, 8/06, 8/10**
 - (54) ● SOLID POLYMER FUEL CELL CAPABLE OF STABLY PROVIDING EXCELLENT POWER GENERATION CHARACTERISTICS

- CELLULE ELECTROCHIMIQUE A POLYMERE SOLIDE PERMETTANT DE FOURNIR DE MANIERE CONSTANTE D'EXCELLENTE CARACTERISTIQUES DE PRODUCTION D'ENERGIE
- (71) **SANYO ELECTRIC CO., LTD.** [JP/JP]; 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-0083 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YASUO, Takashi** [JP/JP]; 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-0083 (JP). **NAKAOKA, Toru** [JP/JP]; 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-0083 (JP). **HAMADA, Akira** [JP/JP]; 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-0083 (JP). **MIYAKE, Yasuo** [JP/JP]; 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-0083 (JP). **YOSHIMOTO, Yasunori** [JP/JP]; 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-0083 (JP). **KARAKANE, Mitsuo** [JP/JP]; 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-0083 (JP).
- (74) **NAKAJIMA, Shiro**; 6F, Yodogawa 5-Bankan, 2-1, Toyosaki 3-chome, Kita-ku, Osaka-shi, Osaka 531-0072 (JP).
- (81) CA CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/52243** (13) A1
 - (21) PCT/GB98/01380
 - (22) **14 May/mai 1998 (14.05.1998)**
 - (25) en (26) en
 - (31) 9709742.2 (32) **14 May/mai 1997 (14.05.1997)** (33) GB
 - (31) 9723840.6 (32) **13 Nov/nov 1997 (13.11.1997)** (33) GB
 - (43) 19 Nov/nov 1998 (19.11.1998)
 - (51)⁶ **H01M 8/08, 8/10, 8/02, C25B 5/00**
 - (54) ● ELECTROLYTIC REACTOR SUCH AS FUEL CELL WITH ZEOLITE MEMBRANE
● REACTEUR ELECTROLYTIQUE, TEL QU'UNE PILE A COMBUSTIBLE, DOTE D'UNE MEMBRANE EN ZEOLITE
 - (71) **SMART CELL LIMITED** [GB/GB]; Numeric House, 98 Station Road, Sidcup, Kent DA15 7BY (GB).
(for all designated States except / pour tous les États désignés sauf US)
 - (72, 75) **BRATTON, Graham, John** [GB/GB]; 154 Old Farm Avenue, Sidcup, Kent DA15 8AL (GB). **NAYLOR, Timothy de Villiers** [GB/GB]; Englefield Green, Surrey TW20 0NQ (GB). **TSEUNG, Alfred, Chan, Chung** [GB/GB]; 60 Grove Avenue, London N10 2AN (GB).
 - (74) **COHEN, Alan, Nicol**; 2 Grove Place, Tatsfield, Nr. Westerham, Kent TN16 2BB (GB).
 - (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 MR NE SN TD TG).

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- (11) **WO 98/52244** (13) A1
 - (21) PCT/US98/08972
 - (22) **5 May/mai 1998 (05.05.1998)**
 - (25) en (26) en

- (31) 08/857,025 (32) **15 May/mai 1997 (15.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **H01M 10/40, 10/44**
- (54) ● METHODS OF FABRICATING ELECTRO-CHEMICAL CELLS
● PROCEDES DE FABRICATION POUR CELLULES ELECTROCHIMIQUES
- (63) US 08/857,025 (CON)
15 May/mai 1997 (15.05.1997)
- (71) **VALENCE TECHNOLOGY, INC.** [US/US]; 301 Conestoga Way, Henderson, NV 89015 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BARKER, Jeremy** [GB/US]; 1770 N. Green Valley Parkway #4021, Henderson, NV 89014 (US). **COCHRAN, Steven, D.** [US/US]; 2120 Ramrod Avenue #1322, Henderson, NV 89014 (US).
- (74) **KREBS, Robert, E.**; 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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52245** (13) A1
 - (21) PCT/US97/23199
 - (22) **12 Dec/déc 1997 (12.12.1997)**
 - (25) en (26) en
 - (31) 08/855,248 (32) **13 May/mai 1997 (13.05.1997)** (33) US
 - (43) 19 Nov/nov 1998 (19.11.1998)
 - (51)⁶ **H01P 1/218**
 - (54) ● MICROWAVE FERRITE RESONATOR MOUNTING STRUCTURE HAVING REDUCED MECHANICAL VIBRATION SENSITIVITY
● STRUCTURE DE MONTAGE DE RESONATEUR HYPERFREQUENCES A FERRITE AYANT UNE SENSIBILITE REDUITE AUX VIBRATIONS MECANIQUES
 - (71) **VERTICOM, INC.** [US/US]; 2330 Circadian Way, Santa Rosa, CA 95407 (US).
 - (72) **PARROTT, Ronald, A.**; 933 Benjamin Way, Healdsburg, CA 95448 (US). **LONDON, Christopher, L.**; 2026 Siesta Lane, Santa Rosa, CA 95404 (US).
 - (74) **ALLEN, Kenneth, R.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111-3834 (US).
 - (81) DE GB; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/52246** (13) A1
 - (21) PCT/US98/09509
 - (22) **12 May/mai 1998 (12.05.1998)**
 - (25) en (26) en
 - (31) 08/857,135 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ H01Q 1/36, 9/16

- (54) ● AN INTEGRATED ANTENNA PHASE SHIFTER
● DEPHASEUR D'ANTENNE INTEGRE

(71) WANG ELECTRO-OPTO CORPORATION [US/US]; Suite G, 1335 Capital Circle, Marietta, GA 30067 (US).

(72) WANG, Johnson, J., H.; 3465 Hallmark Drive, Marietta, GA 30067 (US).

(74) SANTOS, Daniel, J.; Thomas, Kayden, Horstemeyer & Risley L.L.P., Suite 1500, 100 Galleria Parkway, Atlanta, GA 30339 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/52247 (13) A1

(21) PCT/DE98/00481

(22) 18 Feb/fév 1998 (18.02.1998)

(25) de (26) de

(31) 197 19 764.7 (32) 10 May/mai 1997 (33) DE (10.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ H01Q 3/14, 19/06, 1/32, G01S 13/93, 7/03

- (54) ● RADAR SENSOR FOR A VEHICLE
● CAPTEUR-RADAR POUR VEHICULE

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WAGNER, Klaus-Peter [DE/DE]; Gaussstrasse 1, D-70193 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 98/52248 (13) A1

(21) PCT/SE98/00911

(22) 15 May/mai 1998 (15.05.1998)

(25) en (26) en

(31) 9701846-9 (32) 16 May/mai 1997 (33) SE (16.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ H01Q 3/26

- (54) ● METHOD AND DEVICE FOR ANTENNA CALIBRATION
● PROCEDE ET DISPOSITIF DE CALAGE D'ANTENNE

(71) TELEFONAKTIEBOLAGET LM ERICSSON [SE/SE]; S-126 25 Stockholm (SE).

(72) ERHAGE, Lars, Ingemar; Fyradalersgatan 26, S-413 19 Göteborg (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 98/52249 (13) A1

(21) PCT/EP98/02302

(22) 18 Apr/avr 1998 (18.04.1998)

(25) de (26) de

(31) 197 20 045.1 (32) 14 May/mai 1997 (33) DE (14.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ H01R 4/36, 4/30

- (54) ● TERMINAL CLAMP FOR CONNECTING AN ELECTRIC CONDUCTOR
● BORNE DE CONNEXION POUR CONDUCTEUR ELECTRIQUE

(71) FELTEN & GUILLEAUME ENERGIE-TECHNIK AKTIENGESELLSCHAFT [DE/DE]; Schanzenstrasse 24, D-51063 Köln (DE).

(72) BUNSELMEYER, Michael; Moorhausener Weg 21, D-26316 Varel (DE). DEUSSER, Peter; Rintelner Strasse 18, D-26954 Nordenham (DE). KUNZ, Andreas; Friedrichstrasse 1, D-26919 Brake (DE). OSTERWOHLDT, Karl, Heinz; Seedorffstrasse 1, D-26954 Nordenham (DE).

(74) HOHMANN, Heinz, H.; Felten & Guillaume Energietechnik Aktiengesellschaft, Schanzenstrasse 24-30, D-51063 Köln (DE).

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

(11) WO 98/52250 (13) A1

(21) PCT/US98/09948

(22) 15 May/mai 1998 (15.05.1998)

(25) en (26) en

(31) 08/857,239 (32) 16 May/mai 1997 (33) US (16.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ H01R 13/24, H05K 7/10, G01R 1/04

- (54) ● SOCKET FOR POSITIONING AND INSTALLING AN INTEGRATED CIRCUIT CHIP ON A FLEXIBLE CONNECTOR SHEET
● BOITIER FEMELLE POUR POSITIONNER ET INSTALLER UNE MICROPLAQUETTE SUR UNE FEUILLE DE CONNEXION FLEXIBLE

(71) WELLS ELECTRONICS, INC. [US/US]; 52940 Olive Road, South Bend, IN 46628 (US).

(72) GLICK, Michael; 52940 Olive Road, South Bend, IN 46628 (US). MROCZKIEWICZ, Kenneth, J.; 52940 Olive Road, South Bend, IN 46628 (US).

(74) DECKER, Ken, C. et al. / etc.; Baker & Daniels, Suite 250, 205 West Jefferson Boulevard, South Bend, IN 46601 (US).

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

(11) WO 98/52251 (13) A1

(21) PCT/US98/09790

(22) 14 May/mai 1998 (14.05.1998)

(25) en (26) en

(31) 9/140877 (32) 15 May/mai 1997 (33) JP (15.05.1997)

(31) 9/215743 (32) 25 Jul/juil 1997 (33) JP (25.07.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ H01R 13/436

- (54) ● ELECTRICAL CONNECTOR
● 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) OSUMI, Shinichi [JP/JP]; 5-6-7, Nagao, Tama-ku, Kawasaki, Kanagawa 214-0023 (JP). MINEMATSU, Takayuki [JP/JP]; 2-2-13, Katase, Fujisawa, Kanagawa 215-0032 (JP). KITAMURA, Hiroshi [JP/JP]; 861-2-17-104, Shimoasao, Asao-ku, Kawasaki, Kanagawa 215-0022 (JP).

(74) DITTY, Bradley, N. 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).

(11) WO 98/52252 (13) A1

(21) PCT/US98/09791

(22) 14 May/mai 1998 (14.05.1998)

(25) en (26) en

(31) 9/139324 (32) 14 May/mai 1997 (33) JP (14.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ H01R 13/50, 13/436

- (54) ● ELECTRICAL CONNECTOR
● 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) KITAMURA, Hiroshi [JP/JP]; 861-2-18-104, Shimoasao, Asao-ku, Kawasaki, Kanagawa 215-0022 (JP).

(74) DITTY, Bradley, N. 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).

(11) **WO 98/52253** (13) A2
 (21) PCT/US98/09946
 (22) **15 May/mai 1998 (15.05.1998)**
 (25) en (26) en
 (31) 60/046,621 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H01R 23/72**

(54) ● SHROUD RETENTION WAFER
 ● PLAQUETTE DE RETENUE A ENVELOPPE

(71) **BERG TECHNOLOGY, INC.** [US/US]; One East First Street, Reno, NV 89501 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DOUTRICH, Ray, C.** [US/US]; 750 Whitman Road, Lebanon, PA 17042 (US).

(74) **LONG, Daniel, J.** et al. / etc.; 825 Old Trail Road, Eters, PA 17319 (US).

(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 98/52254** (13) A2

(21) PCT/US98/09955

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

(25) en (26) en

(31) 08/857,656 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H01S 3/02**

(54) ● CRYSTAL ISOLATION HOUSING
 ● BOITIER D'ISOLEMENT DE CRISTAL

(71) **SPECTRA-PHYSICS LASERS, INC.** [US/US]; 1335 Terra Bella Avenue, Mountain View, CA 94043 (US).

(72) **WRIGHT, David;** 3 Summit Court, Redwood City, CA 94062 (US). **SHENG, Shinan, S.;** 20380 Kiltbridge Court, Saratoga, CA 95070 (US). **REEDER, Dennis;** 10828 South Canterwood Court, South Jordan, UT 84095 (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 98/52255** (13) A1

(21) PCT/DE98/00823

(22) **21 Mar/mar 1998 (21.03.1998)**

(25) de (26) de

(31) 197 19 853.8 (32) **12 May/mai 1997 (12.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H01S 3/025**

(54) ● HIGH FREQUENCY SEMICONDUCTOR LASER MODULE
 ● MODULE DE LASER A SEMICONDUCTEUR HAUTE FREQUENCE

(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) **HAUER, Heiner** [DE/DE]; Frühlingshalde 1, D-70734 Fellbach (DE). **KUKE, Albrecht** [DE/DE]; Nelkenweg 2, D-71549 Auenwald (DE). **MOESS, Eberhard** [DE/DE]; Ludwig-Beck-Strasse 6, D-71540 Murrhard (DE).

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

Published / Publiée : (c)

(11) **WO 98/52256** (13) A1

(21) PCT/US98/09949

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

(25) en (26) en

(31) 60/046,728 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H01S 3/085, 3/081, 3/025**

(54) ● EXTERNAL CAVITY LASER PIVOT DESIGN
 ● CONCEPTION DU POINT PIVOT D'UN LASER A CAVITE EXTERNE

(63) US 60/046,728 (CIP)
 16 May/mai 1997 (16.05.1997)

(71) **NEW FOCUS, INC.** [US/US]; 2630 Walsh Avenue, Santa Clara, CA 95051-0905 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOORE, Bruce, A.** [US/US]; 100 Serena Way, Santa Clara, CA 95051 (US). **ARNONE, David, F.** [US/US]; 227 Diablo Avenue, Mountain View, CA 94043 (US). **MACDONALD, Robert, L.** [US/US]; 1330 Dunnock Way, Sunnyvale, CA 94087 (US). **LUECKE, Francis, S.** [US/US]; 1815 Mayfield Drive, Crestwood, KY 40014 (US).

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

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(11) **WO 98/52257** (13) A1

(21) PCT/US98/09594

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 08/854,814 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(31) 08/854,813 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H01S 3/091**

(54) ● IMPROVED LASER CUTTING APPARATUS
 ● DISPOSITIF DE DECOUPE PAR LASER AMELIORE

(63) US 08/854,814 (CIP)
 12 May/mai 1997 (12.05.1997)

US 08/854,813 (CIP)
 12 May/mai 1997 (12.05.1997)

(71, 72) **DAHM, Jonathan, S.** [US/US]; 582 Oregon Avenue, Palo Alto, CA 94301 (US).

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

(11) **WO 98/52258** (13) A1

(21) PCT/US98/09595

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 08/854,813 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(31) 08/854,814 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H01S 3/091, B23K 26/00**

(54) ● IMPROVED LASER CUTTING METHODS
 ● PROCÉDES DE DECOUPE AU LASER AMÉLIORES

(63) US 08/854,813 (CIP)
 12 May/mai 1997 (12.05.1997)

US 08/854,814 (CIP)
 12 May/mai 1997 (12.05.1997)

(71, 72) **DAHM, Jonathan, S.** [US/US]; 582 Oregon Avenue, Palo Alto, CA 94301 (US).

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

(11) **WO 98/52259** (13) A1

(21) PCT/US98/06688

(22) **3 Apr/avr 1998 (03.04.1998)**

(25) en (26) en

(31) 08/857,395 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H01S 3/097**

(54) ● COMPACT EXCIMER LASER INSULATOR WITH INTEGRAL PRE-IONIZER
 ● ISOLATEUR COMPACT DE LASER A EXCIMER A PREIONISEUR INTEGRE

(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) **WATSON, Tom, Arthur** [US/US]; 4427 Salisbury Drive, Carlsbad, CA 92008 (US). **PARTLO, William, Norman** [US/US]; 12055 Alta Carmel Court #176, San Diego, CA 92128 (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 98/52260** (13) A1
(21) PCT/US98/10100
(22) **14 May/mai 1998 (14.05.1998)**
(25) en (26) en
(31) 60/046,751 (32) **16 May/mai 1997 (16.05.1997)** (33) US
(31) 09/017,342 (32) **2 Feb/fév 1998 (02.02.1998)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H01S 3/10**
(54) ● INTRA-CAVITY AND INTER-CAVITY HARMONICS GENERATION IN HIGH POWER LASERS
● GENERATION D'HARMONIQUES INTRA-CAVITE ET EXTRA-CAVITE POUR LASERS HAUTE PUISSANCE
(63) US 09/017,342 (CON) 2 Feb/fév 1998 (02.02.1998)
(71) **EXCEL QUANTRONIX CORP.** [US/US]; 45 Adams Avenue, Hauppauge, NY 11788 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **ZHOU, Fuzheng** [CN/US]; 53 Thoman Avenue, No. 1L, Hicksville, NY 11801 (US). **FU, Qiang** [CN/US]; 835 Nesconset Highway, No. 17, Nesconset, NY 11767 (US). **MAIKOWSKI, Michael** [US/US]; 7 Comfield Lane, Commack, NY 11725 (US).
(74) **NATOLI, Anthony, J.** et al. / etc.; Darby & Darby P.C., 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52261** (13) A1
(21) PCT/JP98/02046
(22) **8 May/mai 1998 (08.05.1998)**
(25) ja (26) ja
(31) 9/119631 (32) **9 May/mai 1997 (09.05.1997)** (33) JP
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H01S 3/137**
(54) ● BAND NARROWING LASER
● LASER RETRECISSEUR DE BANDE
(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) **WAKABAYASHI, Osamu** [JP/JP]; Kenkyusho of Komatsu Ltd., 1200, Manda, Hiratsuka-shi, Kanagawa 254-0913 (JP). **TANAKA, Hirokazu** [JP/JP]; Kenkyusho of Komatsu Ltd., 1200, Manda, Hiratsuka-shi, Kanagawa 254-0913 (JP). **ARIGA, Tatsuya** [JP/JP]; Kenkyusho of Komatsu Ltd., 1200, Manda, Hiratsuka-shi, Kanagawa 254-0913 (JP).
(74) **KIMURA, Takahisa**; Sendai Building, 6F, 8-11, Minato 1-chome, Chuo-ku, Tokyo 104-0043 (JP).
(81) DE GB KR US.

- (11) **WO 98/52262** (13) A2
(21) PCT/US98/09864
(22) **14 May/mai 1998 (14.05.1998)**
(25) en (26) en
(31) 60/046,449 (32) **14 May/mai 1997 (14.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H02B**
(54) ● COMBINATION ELECTRICAL MULTI-STRIP RECEPTACLE WITH TIMER AND ENCLOSURE
● BLOC MULTIPRISE ELECTRIQUE COMBINE AVEC MINUTERIE ET BOITIER
(71) **LAMAR CORPORATION** [US/US]; 6205 Constitution Drive, Fort Wayne, IN 46804 (US).
(72) **LAMAR, Donald, F.**; 15006 Powderhorn Road, Fort Wayne, IN 46804 (US). **MACKAY, Spencer, L.**; 28765 Pisces Street, Agoura Hills, CA 91301 (US). **HORNSBY, James, J.**; 695 Valley Vista Drive, Camarillo, CA 93010 (US).
(74) **NIEWYK, Anthony** et al. / etc.; Baker & Daniels, Suite 800, 111 East Wayne Street, Fort Wayne, IN 46802 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52263** (13) A2
(21) PCT/US98/09427
(22) **8 May/mai 1998 (08.05.1998)**
(25) en (26) en
(31) 08/856,928 (32) **15 May/mai 1997 (15.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H02G**
(54) ● UNDERWATER BULKHEAD FEED-THROUGH ASSEMBLY
● ENSEMBLE SOUS-MARIN DE TRAVERSEE DE CLOISON
(71) **OCEAN DESIGN, INC.** [US/US]; 9 Aviator Way, Ormond Beach, FL 32174 (US).
(72) **CAIRNS, James, L.**; 403 South Atlantic Avenue, Ormond Beach, FL 32176 (US). **BARLOW, Stewart, M.**; 87 Highland Avenue, Ormond Beach, FL 32174 (US).

- (74) **PROCTOR, Katherine** et al. / etc.; Brown, Martin, Haller & McClain, 1660 Union Street, San Diego, CA 92101-2926 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52264** (13) A1
(21) PCT/FR98/00936
(22) **11 May/mai 1998 (11.05.1998)**
(25) fr (26) fr
(31) 97/05915 (32) **14 May/mai 1997 (14.05.1997)** (33) FR
(31) 98/02323 (32) **26 Feb/fév 1998 (26.02.1998)** (33) FR
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H02G 3/08, 3/06**
(54) ● CABLE INSERTION DEVICE
● DISPOSITIF D'ENTREE DE CABLE
(71) **LEGRAND** [FR/FR]; 128, avenue du Maréchal de Lattre de Tassigny, F-87000 Limoges (FR). **LEGRAND S.N.C.** [FR/FR]; 128, avenue du Maréchal de Lattre de Tassigny, F-87000 Limoges (FR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **CORNU, Hervé** [FR/FR]; Route de Clères, F-76690 Mont Cauvaire (FR).
(74) **CABINET BONNET THIRION**; 12, avenue de la Grande Armée, F-75017 Paris (FR).
(81) AU 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 98/52265** (13) A1
(21) PCT/DK98/00189
(22) **15 May/mai 1998 (15.05.1998)**
(25) da (26) en
(31) 0561/97 (32) **15 May/mai 1997 (15.05.1997)** (33) DK
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H02G 11/00, F16G 13/16, H02G 3/04**
(54) ● A SYSTEM FOR THE ROUTING OF BUNDLES OF WIRES
● SYSTEME DE GUIDAGE POUR FAISCEAUX DE CABLES
(71) **RAUNKJÆR, Hans, Thyge** [DK/DK]; Søren Frichsvej 42G, DK-8230 Åbyhøj (DK).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **BRO, Karsten** [DK/DK]; Bakholmsvej 4, DK-8260 Viby J (DK).
(74) **K. SKØTT-JENSEN PATENTINGENIØRER A/S**; Lemmingvej 225, DK-8361 Hasselager (DK).

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

(11) **WO 98/52266** (13) A1

(21) PCT/US98/10027

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

(25) en (26) en

(31) 08/856,935 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H02H 1/00, 1/04, 3/22, 7/20, 9/00, 9/06, H01C 7/12, H01R 4/24, 4/26, 4/66, 9/22, 11/20, 13/73, 13/648, H05K 5/00, 5/02, 5/06, H02G 3/08, H01L 23/28**

(54) ● MULTI-CHAMBER TELECOMMUNICATIONS TERMINAL BLOCK WITH LINKING MODULE
● BLOC DE JONCTION DE TELECOMMUNICATIONS A CHAMBRES MULTIPLES AVEC MODULE DE LIAISON

(63) US 08/856,935 (CON) 15 May/mai 1997 (15.05.1997)

(71) **PSI TELECOMMUNICATIONS, INC.** [US/US]; 3333 N. San Fernando Boulevard, Burbank, CA 91504 (US).
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(72, 75) **WAAS, Charles, W.** [US/US]; 3333 N. San Fernando Boulevard, Burbank, CA 91504 (US).
LORENZEN, Joseph, D. [US/US]; 3333 N. San Fernando Boulevard, Burbank, CA 91504 (US).

(74) **HENTY, David, L.** et al. / etc.; Graham & James LLP, 14th floor, 801 S. Figueroa Street, Los Angeles, CA 90017-5554 (US).

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

(11) **WO 98/52267** (13) A1

(21) PCT/US98/09585

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 08/856,264 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H02H 7/125, 9/02**

(54) ● INRUSH CURRENT CONTROL CIRCUITRY
● CIRCUIT DE REGULATION DES APPELS DE COURANT

(71) **SONY TRANSCOM INC.** [US/US]; 1833 Alton Avenue, Irvine, CA 92714 (US).

(72) **NINH, Loi;** 22 Calabria Lane, Foothill Ranch, CA 92610 (US). **FERGUSON, Bruce, R.;** 516 S. Morningstar Drive, Anaheim, CA 92808 (US). **ISHIDA, Roy, I.;** 1-55 Mesa Verde East #13A, Costa Mesa, CA 92626 (US).

(74) **MILLER, Jerry, A.** et al. / etc.; 1 Sony Drive, MD T1-1, Park Ridge, NJ 07656 (US).

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

(11) **WO 98/52268** (13) A1

(21) PCT/EP98/02606

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

(25) de (26) de

(31) 197 19 919.4 (32) **13 May/mai 1997 (13.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H02H 11/00**

(54) ● CIRCUIT FOR THE PROTECTION OF ELECTRICAL DEVICES
● DISPOSITIF POUR LA PROTECTION DE SYSTEMES ELECTRIQUES

(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) **MÄCKEL, Rainer** [DE/DE]; Ittenbacher Strasse 18, D-53639 Königswinter (DE). **HILLE, Peter** [DE/DE]; Liebigstrasse 35, D-64293 Darmstadt (DE). **BLESSING, Alf** [DE/DE]; Frühingstrasse 35, D-73092 Heiming (DE).

(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).

Published / Publiée : (c)

(11) **WO 98/52269** (13) A1

(21) PCT/US98/08084

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

(25) en (26) en

(31) 08/854,467 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H02J 7/00, H02P 1/00**

(54) ● SYSTEM AND METHOD FOR RECHARGING THE BATTERY OF A BATTERY OPERATED MOTOR
● SYSTEME ET PROCEDE DE RECHARGE DE BATTERIE D'UN MOTEUR

(71) **EDGTEC** [US/US]; W220 N507 Springdale Road, Waukesha, WI 53187 (US).

(72) **MONET, Paul, L.;** 2055 Carrington Drive, Brookfield, WI 53045 (US). **VILLIESTE, Thomas, E.;** 2910 Brookridge Court North, Waukesha, WI 53188 (US).

(74) **RYAN, Daniel, D.** et al. / etc.; 633 West Wisconsin Avenue, Milwaukee, WI 53203 (US).

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

(11) **WO 98/52270** (13) A1

(21) PCT/US98/09825

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

(25) en (26) en

(31) 60/046,605 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(31) 08/914,674 (32) **19 Aug/août 1997 (19.08.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H02J 7/00**

(54) ● EQUALIZATION OF SERIES-CONNECTED CELLS AND BATTERIES
● EGALISATION DE CELLULES ET BATTERIES CONNECTEES EN SERIE

(71) **ADVANCED CHARGER TECHNOLOGY, INC.** [US/US]; Suite 180, 680 Engineering Drive, Norcross, GA 30092 (US).

(72) **PODRAZHANSKY, Yury;** 2825 Lakewind Court, Alpharetta, GA 30202 (US). **PODRAZHANSKY, Mikhail, Y.;** 4130 Popular Spring Court, Norcross, GA 30092 (US). **KUSHARSKIY, Yefim, Y.;** 6575 Meadow Rue Drive, Norcross, GA 30092 (US).

(74) **WARNER, Charles, L., II** et al. / etc.; Smith, Grambrell & Russell, Promenade II, Suite 3100, 1230 Peach Street, N.E., Atlanta, GA 30309-3592 (US).

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

(11) **WO 98/52271** (13) A1

(21) PCT/FR98/00899

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

(25) fr (26) fr

(31) 97/05847 (32) **13 May/mai 1997 (13.05.1997)** (33) FR

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H02K 7/09, 31/00**

(54) ● MAGNETIC BEARING COUPLED WITH AN ELECTRIC MOTOR
● PALIER MAGNETIQUE COUPLE AVEC UN MOTEUR

(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) **LAMBERT, Charles** [FR/FR]; Les Chaumettes - Bâtiment H, 11, avenue Font de Veyre, F-06150 Cannes la Bocca (FR).

(74) **RINUY, SANTARELLI**; 14, avenue de la Grande Armée, Boîte postale 237, F-75822 Paris Cedex 17 (FR).

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

Published / Publiée : (c)

(11) **WO 98/52272** (13) A1

(21) PCT/EP98/02717

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

(25) de (26) de

(31) 197 21 001.5 (32) **12 May/mai 1997 (12.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H02K 7/18, E05B 47/00, 49/00, G08C 17/00**

(54) ● ELECTRONIC APPARATUS WITH MECHANICAL ENERGY-ABSORPTION UNIT
● APPAREIL ELECTRONIQUE POURVU D'UNE UNITE MECANIQUE D'ABSORPTION D'ENERGIE

(71, 72) **REIN, Claus** [DE/DE]; Hans-Böheim-Strasse 5, D-01309 Dresden (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 98/52273** (13) A1

(21) PCT/IB98/00393

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 97201451.8 (32) **14 May/mai 1997 (14.05.1997)** (33) EP

(34) NL et al. / etc.

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H02M 3/335**

(54) ● SWITCHED-MODE POWER SUPPLY, AN ELECTRIC SHAVER, AND A METHOD OF CONVERTING DIRECT VOLTAGES
● ALIMENTATION A DECOUPAGE, RASOIR ELECTRIQUE ET PROCEDE DE CONVERSION DE TENSIONS CONTINUES

(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 LEEST, Paulus, Johannes, Carolus**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **HESSSELMANN, Gerardus, J., M.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).

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

Published / Publiée : (c)

(11) **WO 98/52274** (13) A2

(21) PCT/US98/09848

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

(25) en (26) en

(31) 08/855,228 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H02N 2/04**

(54) ● HIGH POWER ULTRASONIC MOTOR

● MOTEUR A ULTRASONS DE FORTE PUISSANCE

(71) **ETREMA PRODUCTS, INC.** [US/US]; 2500 North Loop Drive, Ames, IA 50010 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HANSEN, Thomas, T.** [US/US]; 3703 Dawes Drive, Ames, IA 50010 (US).

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

(11) **WO 98/52275** (13) A1

(21) PCT/EP98/02726

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

(25) de (26) de

(31) 197 20 309.4 (32) **15 May/mai 1997 (15.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H02P 6/14, H02K 29/08**

(54) ● ELECTRONICALLY COMMUTATED ENGINE

● MOTEUR A COMMUTATION ELECTRONIQUE

(71) **PAPST-MOTOREN GMBH & CO. KG** [DE/DE]; Hermann-Papst-Strasse 1, D-78112 St. Georgen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DOEMEN, Benno** [DE/DE]; Talsteige 8, D-78112 St. Georgen (DE). **VON DER HEYDT, Thomas** [DE/DE]; Ludwig-Weisser-Strasse 26, D-78112 St. Georgen (DE). **RAPPENECKER, Hermann** [DE/DE]; Krankenhausstrasse 26, D-78147 Vöhrenbach (DE). **SCHMIDER, Fritz** [DE/DE]; Schlossstrasse 56 d, D-78132 Hornberg (DE). **SZONDI, Gabor** [HU/DE]; Forststrasse 1, D-78126 Königfeld (DE).

(74) **LENZ, Klaus**; Papst-Motoren GmbH & Co. KG, Postfach 1435, D-78106 St. Georgen (DE).

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

(11) **WO 98/52276** (13) A1

(21) PCT/US97/23190

(22) **12 Dec/déc 1997 (12.12.1997)**

(25) en (26) en

(31) 08/855,169 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H03B 5/18**

(54) ● MICROWAVE LINEAR OSCILLATOR/AMPLIFIER UTILIZING A MULTICOUPLED FERRITE RESONATOR

● OSCILLATEUR/AMPLIFICATEUR LINEAIRE HYPERFREQUENCES UTILISANT UN RESONATEUR A FERRITE A PLUSIEURS COUPLAGES

(71) **VERTICOM, INC.** [US/US]; 2330 Circadian Way, Santa Rosa, CA 95407 (US).

(72) **PARROTT, Ronald, A.**; 933 Benjamin Way, Healdsburg, CA 95448 (US).

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

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

(11) **WO 98/52277** (13) A1

(21) PCT/US98/09875

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 60/046,203 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(31) 09/075,649 (32) **11 May/mai 1998 (11.05.1998)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H03B 5/18, H03H 5/12**

(54) ● VARACTOR TUNED MICROSTRIP LINE RESONATOR AND VCO USING SAME

● RESONATEUR A LIGNES MICRORUBAN REGLE PAR VARACTOR ET OSCILLATEUR COMMANDE EN TENSION EMPLOYANT CELUI-CI

(71) **AIL SYSTEMS, INC.** [US/US]; 455 Commack Road, Deer Park, NY 11729-4590 (US).

(72) **MERENDA, Joseph, Leonard**; 480 Clocks Boulevard, Massapequa, NY 11758 (US).

(74) **BODNER, Gerald, T.** et al. / etc.; Hoffmann & Baron, LLP, 350 Jericho Turnpike, Jericho, NY 11753 (US).

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

(11) **WO 98/52278** (13) A2

(21) PCT/IB98/00405

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 08/854,711 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H03F 1/52, H03G 3/00**

(54) ● AN AMPLIFIED MOS BIASING CIRCUIT FOR AVOIDING LATCH-UP

● CIRCUIT DE POLARISATION MOS AMPLIFIE, CONCU POUR EMPECHER LE VERROUILLAGE A L'ETAT PASSANT

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

(71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **WOMACK, Richard**; Prof. Holstaan 6, NL-5656 AA Eindhoven (NL).

(74) **KOPPEN, Jan**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).

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

(11) **WO 98/52279** (13) A1

(21) PCT/JP97/01584

(22) **12 May/mai 1997 (12.05.1997)**

(25) ja (26) ja

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H03H 9/145, 9/25**

(54) ● ELASTIC WAVE DEVICE
● DISPOSITIF A ONDE ELASTIQUE

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101 (JP).

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

(72, 75) **ISOBE, Atsushi** [JP/JP]; 5-17-8-3, Josuihoncho, Kodaira-shi, Tokyo 187 (JP). **HIKITA, Mitsutaka** [JP/JP]; 30-7, Yokokawamachi, Hachioji-shi, Tokyo 193 (JP). **SHIBAGAKI, Nobuhiko** [JP/JP]; 5-17-3-3, Josuihoncho, Kodaira-shi, Tokyo 187 (JP). **ASAI, Kengo** [JP/JP]; Room 68, Hitachikoigakuboryo, 3-8-1, Nishikoigakubo, Kokubunji-shi, Tokyo 185 (JP). **TAKUBO, Chisaki** [JP/JP]; Room D-308, Hitachikoyasudaiaipato, 2-32, Koyasucho, Hachioji-shi, Tokyo 192 (JP).

(74) **OGAWA, Katsuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100 (JP).

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

(11) **WO 98/52280** (13) A1

(21) PCT/JP97/01602

(22) **13 May/mai 1997 (13.05.1997)**

(25) ja (26) ja

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H03H 9/17, H04L 41/08**

(54) ● PIEZOELECTRIC THIN FILM DEVICE
● DISPOSITIF A COUCHE MINCE PIEZOELECTRIQUE

(71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

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

(72, 75) **YAMADA, Akira** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **MAEDA, Chisako** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **UMEMURA, Toshio** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **UCHIKAWA, Fusaoki** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **MISU, Koichiro** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **WADAKA, Shusou** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **ISHIKAWA, Takahide** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540 (JP).

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

(11) **WO 98/52281** (13) A1

(21) PCT/CA97/00765

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) 08/856,701 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H03H 9/64**

(54) ● SURFACE WAVE DEVICE BALUN RESONATOR FILTERS
● DISPOSITIF A ONDES DE SURFACE A FILTRES A CAVITE SYMETRISEURS

(71) **NORTHERN TELECOM LIMITED** [CA/CA]; World Trade Center of Montreal, 8th floor, 380 St. Antoine Street West, Montreal, Quebec H2Y 3Y4 (CA).

(72) **DAI, Ji-Dong**; 18 Rowe Drive, Kanata, Ontario K2L 3Y2 (CA). **XU, Yufeng**; 10 Rowe Drive, Kanata, Ontario K2L 3Y2 (CA). **CAMERON, Thomas, Philip**; 18 Willow Garden Crescent, Stittsville, Ontario (CA).

(74) **HALEY, R., John**; Northern Telecom Limited, Patent Dept., P.O. Box 3511, Station "C", Ottawa, Ontario K1Y 4H7 (CA).

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

(11) **WO 98/52282** (13) A1

(21) PCT/US98/09667

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 60/046,255 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(31) 09/075,641 (32) **11 May/mai 1998 (11.05.1998)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H03H 21/00**

(54) ● METHOD AND APPARATUS FOR EFFICIENT IMPLEMENTATION OF A MULTI-RATE LMS FILTER
● PROCEDE ET APPAREIL POUR LA MISE EN PLACE D'UN FILTRE A MOYENNE QUADRATIQUE MINIMALE, A DEBITS MULTIPLES

(71) **LEVEL ONE COMMUNICATIONS, INC.** [US/US]; 9750 Goethe Road, Sacramento, CA 95827 (US).

(72) **CAMAGNA, John, R.**; 4069 Brancroft Avenue, El Dorado Hills, CA 95762 (US). **TAKATORI, Hiroshi**; 932 South Beach Drive, Sacramento, CA 95831 (US). **AN, Ping**; 7932 La Riviera Drive #197, Sacramento, CA 95826 (US).

(74) **BERMAN, Charles**; Merchant, Gould, Smith, Edell, Welter & Schmidt, Suite 400, 11150 Santa Monica Boulevard, Los Angeles, CA 90025-3395 (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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52283** (13) A1

(21) PCT/US97/23063

(22) **29 Nov/nov 1997 (29.11.1997)**

(25) en (26) en

(31) 08/855,868 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H03K 5/153, 5/22**

(54) ● DIRECT SENSOR INTERFACE (DSI) MODULE
● MODULE D'INTERFACE DIRECTE AVEC DES CAPTEURS

(71) **MICROCHIP TECHNOLOGY INCORPORATED** [US/US]; 2355 West Chandler Boulevard, Chandler, AZ 85224 (US).

(72) **DARMAWASKITA, Hartono**; 1260 West Geronimo Place, Chandler, AZ 85224 (US). **NOLAN, James, B.**; 1525 West Honeysuckle Lane, Chandler, AZ 85248 (US).

(74) **WEISS, Harry, M.**; Harry M. Weiss & Associates, P.C., 4204 North Brown Avenue, Scottsdale, AZ 85251 (US).

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

(11) **WO 98/52284** (13) A2

(21) PCT/SE98/00830

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 9701805-5 (32) **15 May/mai 1997 (15.05.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H03L 7/085**

(54) ● PHASE DETECTOR ARRANGEMENT
● CONFIGURATION DE DETECTEUR DE PHASE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-125 26 Stockholm (SE).

(72) **BLADH, Mats**; Önnemovägen 116, S-146 53 Tullinge (SE).

(74) **BERGENTALL, Annika**; CEGUMARK AB, P.O. Box 53047, S-400 14 Göteborg (SE).

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

(11) **WO 98/52285** (13) A2

(21) PCT/US98/09686

- (22) **12 May/mai 1998 (12.05.1998)**
(25) en (26) en
(31) 08/856,674 (32) **15 May/mai 1997 (15.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H03M**
(54) ● DIGITAL VIDEO TRANSPORT ERROR HANDLING IN CELL BASED COMMUNICATIONS SYSTEMS
● GESTION DES ERREURS DANS LE TRANSPORT DE SIGNAUX VIDEO NUMERIQUES DANS DES SYSTEMES DE COMMUNICATION FONDES SUR DES CELLULES
(71) **NEXT LEVEL COMMUNICATIONS** [US/US]; 6085 State Farm Drive, Rohnert Park, CA 94928 (US).
(72) **MAO, Weidong**; Apartment 12, 203 Salem Court, Princeton, NJ 08540 (US).
(74) **BLASKO, John, P.** et al. / etc.; 111 North Broad Street, Doylestown, PA 18901 (US).
(81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK 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 98/52286** (13) A2
(21) PCT/IB98/00550
(22) **14 Apr/avr 1998 (14.04.1998)**
(25) en (26) en
(31) 97201468.2 (32) **15 May/mai 1997 (15.05.1997)** (33) EP
(34) NL et al. / etc.
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H03M 1/00**
(54) ● SWEPT FREQUENCY DEVICE TEST
● ESSAI D'UN DISPOSITIF, AVEC BALAYAGE EN FREQUENCE
(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) **ZWEMSTRA, Taco**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **SEUREN, Gerardus, Petrus, Helena**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **LOOLIJER, Marc, Theodor**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **JANSSEN, Augustus, Josephus, Elizabeth, Maria**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
(74) **KOPPEN, Jan**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).
(81) JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/52287** (13) A2
(21) PCT/US98/09752
(22) **13 May/mai 1998 (13.05.1998)**
(25) en (26) en
(31) 60/046,410 (32) **14 May/mai 1997 (14.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H04B**
(54) ● SIGNAL SPACE DETECTOR FOR CHANNELS UTILIZING A CODE HAVING TIME VARYING CONSTRAINTS
● DETECTEUR D'ESPACES DE SIGNAL POUR VOIES UTILISANT UN CODE A CONTRAINTES VARIANT AVEC LE TEMPS
(71) **SEAGATE TECHNOLOGY, INC.** [US/US]; 920 Disc Drive, Scotts Valley, CA 95066 (US).
(72) **SHAFIEE, Hamid, R.**; P.O. Box 201143, Bloomington, MN 55420 (US). **RUB, Bernardo**; 6608 Scandia Road, Edina, MN 55439 (US).
(74) **KELLY, Joseph, R.**; Westman, Champlin & Kelly, P.A., Suite 1600 - International Centre, 900 Second Avenue South, Minneapolis, MN 55402-3319 (US) et al. / etc.
(81) CN DE GB JP KR SG.
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- (11) **WO 98/52288** (13) A1
(21) PCT/US98/02136
(22) **6 Feb/fév 1998 (06.02.1998)**
(25) en (26) en
(31) 08/857,408 (32) **16 May/mai 1997 (16.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H04B 1/00, 15/00, H04Q 7/20, 7/30, 7/36**
(54) ● METHOD AND APPARATUS FOR ESTIMATING CAPACITY IN A COMMUNICATION SYSTEM
● PROCEDE ET APPAREIL D'EVALUATION DE LA CAPACITE D'UN SYSTEME DE TELECOMMUNICATIONS
(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
(72) **FLEMING, Philip, J.**; 309 Prince Edward Road, Glen Ellyn, IL 60137 (US). **SCHAEFFER, Dennis, R.**; 266 Mohawk Trail, Buffalo Grove, IL 60089 (US). **XU, Hua**; 1069 Cormar Drive, Lake Zurich, IL 60047 (US).
(74) **SONNENTAG, Richard, A.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
(81) CA CN JP KR.
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- (11) **WO 98/52289** (13) A1
(21) PCT/US98/08889
(22) **1 May/mai 1998 (01.05.1998)**
(25) en (26) en
(31) 08/854,589 (32) **12 May/mai 1997 (12.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H04B 1/00**
(54) ● VEHICULAR LOUDSPEAKER SYSTEM
● SYSTEME DE HAUT-PARLEURS POUR VEHICULE
(71) **NOISE CANCELLATION TECHNOLOGIES, INC.** [US/US]; 1025 West Nursery Road, Linthicum, MD 21090 (US).
(72) **WARNAKA, Glenn, E.**; 1612 South Allen Street, State College, PA 16801 (US). **WARNAKA, Mark, E.**; 425 Hublersburg Road, Howard, PA 16841 (US). **PARRELLA, Michael, J.**; 40 Kellogg Hill Road, Weston, CT 06883 (US).
(74) **EATWELL, Carla**; Noise Cancellation Technologies, Inc., 1025 West Nursery Road, Linthicum, MD 21090 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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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- Published / Publiée : (c)
(11) **WO 98/52290** (13) A1
(21) PCT/NL98/00276
(22) **15 May/mai 1998 (15.05.1998)**
(25) nl (26) en
(31) 1006076 (32) **16 May/mai 1997 (16.05.1997)** (33) NL
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H04B 1/08**
(54) ● PEN-RADIO RECEIVER
● STYLO-RECEPTEUR RADIO
(71, 72) **COUPRIE, Dirk, Jacob, Jan** [NL/FI]; Kunnalliskodintie 6 E 102, FIN-00600 Helsinki (FI).
(74) **DE HOOP, Eric**; 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 GM GW HU ID IL IS JP KE KG KP KR KZ 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 98/52291** (13) A1
(21) PCT/FI98/00368
(22) **28 Apr/avr 1998 (28.04.1998)**
(25) fi (26) en
(31) 971850 (32) **30 Apr/avr 1997 (30.04.1997)** (33) FI
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H04B 1/40, H01P 1/203**
(54) ● ARRANGEMENT FOR REDUCING INTER-MODULATION DISTORTION OF RADIO FREQUENCY SIGNALS
● SYSTEME PERMETTANT DE REDUIRE LA DISTORSION PAR INTERMODULATION DES SIGNAUX RF
(71) **NOKIA TELECOMMUNICATIONS OY** [FI/FI]; Keilalahdentie 4, FIN-02160 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PIIRAINEN, Risto** [FI/FI]; Soratie 21 A 2, FIN-90650 Oulu (FI).

(74) **PATENTTIKESKUS TEKNOLOGIA 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 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 98/52292** (13) A1

(21) PCT/US98/09177

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

(25) en (26) en

(31) 08/855,102 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04B 1/40, H03D 7/16**

(54) ● DUAL-BAND RADIO RECEIVER
● RECEPTEUR RADIO A DEUX BANDES

(71) **ERICSSON, INC.** [US/US]; P.O. Box 13969, Research Triangle Park, NC 27709-3969 (US).

(72) **DOLMAN, Rodney, A.**; 100 Southwick Court, Cary, NC 27513 (US). **LAMPE, Ross, W.**; 2408 White Oaks Road, Raleigh, NC 27609 (US).

(74) **BENNETT, David, E.** et al. / etc.; Rhodes, Coats & Bennett, L.L.P., P.O. Box 5, Raleigh, NC 27602 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/52293** (13) A1

(21) PCT/US98/09645

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

(25) en (26) en

(31) 08/856,244 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04B 1/44, 1/38, H01Q 1/24**

(54) ● ANTENNA ARRANGEMENT FOR PORTABLE TWO-WAY RADIO APPARATUS
● AGENCEMENT D'ANTENNE POUR POSTE PORTATIF EMETTEUR-RECEPTEUR

(71) **SONY ELECTRONICS, INC.** [US/US]; 1 Sony Drive, Park Ridge, NJ 07656-8003 (US).

(72) **TSUDA, Shinichiro**; 5205 Fiore Terrace, San Diego, CA 92122-5643 (US). **TORIYAMA, Ichiro**; 13156 Scabard Place, San Diego, CA 92128-4054 (US). **SATO, Naotaka**; 12670 Torrey Bluff Drive #271, San Diego, CA 92130-4262 (US).

(74) **FROMMER, William, S.**; Frommer Lawrence & Haug LLP, 745 Fifth Avenue, New York, NY 10151 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/52294** (13) A1

(21) PCT/US98/02955

(22) **3 Apr/avr 1998 (03.04.1998)**

(25) en (26) en

(31) 08/858,170 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04B 3/32**

(54) ● WIDE BAND TRANSMISSION THROUGH WIRE
● TRANSMISSION DE SIGNAUX A LARGE BANDE DANS UN CONDUCTEUR

(71) **AT & T CORP.** [US/US]; 32 Avenue of the Americas, New York, NY 10013-2412 (US).

(72) **MILLER, Robert, Raymond**; 12 Bradley Road, Convent Station, NJ 07960 (US). **RUSSELL, Jesse, Eugene**; 2 Thames Avenue, Piscataway, NJ 08854 (US). **SHIVELY, Richard, Robert**; 5 Old Glen Road, Convent Station, NJ 07961 (US).

(74) **DWORETSKY, Samuel, H.** et al. / etc.; AT & T Corp., P.O. Box 4110, Middletown, NJ 07748 (US).

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

(11) **WO 98/52295** (13) A1

(21) PCT/US98/07785

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

(25) en (26) en

(31) 08/841,503 (32) **23 Apr/avr 1997 (23.04.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04B 5/00**

(54) ● SHORT-RANGE WIRELESS AUDIO COMMUNICATIONS USING INDUCTION
● COMMUNICATIONS VOCALES SANS FIL A FAIBLE PORTEE, POUR LESQUELLES L'INDUCTION EST UTILISEE

(71) **AURA COMMUNICATIONS, INC.** [US/US]; 187 Ballardvale Street, Wilmington, MA 01887 (US).

(72) **PALERMO, Vincent**; 13 Stony Brood Road, Westford, MA 01886 (US). **COBLER, Patrick, J.**; 105 Concord Avenue, Belmont, MA 02178 (US). **BUTLER, Neal, R.**; 144 School Street, Acton, MA 01720 (US).

(74) **TOSTI, Robert, J.**; Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).

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

(11) **WO 98/52296** (13) A2

(21) PCT/GB98/01372

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

(25) en (26) en

(31) 9709802.4 (32) **14 May/mai 1997 (14.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04B 7/00**

(54) ● ALLOCATION OF BANDWIDTH TO CALLS IN A WIRELESS TELECOMMUNICATIONS SYSTEM

● AFFECTATION D'UNE LARGEUR DE BANDE A DES APPELS DANS UN SYSTEME DE TELECOMMUNICATIONS SANS FIL

(71) **AIRSPAN COMMUNICATIONS CORPORATION** [US/US]; The Corporation Trust Company, 1209 Orange Street, Wilmington, DE 19801 (US).

(71) **AIRSPAN COMMUNICATIONS LIMITED** [GB/GB]; 5 New Square, Feltham, Middlesex TW14 8HA (GB).
(only for / seulement pour MC)

(72) **WALDING, Andrew, Mervyn**; 1308 Greenfield Drive, Plano, TX 75025 (US).

(74) **HORNER, David, Richard**; 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 GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/52297** (13) A2

(21) PCT/US98/09839

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

(25) en (26) en

(31) 08/857,388 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04B 7/00**

(54) ● METHOD AND MEANS FOR INCREASING THROUGHPUT IN A CARRIER

● METHODE ET DISPOSITIF PERMETTANT D'ACCROITRE LE DEBIT D'UN PORTEUR

(63) US 08/857,388 (CIP)
15 May/mai 1997 (15.05.1997)

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

(11) **WO 98/52298** (13) A2

(21) PCT/FI98/00410

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

(25) sv (26) en

(31) 972058 (32) **14 May/mai 1997 (14.05.1997)** (33) FI

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04B 7/005**

(54) ● METHOD FOR ADJUSTING POWER OF TRANSMITTER, AND CONTROL ARRANGEMENT

● PROCEDE POUR REGLER LA PUISSANCE D'UN EMETTEUR, ET SYSTEME DE COMMANDE

(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) **DEKKER, André** [NL/FI]; Urpiaisentie 13, FIN-90540 Oulu (FI).

(74) **PATENTTITOIMISTO TEKNOLOGIS 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 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 98/52299** (13) A1

(21) PCT/US98/09927

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

(25) en (26) en

(31) 08/857,343 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04B 7/005, H04N 1/00**

(54) ● A METHOD OF AND APPARATUS FOR DETECTING AND PREVENTING MESSAGE COLLISIONS IN A COMMUNICATION SYSTEM

● PROCEDE ET APPAREIL DE DETECTION ET DE PREVENTION DES COLLISIONS DE MESSAGES DANS UN SYSTEME DE COMMUNICATION

(71) **QUALCOMM INCORPORATED** [US/US]; 6455 Lusk Boulevard, San Diego, CA 92121 (US).

(72) **LEUNG, Nikolai, K., N.**; 5281 Setting Sun Way, San Diego, CA 92121 (US).

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

(11) **WO 98/52300** (13) A2

(21) PCT/US98/09613

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

(25) en (26) en

(31) 08/855,242 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04B 7/008**

(54) ● SYSTEM AND METHOD FOR DETECTION AND SELECTION OF MULTIPLE ANTENNA

● SYSTEME ET PROCEDE DE DETECTION ET SELECTION D'ANTENNES MULTIPLES

(71) **QUALCOMM INCORPORATED** [US/US]; 6455 Lusk Boulevard, San Diego, CA 92121 (US).

(72) **GRANATA, Gary**; 10626 Aderman Avenue #10, San Diego, CA 92126 (US). **THOMPSON, James, H.**; 7523 Brava Street, Carlsbad, CA 92009 (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 LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/52301** (13) A2

(21) PCT/GB98/01354

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

(25) en (26) en

(31) 9709795.0 (32) **14 May/mai 1997 (14.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04B 7/155**

(54) ● SATELLITE APPARATUS WITH OMNIDIRECTIONAL AND MANUALLY STEERABLE DIRECTIONAL ANTENNA

● DISPOSITIF ET PROCEDE DE COMMUNICATION PAR SATELLITE

(71) **INTERNATIONAL MOBILE SATELLITE ORGANIZATION** [-/GB]; 99 City Road, London EC1Y 1AX (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BROUGHTON, John, William** [CA/GB]; 2A Park Avenue, Watford, Hertfordshire WD1 7HP (GB).

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

(11) **WO 98/52302** (13) A1

(21) PCT/SE98/00782

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

(25) en (26) en

(31) 9701848-5 (32) **16 May/mai 1997 (16.05.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04B 7/26**

(54) ● ANTENNA SYSTEM FOR A MOBILE COMMUNICATION STATION, SUCH STATION, AND A METHOD OF RADIO COMMUNICATION

● SYSTEME D'ANTENNES POUR STATION DE COMMUNICATION MOBILE, STATION AINSI UTILISEE, ET PROCEDE DE RADIOCOMMUNICATION

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).

(72) **SCHEFTE, Henry** (deceased / décédé). **DERNERED, Anders**; Pappersmakaregatan 6, S-422 44 Hisings Backa (SE). **REINEFJORD, Staffan**; Frejavägen 24, S-182 64 Djursholm (SE).

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

(11) **WO 98/52303** (13) A1

(21) PCT/GB98/01359

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

(25) en (26) en

(31) 9709627.5 (32) **13 May/mai 1997 (13.05.1997)** (33) GB

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04B 10/13**

(54) ● OPTICAL COMMUNICATIONS SYSTEM INCLUDING ARRANGEMENT CONNECTING A MULTIMODE FIBRE TO A SINGLE MODE FIBRE

- SYSTEME DE COMMUNICATION PAR FIBRES OPTIQUES DOTE D'UN DISPOSITIF CONNECTANT UNE FIBRE MULTIMODALE A UNE FIBRE MONOMODALE

(71) **HEWLETT-PACKARD COMPANY** [US/US]; 3000 Hanover Street, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CUNNINGHAM, David, George** [GB/GB]; 5 Honeyborne Way, Wickwar, Gloucestershire GL12 8PF (GB). **NOWELL, Mark, Charles** [GB/GB]; 31 Livingston Road, Bath BA2 3PH (GB). **MUSK, Robert, William** [GB/GB]; Fieldings, Main Road, Ashbocking, Suffolk IP6 9JT (GB). **COLES, Alistair, Neil** [GB/GB]; 17 East Lea Road, Bath BA1 3RP (GB).

(74) **LAWRENCE, Richard, Anthony**; Hewlett-Packard Limited, Intellectual Property Section, Filton Road, Stoke Gifford, Bristol BS34 8QZ (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 98/52304** (13) A1

(21) PCT/EP98/02696

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) MI97A001097 (32) **12 May/mai 1997 (12.05.1997)** (33) IT

(31) 60/050,061 (32) **13 Jun/juin 1997 (13.06.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04B 10/155, 1/62**

(54) ● EXTERNAL OPTICAL MODULATION SYSTEM COMPRISING A PREDISTORTER

● SYSTEME DE MODULATION OPTIQUE EXTERNE COMPRENANT UN CIRCUIT DE PRE-DISTORSION

(71) **PIRELLI CAVI E SISTEMI S.P.A.** [IT/IT]; Viale Sarca, 222, I-20126 Milano (IT).
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(72, 75) **MUSSINO, Franco** [IT/IT]; Corso Ciro Menotti, 4, I-10138 Torino (IT). **NOTAR-GIACOMO, Massimo** [IT/IT]; Via Arbo, 26, I-13062 Candelo (IT). **GOBETTI, Gianluca** [IT/IT]; Via Due Ponti, 2, I-29010 Castelvetro Piacentino (IT). **RAVASIO, Giuseppe** [IT/IT]; Via de Gasperi, 20, I-24042 Capriate (IT). **ZAM-MARCHI, Claudio** [IT/IT]; Via U. Ceva, 29, I-20100 Milano (IT).

(74) **PIRELLI CAVI E SISTEMI S.P.A.**; Viale Sarca, 222, I-20126 Milano (IT).

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

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(11) **WO 98/52305** (13) A1

(21) PCT/US98/08580

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 60/046,916 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(31) 09/025,009 (32) **17 Feb/fév 1998 (17.02.1998)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04B 10/17, H01S 3/00**

(54) ● REDUNDANT OPTICAL POWER SUPPLY FOR REMOTE PUMPING OF FIBER OPTIC GAIN MODULES

● ALIMENTATION EN PUISSANCE OPTIQUE REDONDANTE POUR TELE POMPAGE DE MODULES DE GAIN DE FIBRE OPTIQUE

(71) **SCIENTIFIC-ATLANTA, INC.** [US/US]; One Technology Parkway South, Norcross, GA 30092 (US).

(72) **MUNKS, Timothy, C.**; 847 Teverton Lane, Crystal Lake, IL 60014 (US). **SIPES, Donald, L., Jr.**; 5513 Sequoia Trail, Crystal Lake, IL 60012 (US).

(74) **GARDNER, Kelly, A.** et al. / etc.; Scientific-Atlanta, Inc., One Technology Parkway South, Norcross, GA 30092 (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 98/52306** (13) A2

(21) PCT/FI98/00407

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

(25) fi (26) en

(31) 972023 (32) **13 May/mai 1997 (13.05.1997)** (33) FI

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04B 10/20**

(54) ● OPTICAL ADD/DROP DEVICE

● DISPOSITIF OPTIQUE D'INSERTION-EXTRACTION

(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) **KURKI, Jouko** [FI/FI]; Soihtopolku 8, FIN-00670 Helsinki (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 98/52307** (13) A1

(21) PCT/JP98/02161

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

(25) ja (26) ja

(31) 9/127076 (32) **16 May/mai 1997 (16.05.1997)** (33) JP

(31) 9/249199 (32) **12 Sep/sep 1997 (12.09.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04B 14/00, H03J 13/00**

(54) ● VARIABLE RATE TRANSMISSION AND RECEPTION METHODS, AND VARIABLE RATE TRANSMISSION AND RECEPTION DEVICES

● PROCEDES ET DISPOSITIFS D'EMISSION ET DE RECEPTION A DEBIT VARIABLE

(71) **NTT MOBILE COMMUNICATIONS NETWORK INC.** [JP/JP]; 10-1, Toranomon 2-chome, Minato-ku, Tokyo 105-8436 (JP).
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(72, 75) **OKUMURA, Yukihiko** [JP/JP]; 2-3-405, Sugita 9-chome, Isogo-ku, Yokohama-shi, Kanagawa 235-0033 (JP). **ADACHI, Fumiaki** [JP/JP]; 12-4, Tomioka-nishi 6-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0052 (JP).

(74) **TANI, Yoshikazu**; 6th Seiko Building, Suite 300, 1-31, Akasaka 5-chome, Minato-ku, Tokyo 107-0052 (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 98/52308** (13) A1

(21) PCT/IB98/00861

(22) **12 May/mai 1998 (12.05.1998)**

(25) en (26) en

(31) 08/855,302 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04B 15/02**

(54) ● ELECTROMAGNETIC INTERFERENCE SUPPRESSING DEVICE

● DISPOSITIF PERMETTANT D'ELIMINER UNE INTERFERENCE ELECTROMAGNETIQUE

(71, 72) **CASTELLA, Jean-Pierre** [FR/FR]; 23 Les Hauts du Lac, F-83890 Besse/Issole (FR).

(74) **RINUY, Santarelli**; 14, avenue de la Grande Armée, F-75017 Paris (FR).

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

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(11) **WO 98/52309** (13) A1

(21) PCT/EP98/02744

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

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(31) 197 19 695.0 (32) **9 May/mai 1997 (09.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04H 9/00**

(54) ● METHOD AND DEVICE FOR MEASURING THE ATTENTION OF LIVING ORGANISMS IN A PLURALITY OF LIVING ORGANISMS

● PROCEDE ET DISPOSITIF PERMETTANT DE MESURER L'ATTENTION D'ETRES VIVANTS AU SEIN D'UNE PLURALITE D'ETRES VIVANTS

(71) **EBERHARD-KARLS-UNIVERSITÄT TÜBINGEN** [DE/DE]; Universitätsklinikum, Geissweg 3, D-72076 Tübingen (DE).
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(72, 75) **SCHAEFFEL, Frank** [DE/DE]; Forchenweg 10, D-72076 Tübingen (DE). **WEISS, Stefan** [DE/DE]; Jahnstrasse 15, D-72070 Tübingen (DE).

(74) **WITTE, Alexander** et al. / etc.; Rotebühlstrasse 121, D-70178 Stuttgart (DE).

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

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- (11) **WO 98/52310** (13) A1
(21) PCT/NL98/00267
(22) **12 May/mai 1998 (12.05.1998)**
(25) en (26) en
(31) 1006042 (32) **13 May/mai 1997 (13.05.1997)** (33) NL
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H04H 9/00**
(54) ● METHOD AND SYSTEM FOR DETECTING AUDIENCE RESPONSE AUDIO VISUAL STIMULI
● PROCEDE ET SYSTEME POUR DETECTER LA REACTION D'UN PUBLIC A DES STIMULI AUDIOVISUELS
(71) **VERIFY INTERNATIONAL N.V.**, [NL/NL]; John B. Gorsitaweg 14, Willemstad, Curaçao (AN).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **CLAESSENS, Dominique, Paul, Gerard** [CH/NL]; John B. Gorsitaweg 14, Willemstad, Curaçao (AN).
(74) **DE BRUIJN, Leendert, C.**; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/52311** (13) A1
(21) PCT/US97/08267
(22) **16 May/mai 1997 (16.05.1997)**
(25) en (26) en
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H04H 9/00**
(54) ● AUTOMOBILE RADIO RECORDING SYSTEM
● SYSTEME D'ENREGISTREMENT POUR AUTORADIO
(71, 72) **GANTT, Zaidy, L.** [US/US]; 2060 Northwest 48th Terrace, Fort Lauderdale, FL 33313 (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).
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- (11) **WO 98/52312** (13) A2
(21) PCT/US98/09489
(22) **8 May/mai 1998 (08.05.1998)**
(25) en (26) en
(31) 08/855,881 (32) **12 May/mai 1997 (12.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H04J 14/02**
(54) ● AN ADD AND DROP NODE FOR OPTICAL COMMUNICATION SYSTEMS
(31) 60/062,679 (32) **22 Oct/oct 1997 (22.10.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H04J 3/00**
(54) ● METHOD AND APPARATUS FOR SUPER-FRAME BIT ALLOCATION
● PROCEDE ET DISPOSITIF POUR ATTRIBUTION DES BITS DANS UNE SUPERTRAME
(71) **AMATI COMMUNICATIONS CORPORATION** [US/US]; 243 Samaritan Drive, San Jose, CA 95124 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **CHOW, Jacky, S.** [-/US]; 880 Babb's Creek Road, Gilroy, CA 95020 (US). **BINGHAM, John, A., C.** [US/US]; 2353 Webster Street, Palo Alto, CA 94301 (US).
(74) **DOUGLASS, Thomas, C.**; Beyer & Weaver, LLP, P.O. Box 61059, Palo Alto, CA 94304 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB 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 98/52313** (13) A1
(21) PCT/JP98/02066
(22) **11 May/mai 1998 (11.05.1998)**
(25) ja (26) ja
(31) 9/122223 (32) **13 May/mai 1997 (13.05.1997)** (33) JP
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H04J 11/00**
(54) ● RECEIVER AND RECEIVING CIRCUIT
● RECEPTEUR ET CIRCUIT DE RECEPTION
(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) **TAKEUCHI, Isao** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
(74) **SUGIURA, Masatomo**; Room 420, 25 Sankyo Building, 48-10, Higashi Ikebukuro 1-chome, Toshima-ku, Tokyo 170-0013 (JP).
(81) KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/52314** (13) A2
(21) PCT/SE98/00905
(22) **15 May/mai 1998 (15.05.1998)**
(25) en (26) en
(31) 9701834-5 (32) **15 May/mai 1997 (15.05.1997)** (33) SE
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H04L 14/02**
(54) ● INITIAL SECRET KEY ESTABLISHMENT INCLUDING FACILITIES FOR VERIFICATION OF IDENTITY
(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **BATCHELLOR, Robert** [GB/GB]; 8 Mill Road Avenue, Angmering, Littlehampton, West Sussex BN16 4HS (GB). **BONNEDAL, Dag** [SE/SE]; Savolaksvägen 20, S-122 37 Enskede (SE).
(74) **LINDÉN, Stefan** et al. / etc.; Bergenstråhle & Lindvall AB, P.O. Box 17704, S-118 93 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 98/52315** (13) A1
(21) PCT/JP98/02141
(22) **15 May/mai 1998 (15.05.1998)**
(25) ja (26) ja
(31) 9/127608 (32) **16 May/mai 1997 (16.05.1997)** (33) JP
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H04L 7/08, H04J 3/06**
(54) ● METHOD OF TRANSMITTING VARIABLE-LENGTH FRAME, TRANSMITTER, AND RECEIVER
● PROCEDE DE TRANSMISSION DE TRAME A LONGUEUR VARIABLE, EMETTEUR ET RECEPTEUR
(71) **NTT MOBILE COMMUNICATIONS NETWORK INC.** [JP/JP]; 10-1, Toranomon 2-chome, Minato-ku, Tokyo 105-8436 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **NAKA, Nobuhiko** [JP/JP]; B-202, 1-36-20, Ohoka, Minami-ku, Yokohama-shi, Kanagawa 232-0061 (JP). **KAWAHARA, Toshiro** [JP/JP]; 2-506, 2-1-3, Hayashi, Yokosuka-shi, Kanagawa 238-0315 (JP).
(74) **KAWASAKI, Kenji** et al. / etc.; Asahi Patent Office, Yaesumasuya Building, 5th floor, 2-16, 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).
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- (11) **WO 98/52316** (13) A1
(21) PCT/CA98/00431
(22) **7 May/mai 1998 (07.05.1998)**
(25) en (26) en
(31) 60/046,047 (32) **9 May/mai 1997 (09.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H04L 9/00**
(54) ● INITIAL SECRET KEY ESTABLISHMENT INCLUDING FACILITIES FOR VERIFICATION OF IDENTITY

- ETABLISSEMENT D'UN CODE SECRET INITIAL COMPRENANT DES DISPOSITIFS DE VERIFICATION D'IDENTITE

(71) **CONNOTECH EXPERTS-CONSEIL INC.** [CA/CA]; 9130, place de Montgolfier, Montreal, Quebec H2M 2A1 (CA).
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(72, 75) **MOREAU, Thierry** [CA/CA]; 9130, place de Montgolfier, Montreal, Quebec H2M 2A1 (CA).

(74) **ANGLEHART, James et al.** / etc.; Swabey Ogilvy Renault, Suite 1600, 1981 McGill College Avenue, Montreal, Quebec H3A 2Y3 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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) **12 May/mai 1998 (12.05.1998)**

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(31) 08/857,642 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04L 9/00**

- (54) ● IDENTIFICATION AND SECURITY USING BIOMETRIC MEASUREMENTS
- IDENTIFICATION ET SECURITE FAISANT APPEL A DES MESURES BIOMETRIQUES

(71) **VERIDICOM, INC.** [US/US]; 2338 Walsh Avenue, Santa Clara, CA 95051 (US).

(72) **PEARSON, Peter, K.**; 5624 Victoria Lane, Livermore, CA 94550 (US). **ROWLEY, Thomas, E.**; 6366 El Paseo Drive, San Jose, CA 95120 (US). **UPTON, Jimmy, R.**; 2575 Katrina Way, Mountain View, CA 94040 (US).

(74) **HAYNES, Mark, A.**; Wilson, Sonsini, Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304-1050 (US).

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

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(11) **WO 98/52318** (13) A1

(21) PCT/US98/10061

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(25) en (26) en

(31) 60/046,380 (32) **13 May/mai 1997 (13.05.1997)** (33) US

(31) PCT/US98/04948 (32) **13 Mar/mar 1998 (13.03.1998)** (33) WO

(34) US et al. / etc.

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04L 9/00**

- (54) ● SYSTEM AND METHOD OF DATA TRANSMISSION IN THE AM FREQUENCY SPEC-TRUM

- SYSTEME ET PROCEDE DE TRANSMISSION DE DONNEES DANS LA BANDE DE FREQUENCE AM

(61) AT Not furnished / non communiqué (POA)

AU Not furnished / non communiqué (POA)

DE Not furnished / non communiqué (POA)

ES Not furnished / non communiqué (POA)

MW Not furnished / non communiqué (POA)

NZ Not furnished / non communiqué (POA)

(63) US 60/040,715 (CIP)
14 Mar/mar 1997 (14.03.1997)

(71) **MOBILE BROADCASTING CORPORATION** [US/US]; Building 400, 435 Devon Park Avenue, Wayne, PA 19087 (US).
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(72, 75) **SMITH, Doug** [US/US]; R.R. 5, Box 121M, Staunton, VA 24401 (US). **DYSON, Timothy, F.** [US/US]; 12 Saw Mill Court, Holland, PA 18966 (US). **DIPIANO, Michael, A.** [US/US]; Mobile Broadcasting Corporation, Building 400, 435 Devon Park Avenue, Wayne, PA 19087 (US).

(74) **WOODBRIIDGE, Richard, C.**; Woodbridge & Associates, P.C., P.O. Box 592, Princeton, NJ 08542-0592 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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/US98/09593

(22) **12 May/mai 1998 (12.05.1998)**

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(31) 08/854,464 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04L 9/30**

- (54) ● IMPROVED METHOD AND APPARATUS FOR PROTECTING PUBLIC KEY SCHEMES FROM TIMING AND FAULT ATTACKS

- PROCEDE ET DISPOSITIF AMELIORES PERMETTANT DE PROTEGER LES LOGIQUES DE CLES PUBLIQUES CONTRE LES ATTAQUES BASEES SUR LA SEQUENCE DES OPERATIONS ET LES FAUTES

(71) **YEDA RESEARCH AND DEVELOPMENT CO. LTD.** [—/IL]; Weizmann Institute of Science, P.O. Box 95, 76100 Rehovot (IL).

(71) **FLEIT, Lois** [US/US]; 520 Brickell Key Drive #A201, Miami, FL 33131 (US).
(only for / seulement pour UG)

(72) **SHAMIR, Adi**; 43C Gordon Street, Rehovot (IL).

(74) **FLEIT, Martin**; Lott & Friedland, Suite 555, 255 Alhambra Circle, Coral Gables, FL 33134 (US).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE FI GE GH GM GW HU ID IL IS JP KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA 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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(31) 08/855,902 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(31) 08/855,965 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(31) 08/855,977 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(31) 08/856,051 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04L 12/00**

- (54) ● SYSTEM AND METHOD FOR MANAGING THE CONNECTION BETWEEN A SERVER AND A CLIENT NODE

- SYSTEME ET PROCEDE DE GESTION DE LA CONNEXION ENTRE UN NOEUD DE SERVEUR ET UN NOEUD DE CLIENT

(71) **CITRIX SYSTEMS, INC.** [US/US]; 6400 N.W. 6th Way, Fort Lauderdale, FL 33309 (US).

(72) **PEDERSEN, BRADLEY, J.**; 7700 S. Woodbridge Drive, Parkland, FL 33067 (US). **BLOOMFIELD, Marc, A.**; 2749 S.E. 11th Street, Pompano Beach, FL 33062 (US).

(74) **LANZA, John, D.**; Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/52321** (13) A1

(21) PCT/US98/09697

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

(25) en (26) en

(31) 60/046,240 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04L 12/14, 12/26, G06F 15/177**

- (54) ● IMPROVED TELECOMMUNICATIONS SYSTEMS AND METHODS

- SYSTEME ET PROCEDE AMELIORES DE TELECOMMUNICATION

- (71) **EVOLVING SYSTEMS, INC.** [US/US]; 977 Mt. Pyramid Court, Englewood, CO 80112 (US).
- (72) **MACMILLAN, James, M.;** 12806 Forest Canyon Drive, Parker, CO 80138 (US).
- (74) **GIBBY, Darin, 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/52322** (13) A1
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- (22) **8 May/mai 1998 (08.05.1998)**
- (25) en (26) en
- (31) 08/855,222 (32) **13 May/mai 1997 (13.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **H04L 12/24, 12/26**
- (54) ● APPARATUS AND METHOD FOR NETWORK CAPACITY EVALUATION AND PLANNING
● APPAREIL ET DISPOSITIF POUR L'EVALUATION ET LA PLANIFICATION DE LA CAPACITE D'UN RESEAU
- (71) **CABLETRON SYSTEMS, INC.** [US/US]; 35 Industrial Way, Rochester, NH 03867 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DATTA, Útpal** [IN/US]; 52 Pinecrest Drive, Bedford, NH 03110 (US). **LEWIS, Lundy** [US/US]; 480 Greenville Road, Mason, NH 03048 (US).
- (74) **HENDRICKS, Therese, A.;** 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).

- (11) **WO 98/52323** (13) A1
- (21) PCT/JP98/02101
- (22) **13 May/mai 1998 (13.05.1998)**
- (25) ja (26) ja
- (31) 9/121364 (32) **13 May/mai 1997 (13.05.1997)** (33) JP
- (31) 10/59413 (32) **11 Mar/mar 1998 (11.03.1998)** (33) JP
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **H04L 12/28**
- (54) ● PACKET TRANSMITTER
● EMETTEUR DE PAQUETS DE DONNEES

- (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) **HIGASHIDA, Masaaki** [JP/JP]; 2-12-3-203, Kinda-cho, Moriguchi-shi, Osaka 570-0011 (JP). **MORIOKA, Yoshihiro** [JP/JP]; 3-476-51, Ninji, Kashiba-shi, Nara 639-0261 (JP). **NISHINO, Shonichi** [JP/JP]; 1-4-26, Kamiichi, Kashinara-shi, Osaka 582-0007 (JP). **OOYAMA, Satoshi** [JP/JP]; 7-1-323, Takahama-cho, Ashiya-shi, Hyogo 659-0033 (JP). **KOBAYASHI, Masaaki** [JP/JP]; 2-81-1, Yuyamadai, Kawanishi-shi, Hyogo 666-0137 (JP).
- (74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).
- (81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/52324** (13) A1
- (21) PCT/SE98/00757
- (22) **24 Apr/avr 1998 (24.04.1998)**
- (25) en (26) en
- (31) 9701753-7 (32) **12 May/mai 1997 (12.05.1997)** (33) SE
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **H04L 12/43 // 12/52**
- (54) ● RESOURCE REALLOCATION IN A COMMUNICATIONS NETWORK
● REATTRIBUTION DE RESSOURCES DANS UN RESEAU DE TELECOMMUNICATIONS
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).
- (72) **CSABA, Antal;** Rakoczi út 19, H-2340 Kiskunlachaza (HU). **GYORFI, Laszlo;** Petöfi u. 40, H-2040 Budaörs (HU). **MOLNAR, Sandor;** Csömöri u. 79, H-1161 Budapest (HU). **GABOR, Szabo;** Szepvölgyi út 27-29, H-1037 Budapest (HU).
- (74) **ERICSSON TELECOM AB;** IPR Management & Patent Dept., S-126 25 Stockholm (SE).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/52325** (13) A2
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- (22) **12 May/mai 1998 (12.05.1998)**
- (25) fi (26) en
- (31) 972041 (32) **13 May/mai 1997 (13.05.1997)** (33) FI
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **H04L 12/56, H04Q 7/22**
- (54) ● A METHOD FOR PACKET SWITCHED DATA TRANSMISSION
● PROCEDE DE TRANSMISSION DE DONNEES COMMUTEES PAR PAQUETS

- (71) **NOKIA TELECOMMUNICATIONS OY** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HIPPELÄINEN, Leo** [FI/FI]; Sysimiehenpolku 8 E, FIN-00670 Helsinki (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 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 98/52326** (13) A2
- (21) PCT/FI98/00400
- (22) **12 May/mai 1998 (12.05.1998)**
- (25) fi (26) en
- (31) 972040 (32) **13 May/mai 1997 (13.05.1997)** (33) FI
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **H04L 12/56, H04Q 7/22**
- (54) ● A METHOD FOR PACKET SWITCHED DATA TRANSMISSION
● PROCEDE DE TRANSMISSION DE DONNEES COMMUTEES PAR PAQUETS

- (71) **NOKIA TELECOMMUNICATIONS OY** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HIPPELÄINEN, Leo** [FI/FI]; Sysimiehenpolku 8 E, FIN-00670 Helsinki (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 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 98/52327** (13) A2
- (21) PCT/FI98/00401
- (22) **12 May/mai 1998 (12.05.1998)**
- (25) fi (26) en
- (31) 972039 (32) **13 May/mai 1997 (13.05.1997)** (33) FI
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **H04L 12/56, H04Q 7/22**

- (54) ● A METHOD FOR PACKET SWITCHED DATA TRANSMISSION
● PROCEDE DE TRANSMISSION DE DONNEES COMMUTEES PAR PAQUETS

(71) **NOKIA TELECOMMUNICATIONS OY** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
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(72, 75) **HIPPELÄINEN, Leo** [FI/FI]; Sysimiehenpolku 8 E, FIN-00670 Helsinki (FI).

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

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

(11) **WO 98/52328** (13) A2

(21) PCT/SE98/00896

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

(25) en (26) en

(31) 9701841-0 (32) **16 May/mai 1997 (16.05.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04L 12/56**

- (54) ● METHOD AND APPARATUS IN A PACKET SWITCHED NETWORK
● PROCEDE ET APPAREIL DANS UN RESEAU A COMMUTATION PAR PAQUETS

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).
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(72, 75) **BUHRGARD, Magnus** [SE/SE]; Stenhammarsvägen 15, S-168 58 Bromma (SE). **KAMINSKI, Krzysztof** [SE/SE]; Norrskensbacken 15, S-146 46 Tullinge (SE). **LARSSON, Bernt** [SE/SE]; Abborrvägen 36, S-181 30 Lidingö (SE). **WICKLUND, Göran** [SE/SE]; Diligensvägen 82, S-131 48 Nacka (SE).

(74) **HERBJØRNSEN, Rut** et al. / etc.; Albihns 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).

(11) **WO 98/52329** (13) A1

(21) PCT/FR98/00951

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

(25) fr (26) fr

(31) 97/05978 (32) **15 May/mai 1997 (15.05.1997)** (33) FR

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04L 25/03**

- (54) ● EQUALISING AND DECODING DEVICE FOR A FREQUENCY-SELECTIVE DIGITAL TRANSMISSION CHANNEL

- DISPOSITIF D'EGALISATION ET DE DECODAGE POUR UN CANAL DE TRANSMISSION NUMERIQUE SELECTIF EN FREQUENCE

(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) **GLAVIEUX, Alain** [FR/FR]; 2, allée de l'Argoat, F-29280 Plouzane (FR). **LABAT, Joël** [FR/FR]; Lotissement le Coteau, F-29470 Plougastel Daoulas (FR). **LAOT, Christophe** [FR/FR]; 24, rue Kerouanen, F-29217 Plougonvelin (FR).

(74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 26, avenue Kléber, F-75116 Paris (FR).

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

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(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04L 25/03, 25/497**

- (54) ● APPARATUS AND METHOD FOR NOISE-PREDICTIVE MAXIMUM LIKELIHOOD DETECTION

- APPAREIL ET PROCEDE DETECTION DE VRAISEMBLANCE MAXIMALE A PREDICTION DE BRUIT

(71) **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; Old Orchard Road, Armonk, NY 10504 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COKER, Jonathan, Darrel** [US/US]; 1605 75th Street Northeast, Rochester, MN 55901 (US). **ELEFTHERIOU, Evangelos, Stavros** [GR/CH]; Bellariastrasse 53, CH-8038 Zurich (CH). **GALBRAITH, Richard, Leo** [US/US]; 2232 N.W. 52 Street, Rochester, MN 55901 (US). **HIRT, Walter** [CH/CH]; Hinderweidstrasse 29, CH-8907 Wettswil (CH).

(74) **HEUSCH, Christian**; International Business Machines Corporation, Saeumerstrasse 4, CH-8803 Rueschlikon (CH).

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

(11) **WO 98/52331** (13) A1

(21) PCT/JP98/02134

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

(25) ja (26) ja

(31) 60/046,461 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(31) 9/127654 (32) **16 May/mai 1997 (16.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04L 29/00, 25/02, G06F 13/38, H04L 12/28, H04Q 9/00**

- (54) ● DATA TRANSMISSION METHOD AND GAME SYSTEM CONSTRUCTED BY USING THE METHOD

- PROCEDE DE TRANSMISSION DE DONNEES, ET SYSTEME DE JEU CONSTRUIT SELON LEDIT PROCEDE

(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) **NIIZUMA, Naoki** [JP/JP]; Sega Enterprises, Ltd., 2-12, Haneda 1-chome, Ohta-ku, Tokyo 144-0043 (JP). **HIMOTO, Atunori** [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) AL AM AT AU AZ 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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(31) 97107659.1 (32) **9 May/mai 1997 (09.05.1997)** (33) EP

(34) DE et al. / etc.

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04L 29/06, H04M 3/42**

- (54) ● METHOD FOR COMMUNICATION CONTROL IN A NETWORK
● PROCEDE POUR COMMANDER LA TRANSMISSION DANS UN RESEAU

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHMIDT, Christian** [DE/DE]; Friedrich-Sohnle-Strasse 10, D-86163 Augsburg (DE). **KURZAWA, Hendrik** [DE/DE]; Schaidlersstrasse 21, D-81379 München (DE). **KROB, Silvia** [DE/DE]; Mariahilfstrasse 5a, D-81541 München (DE). **LANG, Thomas** [DE/DE]; Savignystrasse 9, D-84034 Landshut (DE). **UNGRUH, Joachim** [DE/DE]; Klugstrasse 37, D-80638 München (DE). **LINDENTHAL, Andreas** [DE/DE]; Erdmannsdorfer Strasse 9, D-81247 München (DE).

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

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(31) 08/857,781 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04L 29/06, G06F 13/12, H04L 12/46**

- (54) ● NETWORK ENABLED SCSI INTERFACE
● INTERFACE SCSI POUR RESEAU

(71) **ICON CMT CORPORATION** [US/US]; 1200 Harbor Boulevard, Weehawken, NJ 07087 (US).

(72) **ZARROW, Robert**; 3 Jennifer Lane, Box 4476, Warren, NJ 07059 (US).

(74) **GERSTEIN, Robert, M.**; Marshall, O'Toole, Gerstein, Murray & Borun, 6300 Sears Tower, 233 S. Wacker Drive, Chicago, IL 60606-6402 (US).

(81) 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 98/52334** (13) A1

(21) PCT/IB98/00666

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

(25) en (26) en

(31) 08/854,266 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04M 1/00, 3/42**

(54) ● SYSTEM AND METHOD FOR PRODUCT AND SERVICE CONFIGURATION

● SYSTEME ET PROCEDE POUR LA CONFIGURATION DE PRODUITS ET DE SERVICES

(71) **NORTHERN TELECOM LIMITED** [CA/CA]; Station A, P.O. Box 6123, Montreal, Quebec H3C 3J5 (CA).

(72) **PINDER, Ronald, S.**; 40 Marlowe Circle, Ottawa, Ontario K1S 1H6 (CA). **STOLTE, Patricia, A.**; 671 Brierwood Avenue, Ottawa, Ontario K2A 2J3 (CA).

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

(11) **WO 98/52335** (13) A1

(21) PCT/US98/10151

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

(25) en (26) en

(31) 08/857,945 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04M 1/17**

(54) ● LINING FOR TELEPHONE HANDSET CRADLE

● GARNITURE POUR BERCEAU DE COMBINE TELEPHONIQUE

(71, 72) **FRIEDMAN, Neil, A.** [US/US]; 95 Coleytown Road, Westport, CT 06880 (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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 19 704.3 (32) **9 May/mai 1997 (09.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04M 3/00**

(54) ● METHOD AND DEVICE FOR MANAGING PERFORMANCE CHARACTERISTICS FOR TELEPHONE SUBSCRIBERS

● PROCEDE ET DISPOSITIF POUR LA GESTION DE CARACTERISTIQUES DE QUALITE DE TRANSMISSION POUR DES ABONNES AU TELEPHONE

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(72, 75) **UNGRUH, Joachim** [DE/DE]; Klugstrasse 37, D-80638 München (DE). **KROB, Silvia** [DE/DE]; Mariahilfstrasse 5A, D-81541 München (DE). **KURZAWA, Hendrik** [DE/DE]; Schaidlerstrasse 21, D-81379 München (DE). **SCHMIDT, Christian** [DE/DE]; Friedrich-Sohnle-Strasse 10, D-86163 Augsburg (DE). **LANG, Thomas** [DE/DE]; Savignystrasse 9, D-84034 Landshut (DE). **LINDENTHAL, Andreas** [DE/DE]; Erdmannsdorfer Strasse 9, D-81247 München (DE).

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

(11) **WO 98/52337** (13) A1

(21) PCT/SE98/00804

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/853,433 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04M 3/20, H04Q 7/34**

(54) ● METHOD AND APPARATUS FOR MONITORING OF TELEPHONE CALLS

● PROCEDE ET APPAREIL DE SURVEILLANCE D'APPELS TELEPHONIQUES

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).

(72) **BERTACCHI, Luciano**; 13257 Aragon, Pierrefonds, Quebec H9A 1E1 (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 LT LU LV MD MG MK MN MW MX 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 98/52338** (13) A1

(21) PCT/EP98/02689

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

(25) de (26) de

(31) 97107807.6 (32) **13 May/mai 1997 (13.05.1997)** (33) EP

(34) DE et al. / etc.

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04M 3/36**

(54) ● LOAD ADJUSTMENT IN A COMMUNICATION DEVICE

● REGULATION DE CHARGE DANS UN DISPOSITIF DE COMMUNICATION

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).

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(72, 75) **GASTHAUS, Elisabeth** [DE/DE]; Herterichstrasse 161a, D-81476 München (DE). **HANSELKA, Peter** [DE/DE]; Linprunstrasse 35, D-80335 München (DE).

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

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(31) 97107660.9 (32) **9 May/mai 1997 (09.05.1997)** (33) EP

(34) DE et al. / etc.

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04M 3/42**

(54) ● METHOD FOR COMMUNICATION CONTROL IN A NETWORK

● PROCEDE POUR LA COMMANDE DE SESSION DANS UN RESEAU

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).

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(72, 75) **KROB, Silvia** [DE/DE]; Mariahilfstrasse 5 A, D-81541 München (DE). **KURZAWA, Hendrik** [DE/DE]; Schaidlerstrasse 21, D-81379 München (DE). **LANG, Thomas** [DE/DE]; Savignystrasse 9, D-84034 Landshut (DE). **LINDENTHAL, Andreas** [DE/DE]; Erdmannsdorfer Strasse 9, D-81247 München (DE). **SCHMIDT, Christian** [DE/DE]; Friedrich-Sohnle-Strasse 10, D-86163 Augsburg (DE). **UNGRUH, Joachim** [DE/DE]; Klugstrasse 37, D-80638 München (DE).

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

(11) **WO 98/52340** (13) A1

(21) PCT/SE98/00856

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

(25) en (26) en

(31) 9701810-5 (32) **14 May/mai 1997 (14.05.1997)** (33) SE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04M 3/46, 15/00**

(54) ● METHOD AND DEVICE FOR INTERACTION

● PROCEDE ET DISPOSITIF D'INTERACTION

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).

- (72) **LJUNQVIST, Per**; Ulvsbybacken, Solhem, S-655 93 Karlstad (SE). **DAHLÉN, Johan**; Folkungavägen 18, S-663 32 Skoghall (SE).
- (74) **GRAUDUMS, Valdis** et al. / etc.; Albihs Patentbyrå Göteborg AB, P.O. Box 142, S-401 22 Göteborg (SE).
- (81) AU BR CA CN JP KR MX 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 98/52341** (13) A1
- (21) PCT/US98/09455
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- (25) en (26) en
- (31) 08/854,435 (32) **12 May/mai 1997 (12.05.1997)** (33) US
- (31) 08/854,819 (32) **12 May/mai 1997 (12.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **H04M 3/50, 3/36**
- (54) ● METHOD AND SYSTEM FOR MONITORING CALL CENTER SERVICE REPRESENTATIVES
● PROCEDE ET SYSTEME POUR SURVEILLER LES REPRESENTANTS DU SERVICE D'UNE CENTRALE TELEPHONIQUE
- (71) **TEKNEKRON INFOSWITCH CORPORATION** [US/US]; 4425 Cambridge Road, Fort Worth, TX 76155-9981 (US).
- (72) **PATTISON, Jon, A.**; 2101 Simmons Road, Flower Mound, TX 75028 (US). **VIZARD, Paul, A.**; 7904 Constitution Drive, Plano, TX 75025 (US). **MALONEY, Michael, J.**; 3521 Harpers Place, Plano, TX 75075 (US). **McCALMONT, David, T.**; 723 Portswood Drive, San Jose, CA 95120 (US).
- (74) **SHOWALTER, Barton, E.**; 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 98/52342** (13) A1
- (21) PCT/SE98/00847
- (22) **8 May/mai 1998 (08.05.1998)**
- (25) en (26) en
- (31) 08/856,077 (32) **14 May/mai 1997 (14.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **H04M 3/54**
- (54) ● METHOD AND APPARATUS FOR SELECTIVE CALL FORWARDING
● PROCEDE ET DISPOSITIF DE RENVOI D'APPEL SELECTIF
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).
- (72) **HALLENSTÅL, Magnus**; Täbyvägen 220, S-187 50 Täby (SE).

- (74) **ERICSSON TELECOM AB**; IPR Management & Patent Dept., S-126 25 Stockholm (SE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/52343** (13) A1
- (21) PCT/US98/09510
- (22) **12 May/mai 1998 (12.05.1998)**
- (25) en (26) en
- (31) 08/856,309 (32) **14 May/mai 1997 (14.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **H04M 11/04, 3/30**
- (54) ● SWITCH-BASED LINE CONTINUITY VERIFICATION METHOD AND SYSTEM
● PROCEDE ET SYSTEME POUR VERIFIER PAR COMMUTATION LA CONTINUITÉ D'UNE LIGNE
- (71) **BELLSOUTH CORPORATION** [US/US]; 1155 Peachtree Street, N.E., Atlanta, GA 30309 (US).
- (72) **SCHULL, Jerome, W.**; 4949 Highpoint Way, Marietta, GA 30066 (US).
- (74) **MITCHEM, M., Todd** et al. / etc.; Jones & Askew, LLP, 37th floor, 191 Peachtree Street, N.E., Atlanta, GA 30303 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/52344** (13) A1
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- (31) 08/855,529 (32) **13 May/mai 1997 (13.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **H04M 15/28, 15/22**
- (54) ● COMMUNICATION METHOD, SYSTEM, AND DEVICE FOR REDUCING PROCESSOR LOAD AT TARIFF SWITCH
● PROCEDE DE COMMUNICATION, SYSTEME ET DISPOSITIF PERMETTANT DE REDUIRE LE CHARGEMENT DE PROCESSEUR AU NIVEAU DU COMMUTEUR DE TARIFICATION
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).
- (72) **STELJER, Jörgen**; Örngatan 14, S-582 37 Linköping (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 98/52345** (13) A1
- (21) PCT/CH98/00114
- (22) **23 Mar/mar 1998 (23.03.1998)**
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- (31) 1132/97 (32) **14 May/mai 1997 (14.05.1997)** (33) CH
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **H04N 1/06**
- (54) ● METHOD FOR TRANSFERRING DATA AND USE THEREOF
● SYSTEME DE TRANSMISSION DE DONNEES ET SON UTILISATION
- (71) **LUESCHER, Ursula** [CH/CH]; Birkenweg 375, CH-5616 Meisterschwanden (CH). **LUESCHER, Hans** [CH/CH]; Brunnmattstrasse 10, CH-5600 Lenzburg (CH).
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- (72, 75) **BERNER, Peter** [CH/CH]; Kätherlistrasse 14, CH-5102 Rapperswil (CH).
- (74) **R.A. EGLI & CO.**; Horneggstrasse 4, Postfach, CH-8034 Zürich (CH).
- (81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/52346** (13) A1
- (21) PCT/SE98/00839
- (22) **7 May/mai 1998 (07.05.1998)**
- (25) en (26) en
- (31) 9701768-5 (32) **13 May/mai 1997 (13.05.1997)** (33) SE
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **H04N 1/415, 1/41, 7/26, G06T 9/40**
- (54) ● LOSSLESS IMAGE COMPRESSION WITH TREE CODING
● PROCEDE DE COMPRESSION D'IMAGES ET DISPOSITIF CORRESPONDANT
- (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) **THORELL, Per** [SE/SE]; Räsundavägen 105, S-171 37 Solna (SE). **EINARSSON, Torbjörn** [SE/SE]; Fridhemsgatan 29A, S-112 40 Stockholm (SE). **PASSAGGIO, Filippo** [IT/IT]; Piazza Rossetti, 5/6, I-16129 Genova (IT).
- (74) **SANDSTRÖM, Staffan** et al. / etc.; Bergenstråhle & Lindvall AB, P.O. Box 17704, S-118 93 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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 (31) 08/856,371 (32) **14 May/mai 1997 (14.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **H04N 1/60**
 (54) ● ARRANGEMENT FOR EFFICIENT CHARACTERIZATION OF PRINTING DEVICES AND METHOD THEREFOR
 ● DISPOSITIONS POUR UNE DEFINITION EFFICACE DE DISPOSITIFS D'IMPRESSION ET PROCEDE ASSOCIE
 (71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **ROZZI, William, A.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(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 98/52348** (13) A1
 (21) PCT/FR98/00942
 (22) **12 May/mai 1998 (12.05.1998)**
 (25) fr (26) fr
 (31) 97/05766 (32) **12 May/mai 1997 (12.05.1997)** (33) FR

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04N 3/15, G01C 11/02**

(54) ● METHOD FOR ACQUIRING AN IMAGE BY OVERSAMPLED PUSH-BROOM SCANNING
 ● PROCEDE POUR L'ACQUISITION D'UNE IMAGE PAR BALAYAGE POUSSE-BALAI SURECHANTILLONNE

(71) **CENTRE NATIONAL D'ETUDES SPATIALES** [FR/FR]; 2, place Maurice Quentin, F-75001 Paris (FR).
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(72, 75) **DUCHON, Paul** [FR/FR]; 16, rue du Mont Frouzi, F-31810 Venerque (FR). **DE LEFFE, Alain** [FR/FR]; 2, rue du Coq d'Inde, F-31000 Toulouse (FR). **PIRCHER, Marc** [FR/FR]; En Combes, F-31450 Odars (FR).

(74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 26, avenue Kléber, F-75116 Paris (FR).

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

(11) **WO 98/52349** (13) A1
 (21) PCT/US98/10083
 (22) **15 May/mai 1998 (15.05.1998)**
 (25) en (26) en
 (31) 08/856,920 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04N 5/20, 7/12, G06K 9/00, 9/54, 9/62, H05G 1/64**

(54) ● BANDWIDTH REDUCTION OF MULTI-CHANNEL IMAGES FOR MACHINE VISION
 ● REDUCTION DE LA LARGEUR DE BANDE D'IMAGES MULTICANAL POUR VISION ARTIFICIELLE

(71) **COGNEX CORPORATION** [US/US]; One Vision Drive, Natick, MA 01760 (US).

(72) **MICHAEL, David, J.**; 901 Windsor Drive, Framingham, MA 01701 (US). **ROMANIK, Philip, B.**; 116 Parker Avenue East, West Haven, CT 06516 (US).

(74) **POWSNER, David, J.**; Choate, Hall & Stewart, Exchange Place, 53 State Street, Boston, MA 02109 (US).

(81) CA 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 98/52350** (13) A1
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 (31) 08/857,311 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04N 5/225, 1/40, H01R 39/00, 11/30**

(54) ● COUPLER FOR TRANSMITTING SIGNALS ACROSS A ROTATING INTERFACE
 ● COUPLEUR PERMETTANT DE TRANSMETTRE DES SIGNAUX VIA UNE INTERFACE ROTATIVE

(71) **LECTROLARM CUSTOM SYSTEMS, INC.** [US/US]; 3120 Summer Avenue, Memphis, TN 38112 (US).

(72) **SMITH, William, V.**; 1617 Duke Road, Memphis, TN 38108-2619 (US). **ALPERIN, Alfred, M.**; 1504 Vinton Avenue, Memphis, TN 38104-4922 (US).

(74) **LONDA, Bruce** et al. / etc.; Londa and Traub LLP, 37th floor, 20 Exchange Place, New York, NY 10005 (US).

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

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(25) ja (26) ja

(31) 9/126564 (32) **16 May/mai 1997 (16.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04N 5/232**

(54) ● AUTOMATIC FOCUSING DEVICE
 ● DISPOSITIF AUTOFOCUS

(71) **SANYO ELECTRIC CO., LTD.** [JP/JP]; 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP).
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(72, 75) **OKAJIMA, Tadashi** [JP/JP]; 3-11-40, Ogata, Kashiwara-shi, Osaka 582-0018 (JP). **TSUJINO, Kazuhiro** [JP/JP]; 2-227-11, Tatsube, Matsu-barashi, Osaka 580-0012 (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) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/52352** (13) A1

(21) PCT/JP98/02117

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

(25) ja (26) ja

(31) 9/122448 (32) **13 May/mai 1997 (13.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04N 5/243, 9/09**

(54) ● APPARATUS AND METHOD FOR CORRECTING IMAGE PICKUP SIGNAL, AND VIDEO CAMERA
 ● APPAREIL ET PROCEDE DE CORRECTION D'UN SIGNAL DE PRISE DE VUES, ET CAMERA VIDEO

(71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
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(72, 75) **YAMAGA, Satoshi** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **SATO, Seiji** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **ITO, Keiichi** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) **KOIKE, Akira** et al. / etc.; 11 Mori Building, 6-4, Toranomon 2-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) JP US.

(11) **WO 98/52353** (13) A1

(21) PCT/JP98/02023

(22) **6 May/mai 1998 (06.05.1998)**

(25) ja (26) ja

(31) 9/135933 (32) **9 May/mai 1997 (09.05.1997)** (33) JP

(31) 9/185802 (32) **25 Jun/juin 1997 (25.06.1997)** (33) JP

(31) 9/219239 (32) **29 Jul/juillet 1997** (33) JP
(29.07.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04N 5/76, 5/262, G03B 17/53**

(54) ● PHOTO-BOOTH AND PHOTOGRAPHIC METHOD

● CABINE PHOTOGRAPHIQUE ET PROCÉDE DE PHOTOGRAPHIE

(71) **SNK CORPORATION** [JP/JP]; 1-6, Enoki-cho, Suita-shi, Osaka 564-0053 (JP).

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

(72, 75) **HIRAOKA, Kazukuni** [JP/JP]; 3-1-13, Geiin, Mino-shi, Osaka 562-0026 (JP). **HORIGUTI, Hamao** [JP/JP]; 304, Biotorp-Asahigaoka, 27-1, Asahigaoka 1-chome, Yao-shi, Osaka 581-0833 (JP). **MATSUMOTO, Shigekazu** [JP/JP]; 510, Kondominiamu-Senrityuou, 2-23-7, Senba-nisi, Mino-shi, Osaka 562-0026 (JP). **OCHIALI, Toshi-masa** [JP/JP]; 4-17-4, Mikageishimachi, Nada-ku, Kobe-shi, Hiyougo 658-0045 (JP). **MIHARA, Takahiro** [JP/JP]; A202, Nakanisi Haits, 13-22, Mizuo 1-chome, Ibaragi-shi, Osaka 567-0891 (JP). **MARUO, Hiroshi** [JP/JP]; 3-8-5, Shigigaoka, Sango-cho, Ikoma-gun, Nara 636-0813 (JP).

(74) **SNK CORPORATION**; 1-6, Enoki-cho, Suita-shi, Osaka 564-0053 (JP).

(81) AU BR 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 98/52354** (13) A1

(21) PCT/JP98/02084

(22) **12 May/mai 1998 (12.05.1998)**

(25) ja (26) ja

(31) 9/121976 (32) **13 May/mai 1997** (33) JP
(13.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04N 5/91, 5/92**

(54) ● DIGITAL SIGNAL RECORDING/REPRODUCING APPARATUS

● APPAREIL D'ENREGISTREMENT/REPRODUCTION DE SIGNAUX NUMÉRIQUES

(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) **OCHI, Atsuo** [JP/JP]; 2-3-5, Honmachi, Moriguchi-shi, Osaka 570-0028 (JP). **NAKAGAKI, Hirofumi** [JP/JP]; 9-1-203, Kitashumoto-cho, Kadoma-shi, Osaka 571-0073 (JP). **MORIMOTO, Kenji** [JP/JP]; 19-1-1415, Ishitsuminami-machi, Neyagawa-shi, Osaka 572-0024 (JP). **USUKI, Naoshi** [JP/JP]; 26-12, Hashimotoisoku, Yawata-shi, Kyoto 614-8331 (JP).

(74) **TAKIMOTO, Tomoyuki** et al. / etc.; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

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

(11) **WO 98/52355** (13) A1

(21) PCT/US98/09318

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

(25) en (26) en

(31) 08/855,060 (32) **13 May/mai 1997** (33) US
(13.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04N 7/088, 5/44**

(54) ● PERIPHERAL SOFTWARE DOWNLOAD OF A BROADCAST RECEIVER

● TELECHARGEMENT D'UN LOGICIEL PERIPHERIQUE D'UN RECEPTEUR DE RADIO-DIFFUSION

(71) **SONY ELECTRONICS, INC.** [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).

(72) **SAIB, Joseph**; 3841 Colina Drive #G103, San Diego, CA 92124 (US).

(74) **HOOVER, George, W.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025-1026 (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 ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/52356** (13) A1

(21) PCT/US97/08266

(22) **16 May/mai 1997 (16.05.1997)**

(25) en (26) en

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04N 7/12, 5/14**

(54) ● METHODS AND ARCHITECTURE FOR INDEXING AND EDITING COMPRESSED VIDEO OVER THE WORLD WIDE WEB

● PROCÉDES ET ARCHITECTURE D'INDEXATION ET D'ÉDITION DE SÉQUENCES VIDEO COMPRIMÉES VIA INTERNET

(71) **THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK** [US/US]; 116th Street and Broadway, New York, NY 10027 (US).

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

(72, 75) **CHANG, Shih-Fu** [CN/US]; Columbia University, Dept. of Electrical Engineering, 500 West 120th Street, New York, NY 10027 (US). **MENG, Jianhao** [CN/US]; Columbia University, Dept. of Electrical Engineering, 500 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 98/52357** (13) A1

(21) PCT/US98/08934

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/857,977 (32) **16 May/mai 1997** (33) US
(16.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04N 7/16, 7/088**

(54) ● SYSTEM FOR FILTERING CONTENT FROM VIDEOS

● SYSTEME DE FILTRAGE DU CONTENU DE VIDEOS

(71) **PREVUE INTERNATIONAL, INC.** [US/US]; 7140 South Lewis Avenue, Tulsa, OK 74136 (US).

(72) **FORD, K., Harlan**; 9228 East 58th Place, Tulsa, OK 74145 (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 98/52358** (13) A1

(21) PCT/US98/04991

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 08/855,119 (32) **13 May/mai 1997** (33) US
(13.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04N 7/18, G08B 23/00**

(54) ● TRANSPORTATION SURVEILLANCE SYSTEM

● SYSTEME DE SURVEILLANCE DE LA CIRCULATION

(71, 72) **WONG, Bill** [US/US]; 135 Mimosas Drive, East Hills, NY 11576 (US). **LAU, Eddie** [US/US]; 746 Bonnie Drive, Baldwin Harbor, NY 11510-4521 (US).

(74) **AUFRICHTIG, Peter, D.**; 5th floor, 300 East 42nd Street, New York, NY 10017 (US).

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

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(21) PCT/GB98/01396

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

(25) en (26) en

(31) 9709926.1 (32) **15 May/mai 1997** (33) GB
(15.05.1997)

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04N 9/31, G02F 1/1335**

(54) ● DISPLAY SYSTEM

● SYSTEME D'AFFICHAGE

(71) **SCREEN TECHNOLOGY LIMITED** [GB/GB]; Unit D5, Button End, Harston, Cambridge CB2 5NX (GB).

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

(72, 75) **CROSSLAND, William, Alden** [GB/GB]; 5 School Lane, Harlow, Essex CM20 2QD (GB). **DAVEY, Anthony, Bernard** [GB/GB]; 47 Grange Road, Bishops Stortford, Hertfordshire CM23 5NG (GB). **GEAKE, Vincent, Glenn** [GB/GB]; The Lodge, Middle Street, Thripol, Cambridgeshire SG8 7RD (GB). **SPRINGLE, Ian, David** [GB/GB]; 6 Troutbeck Avenue, Congleton, Cheshire CW12 4JA (GB). **COKER, Timothy, Martin** [GB/GB]; 4 Brewery Court, Oundle, Peterborough PE8 4DZ (GB).

(74) **GIBBS, Christopher, Stephen**; Haseltine Lake & Co., Imperial House, 15-19 Kingsway, London WC2B 6UD (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN 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 98/52360** (13) A2

(21) PCT/DE98/01319

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

(25) de (26) de

(31) 197 20 237.3 (32) **14 May/mai 1997 (14.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04Q 7/00**

(54) ● METHOD AND DEVICE FOR RADIO COMMUNICATION NETWORKS WITH DEFINED RADIO CELL CHARACTERISTICS

● PROCEDE ET DISPOSITIF POUR RESEAUX DE RADIOCOMMUNICATIONS A CARACTERISTIQUES DE CELLULES RADIO DEFINIES

(71) **DETEMOBIL DEUTSCHE TELEKOM MOBILNET GMBH** [DE/DE]; Landgrabenweg 151, D-53227 Bonn (DE).

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

(72, 75) **VON DEM BERGE, Ralf** [DE/DE]; Rekener Strasse 89, D-48653 Coesfeld (DE).

(74) **RIEBLING, Peter**; Postfach 3160, D-88113 Lindau (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ 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 98/52361** (13) A2

(21) PCT/DE98/01320

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

(25) de (26) de

(31) 197 19 955.0 (32) **14 May/mai 1997 (14.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04Q 7/00**

(54) ● METHOD FOR SUBSCRIBER AVAILABILITY IN A RADIO COMMUNICATIONS SYSTEM

● PROCEDE POUR L'ACCESSIBILITE D'ABONNES DANS UN SYSTEME DE RADIOCOMMUNICATIONS

(71) **DETEMOBIL DEUTSCHE TELEKOM MOBILNET GMBH** [DE/DE]; Landgrabenweg 151, D-53227 Bonn (DE).

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

(72, 75) **SÄNGER, Georg** [DE/DE]; Lindenweg 6, D-53545 Linz (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ 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 98/52362** (13) A2

(21) PCT/DE98/01333

(22) **12 May/mai 1998 (12.05.1998)**

(25) de (26) de

(31) 197 19 846.5 (32) **12 May/mai 1997 (12.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04Q 7/00**

(54) ● CHANNEL CODING METHOD

● PROCEDE DE CODAGE DE VOIES

(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) **HINDELANG, Thomas** [DE/DE]; Allgäuer Strasse 5, D-87640 Biessenhofen (DE). **RIEDEL, Sven** [DE/DE]; Helterichstrasse 61, D-81479 München (DE). **XU, Wen** [CN/DE]; Pollnstrasse 1a, D-85221 Dachau (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).

(11) **WO 98/52363** (13) A2

(21) PCT/US98/09605

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

(25) en (26) en

(31) 08/856,333 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04Q 7/00**

(54) ● METHOD FOR ENHANCED CONTROL OF MOBILE CALL DELIVERY

● PROCEDE DE CONTROLE AMELIORE DE L'ETABLISSEMENT D'UNE COMMUNICATION PROVENANT D'UNE STATION MOBILE

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **TALAGERY, Gautam**; 6031 Pineland Drive #313, Dallas, TX 75231 (US).

(74) **MOORE, Stanley, R.** et al. / etc.; Jenkens & Gilchrist, P.C., Suite 3200, 1445 Ross Avenue, Dallas, TX 75202 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/52364** (13) A2

(21) PCT/US98/09727

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

(25) en (26) en

(31) 08/857,684 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04Q 7/00**

(54) ● A METHOD OF MAXIMIZING SPECTRAL EFFICIENCY IN A CELLULAR COMMUNICATIONS SYSTEM

● PROCEDE DE MAXIMISATION DE L'INDICE D'OCCUPATION SPECTRALE D'UN SYSTEME DE COMMUNICATIONS CELLULAIRE

(71) **NEXTEL COMMUNICATIONS, INC.** [US/US]; 1505 Farm Credit Road, McLean, VA 22102 (US).

(72) **SCHWINGHAMMER, Pat**; 3329 E. Bayaud #616, Denver, CO 80209 (US). **WESTALL, Murry**; 15647 Greenstone Circle, Parker, CO 80134 (US). **STEVENS, Randy**; 2172 S. Trenton Way #6-106, Denver, CO 80231 (US). **WESTLAKE, Leonard, L.**; 767 Tenderfoot Drive, Larkspur, CO 80118 (US).

(74) **COCHRAN, David, B.**, et al. / etc.; Jones, Day, Reavis & Pogue, North Point, 901 Lakeside Avenue, Cleveland, OH 44114 (US).

(81) 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 98/52365** (13) A2

(21) PCT/US98/09868

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

(25) en (26) en

(31) 08/856,428 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04Q 7/00**

(54) ● A SUBSCRIBER UNIT AND METHOD FOR USE IN A WIRELESS COMMUNICATION SYSTEM

● UNITE D'ABONNE ET PROCEDE UTILE DANS UN SYSTEME DE TELECOMMUNICATIONS SANS FIL

(71) **QUALCOMM INCORPORATED** [US/US]; 6455 Lusk Boulevard, San Diego, CA 92121 (US).

(72) **ODENWALDER, Joseph, P.**; 14967 Rancho Real, Del Mar, CA 92014 (US).

(74) **OGROD, Gregory, D.** 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).

(11) **WO 98/52366** (13) A2

(21) PCT/US98/10103

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

(25) en (26) en

(31) 08/855,936 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04Q 7/00**

(54) ● METHOD AND APPARATUS FOR DYNAMICALLY ADJUSTING A NUMBER OF GUARD CHANNELS IN A MOBILE COMMUNICATION SYSTEM

● PROCEDE ET APPAREIL D'AJUSTEMENT DYNAMIQUE DE VOIES DE GARDE DANS UN SYSTEME DE COMMUNICATIONS MOBILE

(71) **NORTHERN TELECOM LIMITED** [CA/CA]; World Trade Center of Montreal, 8th floor, 380 St. Antoine Street West, Montreal, Quebec H2Y 3Y4 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YANG, Ping** [US/US]; 3508 Cross Bend Road, Plano, TX 75023 (US). **JIANG, Hua** [CN/US]; 2501 Plentywood Drive, Plano, TX 75025 (US).

(74) **CARR, Gregory, W.**; Carr & Storm, L.L.P., 670 Founders Square, 900 Jackson Street, Dallas, TX 75202 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/52367** (13) A1

(21) PCT/US98/07924

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

(25) en (26) en

(31) 08/856,958 (32) **15 May/mai 1997 (15.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04Q 7/06, 7/08**

(54) ● METHOD AND APPARATUS FOR ROAMING ADDRESS VALIDATION FOR SELECTIVE CALL DEVICES

● METHODES ET APPAREIL CORRESPONDANT PERMETTANT UNE ITINERANCE ET UNE VALIDATION D'ADRESSE POUR DES DISPOSITIFS D'APPELS SELECTIFS

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **DORENBOSCH, Jheroen, Pieter**; Route 1, Box 79F, Paradise, TX 76073 (US).

(74) **BETHARDS, Charles, W.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 5401 North Beach Street, MS/E230, Fort Worth, TX 76137 (US).

(81) BR CN 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 98/52368** (13) A1

(21) PCT/US98/04538

(22) **9 Mar/mar 1998 (09.03.1998)**

(25) en (26) en

(31) 08/857,227 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04Q 7/20, H04M 11/00**

(54) ● TRANSMISSION OF DATA WITHIN A DIGITAL WIRELESS COMMUNICATION SYSTEM

● TRANSMISSION DE DONNEES ANALOGIQUES DANS UN SYSTEME NUMERIQUE DE COMMUNICATION SANS FIL ANALOGIQUE

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **SAMALAM, Ashok, K.**; 1106 New Wilke Road #408, Arlington Heights, IL 60005 (US). **SINGH, Jagdish**; 1501 Meisch Court, Naperville, IL 60563 (US). **EYERMAN, Paul, M.**; 12218 Morningside Court, Poway, CA 92064 (US). **SVEC, Larry, D.**; 520 Greenview Drive, Wauconda, IL 60084 (US). **GOLDSMITH, Eric**; 1470 Mary Drive, Wetherford, TX 76086 (US).

(74) **HAAS, Kenneth, A.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

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

Published / Publiée : (c)

(11) **WO 98/52369** (13) A1

(21) PCT/JP98/02131

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

(25) ja (26) ja

(31) 9/124171 (32) **14 May/mai 1997 (14.05.1997)** (33) JP

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04Q 7/22**

(54) ● WIRELESS TELEPHONE DEVICE AND METHOD FOR ITS CONTROL

● TELEPHONE SANS FILS ET SON PROCEDE DE COMMANDE

(71) **KABUSHIKI KAISHA TOSHIBA** [JP/JP]; 72, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 210-0913 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHINOHARA, Tomoyuki** [JP/JP]; 5-14-3-105, Higashi-Tokorozawa, Tokorozawa-shi, Saitama 359-0021 (JP). **SAWA, Buntaro** [JP/JP]; 8-20-4, Hashimoto, Sagami-hara-shi, Kanagawa 229-1103 (JP). **MOMOTA, Kazuhiro** [JP/JP]; 5-3-12, Saiwaicho, Tachikawa-shi, Tokyo 190-0002 (JP).

(74) **KIMURA, Takahisa**; 6F, Sendai Building, 8-11, Minato 1-chome, Chuo-ku, Tokyo 104-0043 (JP).

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

(11) **WO 98/52370** (13) A1

(21) PCT/US98/09604

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

(25) en (26) en

(31) 08/856,424 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04Q 7/24**

(54) ● METHOD AND APPARATUS FOR ROAMER PORT HLR BARRING

● PROCEDE ET APPAREIL PERMETTANT D'INTERDIRE L'ACCES HORS SECTEUR LOCAL A LA MEMOIRE DES POSITIONS DES UTILISATEURS PERMANENTS

(71) **ERICSSON, INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **TALAGERY, Gautam**; 6031 Pineland Drive #313, Dallas, TX 75231 (US). **VASA, Yojak**; 6629 Barclay Lane, Garland, TX 75044 (US).

(74) **MOORE, Stanley, R.** et al. / etc.; Jenkins & Gilchrist, P.C., Suite 3200, 1445 Ross Avenue, Dallas, TX 75202 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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) 08/857,543 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H04Q 7/32, H04M 1/72**

(54) ● AN ENHANCED RADIO TELEPHONE FOR USE IN INTERNET TELEPHONY

● RADIOTELEPHONE EVOLUE UTILISABLE DANS LE CADRE DE LA TELEPHONIE SUR INTERNET

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).

(72) **DANNE, Anders, Olof**; Kastrupgatan 12, S-164 41 Kista (SE). **BAUNER, John-Olof**; Kastrupgatan 16, S-164 41 Kista (SE).

(74) **ERICSSON MOBILE COMMUNICATIONS AB**; Patent Unit, 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 98/52372** (13) A1
 (21) PCT/EP98/02665
 (22) **6 May/mai 1998 (06.05.1998)**
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 (31) 97107719.3 (32) **12 May/mai 1997 (12.05.1997)** (33) EP
 (34) AT et al. / etc.
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **H04Q 7/36, 7/22**
 (54) ● METHOD AND DEVICE FOR SELECTION OF FREQUENCY REUSAGE IN CELLULAR COMMUNICATION SYSTEMS
 ● PROCEDE ET DISPOSITIF DE SELECTION DE REUTILISATION DE FREQUENCES DANS DES SYSTEMES DE COMMUNICATION CELLULAIRE
 (71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).
 (72) **STAHL, Wolfgang**; Blütenstrasse 25, D-90542 Eckental (DE). **ZIMMERMANN, Gerd**; Blütenstrasse 11, D-90542 Eckental (DE).
 (74) **MOHSLER, Gabriele**; Ericsson Eurolab Deutschland GmbH, Ericsson Allee 1, D-52134 Herzogenrath (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 98/52373** (13) A2
 (21) PCT/FI98/00388
 (22) **6 May/mai 1998 (06.05.1998)**
 (25) en (26) en
 (31) 08/854,270 (32) **9 May/mai 1997 (09.05.1997)** (33) US
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **H04Q 7/36**
 (54) ● A THREE-CELL REUSE PATTERN IN A CELLULAR RADIO NETWORK
 ● DIAGRAMME DE REUTILISATION TRICELLULAIRE DANS UN RESEAU RADIO CELLULAIRE
 (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) **HALONEN, Harri** [FI/FI]; Kerrostie 2 F, FIN-90940 Jäälii (FI). **UOLA, Risto** [FI/FI]; Ruutikatku 10 B 61, FIN-02600 Espoo (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 DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (11) **WO 98/52374** (13) A2
 (21) PCT/FI98/00403
 (22) **12 May/mai 1998 (12.05.1998)**
 (25) en (26) en
 (31) 972026 (32) **13 May/mai 1997 (13.05.1997)** (33) FI
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **H04Q 7/36, G01S 11/06**
 (54) ● ESTIMATING SUBSCRIBER TERMINAL SPEED, SELECTING CELL, AND RADIO SYSTEM
 ● ESTIMATION DE LA VITESSE D'UN TERMINAL D'ABONNE, SELECTION DE CELLULE 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) **SALONAHO, Oscar** [FI/FI]; Oksasenkatu 4 BA 8, FIN-00100 Helsinki (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 (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 98/52375** (13) A2
 (21) PCT/FI98/00408
 (22) **13 May/mai 1998 (13.05.1998)**
 (25) fi (26) en
 (31) 972024 (32) **13 May/mai 1997 (13.05.1997)** (33) FI
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **H04Q 7/36**
 (54) ● HANDOVER METHOD
 ● PROCEDE DE PASSAGE
 (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) **RÄSÄNEN, Markku** [FI/FI]; Ruutikellarinkuja 4 B 22, FIN-02600 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 98/52376** (13) A1
 (21) PCT/EP97/02400
 (22) **9 May/mai 1997 (09.05.1997)**
 (25) en (26) en
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **H04Q 7/38, H04J 3/06, G01S 5/06, H04B 7/26**
 (54) ● A METHOD FOR DETERMINING TIMING DIFFERENCES BETWEEN RADIO TRANSMITTERS AND A RADIO NETWORK INCORPORATING THE SAME
 ● PROCEDE DE DETERMINATION DE DEPHASAGES ENTRE DES EMETTEURS RADIO ET RESEAU RADIO UTILISANT CE PROCEDE
 (71) **NOKIA TELECOMMUNICATIONS OY** [FI/FI]; P.O. Box 300, FIN-00045 Nokia Group (FI). (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **SILVENTOINEN, Marko** [FI/FI]; PSR 9 D, FIN-00053 Helsinki (FI). **RANTALAINEN, Timo** [FI/FI]; Meripuistotie 4 A 7, FIN-00200 Helsinki (FI).
 (74) **PELLMANN, Hans-Bernd**; Tiedtke-Bühling-Kinne et al, Bavaria-ring 4, D-80336 München (DE).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK 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 98/52377** (13) A2
 (21) PCT/FI98/00363
 (22) **24 Apr/avr 1998 (24.04.1998)**
 (25) fi (26) en
 (31) 971790 (32) **25 Apr/avr 1997 (25.04.1997)** (33) FI
 (43) 19 Nov/nov 1998 (19.11.1998)
 (51)⁶ **H04Q 7/38**
 (54) ● METHOD FOR CHANNEL ALLOCATION
 ● PROCEDE D'ATTRIBUTION DE VOIES
 (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) **SAARIO, Eija** [FI/FI]; Kloorantie 1 A 1, FIN-00200 Helsinki (FI). **SALONAHO, Oscar** [FI/FI]; Oksasenkatu 4bA 8, FIN-00100 Helsinki (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 98/52378** (13) A2
(21) PCT/FI98/00411
(22) **13 May/mai 1998 (13.05.1998)**
(25) en (26) en
(31) 972070 (32) **14 May/mai 1997 (14.05.1997)** (33) FI
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H04Q 7/38**
(54) ● METHOD OF ESTIMATING THE NEED OF CAPACITY FOR DIFFERENT PARTS OF A CELLULAR RADIO SYSTEM
● PROCEDE POUR ESTIMER LES BESOINS EN CAPACITE DES DIFFERENTES PARTIES D'UN SYSTEME DE RADIOTELEPHONIE CELLULAIRE
- (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) **SUOJASTO, Marko** [FI/FI]; Keväntiitynkujia 10 B 8, FIN-36110 Ruutana (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 (Utility model / modèle d'utilité) DK DE (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES 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 98/52379** (13) A1
(21) PCT/SE98/00803
(22) **30 Apr/avr 1998 (30.04.1998)**
(25) en (26) en
(31) 9701845-1 (32) **16 May/mai 1997 (16.05.1997)** (33) SE
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H04Q 7/38**
(54) ● INTEGRITY PROTECTION IN A TELECOMMUNICATIONS SYSTEM
● PROTECTION DE L'INTEGRITE DANS UN SYSTEME DE TELECOMMUNICATIONS
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 26 Stockholm (SE).
(72) **JOHANSSON, Jörgen**; V:a Vittusgatan 10, S-371 34 Karlskrona (SE). **LUNDIN, Magnus**; Högalmsvägen 8, S-371 38 Karlskrona (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).
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- (11) **WO 98/52380** (13) A1
(21) PCT/SE98/00849
(22) **8 May/mai 1998 (08.05.1998)**
(25) en (26) en
(31) 08/856,332 (32) **14 May/mai 1997 (14.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H04Q 11/04, H04L 12/64**
(54) ● METHOD AND APPARATUS FOR FORMATTING SYNCHRONOUS AND ASYNCHRONOUS DATA
● PROCEDE ET DISPOSITIF DE FORMATAGE DE DONNEES SYNCHRONES OU ASYNCHRONES
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).
(72) **KELLER, Ralf**; Starenweg 50, D-52146 Wirselen (DE). **KHUN JUSH, Jamshid**; Maxfeldstrasse 37, D-90409 Nuremberg (DE). **KOCH, Wolfgang**; Simmelberger Weg 29A, D-90562 Heroldsberg (DE). **NIEBERT, Norbert**; Steppenbergerweg 83, D-52074 Aachen (DE). **BAUTZ, Gregor**; Aprikosgatan 36, 5trp, S-165 60 Hässelby (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).
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- (11) **WO 98/52381** (13) A2
(21) PCT/GB98/01362
(22) **13 May/mai 1998 (13.05.1998)**
(25) en (26) en
(31) 9709959.2 (32) **15 May/mai 1997 (15.05.1997)** (33) GB
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H04R 1/00**
(54) ● PANEL-FORM LOUDSPEAKERS
● HAUT-PARLEUR A PANNEAUX
- (71) **NEW TRANSDUCERS LIMITED** [GB/GB]; Stonehill, Huntingdon, Cambridgeshire PE18 6E (GB). (for all designated States except / pour tous les États désignés sauf US)
(72, 75) **AZIMA, Henry** [CA/GB]; 3 Southacre Close, Chaucer Road, Cambridge CB2 2TT (GB). **EL-LIS, Christien** [GB/GB]; Briar Cottage, 3 Barley Road, Great Chishill, Hertfordshire SG8 8SB (GB). **HARRIS, Neil** [GB/GB]; 9 Davey Crescent, Great Shelford, Cambridge CB2 5JF (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; EP (CY).
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- (11) **WO 98/52382** (13) A1
(21) PCT/GB98/01407
(22) **15 May/mai 1998 (15.05.1998)**
(25) en (26) en
(31) 9709848.7 (32) **15 May/mai 1997 (15.05.1997)** (33) GB
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H04R 5/027**
(54) ● IMPROVED ARTIFICIAL EAR AND AUDITORY CANAL SYSTEM AND MEANS OF MANUFACTURING THE SAME
● ORELLE ARTIFICIELLE AMELIOREE ET SYSTEME DE CANAL AUDITIF ET SON PROCEDE DE FABRICATION
- (71) **CENTRAL RESEARCH LABORATORIES LIMITED** [GB/GB]; Dawley Road, Hayes, Middlesex UB3 1HH (GB). (for all designated States except / pour tous les États désignés sauf US)
(72, 75) **SIBBALD, Alastair** [GB/GB]; 18 Horseguards Drive, Maidenhead, Berkshire SL6 1XL (GB). **WARNER, Derek, George** [GB/GB]; 64 Medway Drive, Greenford, Middlesex UB6 8LW (GB).
(74) **LEAMAN, Keith**; QED I.P. Services Limited, Dawley Road, Hayes, Middlesex UB3 1HH (GB).
(81) CA JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/52383** (13) A1
(21) PCT/GB98/01316
(22) **6 May/mai 1998 (06.05.1998)**
(25) en (26) en
(31) 9709438.7 (32) **10 May/mai 1997 (10.05.1997)** (33) GB
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H04R 9/06, 9/04**
(54) ● VIBRATION TRANSDUCERS FOR RESONANT PANEL-FORM LOUDSPEAKER AND LOUDSPEAKER WITH THE SAME
● TRANSDUCTEUR DE VIBRATIONS POUR HAUT-PARLEUR RESONANT EN FORME DE PANNEAU, ET HAUT-PARLEUR EQUIPE DUDIT TRANSDUCTEUR
- (71) **NEW TRANSDUCERS LIMITED** [GB/GB]; Stonehill, Huntingdon, Cambridgeshire PE18 6ED (GB). (for all designated States except / pour tous les États désignés sauf US)
(72, 75) **MORECROFT, Denis** [GB/GB]; 18 Dartmoor Drive, Huntingdon, Cambridgeshire PE18 8XT (GB). **HARRIS, Neil** [GB/GB]; 9 Davey Crescent, Great Shelford, Cambridge CB2 5JF (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; EP (CY).
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- (11) **WO 98/52384** (13) A2
(21) PCT/US98/09743
(22) **12 May/mai 1998 (12.05.1998)**
(25) en (26) en
(31) 08/857,712 (32) **16 May/mai 1997 (16.05.1997)** (33) US

- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **H05B**
- (54) ● FLEXIBLE LIGHTING ELEMENT CIRCUIT AND METHOD OF MANUFACTURING THE SAME
- CIRCUIT D'ELEMENT D'ECLAIRAGE FLEXIBLE ET SON PROCEDE DE FABRICATION
- (71) **NORTHEAST ROBOTICS LLC** [US/US]; 15 Twin Bridge Road, Weare, NH 03281 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WHITE, Timothy, P.** [US/US]; 146 Lull Road, New Boston, NH 03070 (US). **MESSINA, Michael, C.** [US/US]; Apartment 12, 42 Maple Avenue, Goffstown, NH 03045 (US).
- (74) **BUJOLD, Michael, J.** et al. / etc.; Davis and Bujold, 4th floor, 500 North Commercial Street, Manchester, NH 03101 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/52385** (13) A1
- (21) PCT/GB98/01290
- (22) **1 May/mai 1998 (01.05.1998)**
- (25) en (26) en
- (31) 9709557.4 (32) **13 May/mai 1997 (13.05.1997)** (33) GB
- (31) 9725737.2 (32) **3 Dec/déc 1997 (03.12.1997)** (33) GB
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **H05B 6/02, 6/36**
- (54) ● INDUCTION HEATING DEVICE FOR METAL PIECES
- DISPOSITIF DE CHAUFFAGE PAR INDUCTION POUR PIÈCES MÉTALLIQUES
- (71) **COREFLUX SYSTEMS INTERNATIONAL LIMITED** [GB/GB]; Unit 3A, Stadium Close, Dukeries Industrial Estate, Claylands Avenue, Worksop, Nottinghamshire S81 7DJ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ANDERSON, Walter, James** [GB/GB]; 5 The Hollows, Auckley, Doncaster, South Yorkshire DN9 3LB (GB). **HIGGINS, Barrie** [GB/GB]; 29 Kepple Close, Rossington, Doncaster, South Yorkshire DN11 0XE (GB). **SPENCER, Paul, John** [GB/GB]; 6 Chapel Rise, Worthington, Nr. Ashby-de-la-Zouch, Leicestershire LE65 1RX (GB). **POWELL, Brian, Kenneth** [GB/GB]; Sunnyside Cottage, St. Johns Road, Laughton-en-le-Morthen, Dimmington, Sheffield S25 1YL (GB). **BROWNING, Philip, Anthony** [GB/GB]; 13 Sylvan Grove, Bamber Bridge, Preston PR6 6YU (GB).
- (74) **LOVEN, Keith, James**; Loven and 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).
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- (11) **WO 98/52386** (13) A1
- (21) PCT/US98/09482
- (22) **8 May/mai 1998 (08.05.1998)**
- (25) en (26) en
- (31) 08/854,353 (32) **12 May/mai 1997 (12.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **H05B 37/00, G02B 26/00**
- (54) ● ELECTRONICALLY CONTROLLED STAGE LIGHTING SYSTEM
- ECLAIRAGE DE SCÈNE À COMMANDE ÉLECTRONIQUE
- (63) US 08/854,353 (CON)
12 May/mai 1997 (12.05.1997)
- (71) **LIGHT & SOUND DESIGN, LTD.** [GB/GB]; 201 Coventry Road, Birmingham B10 0RA (GB).
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- (72, 75) **HEWLETT, William** [US/GB]; Light & Sound Design, Ltd., 210 Coventry Road, Birmingham B10 0RA (GB). **CLARKE, Ian** [GB/GB]; Light & Sound Design, Ltd., 210 Coventry Road, Birmingham B10 0RA (GB). **EVANS, Nigel** [GB/GB]; Light & Sound Design, Ltd., 210 Coventry Road, Birmingham B10 0RA (GB). **PARKER, Richard** [GB/GB]; Light & Sound Design, Ltd., 210 Coventry Road, Birmingham B10 0RA (GB). **HUNT, Mark, A.** [GB/GB]; Light & Sound Design, Ltd., 210 Coventry Road, Birmingham B10 0RA (GB). **HUGHES, Michael** [GB/GB]; Light & Sound Design, Ltd., 210 Coventry Road, Birmingham B10 0RA (GB).
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- (11) **WO 98/52387** (13) A1
- (21) PCT/JP98/01203
- (22) **19 Mar/mar 1998 (19.03.1998)**
- (25) ja (26) ja
- (31) 9/126143 (32) **16 May/mai 1997 (16.05.1997)** (33) JP
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **H05C 1/04**
- (54) ● ELECTRIC SCREEN DEVICE
- ÉCRAN ÉLECTRIQUE
- (71) **HITACHI ZOSEN CORPORATION** [JP/JP]; 7-89, Nanko-kita 1-chome, Suminoe-ku, Osaka 559-0034 (JP).
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- (72, 75) **MAEHATA, Hidehiko** [JP/JP]; Hitachi Zosen Corporation, 7-89, Nanko-kita 1-chome, Suminoe-ku, Osaka 559-0034 (JP). **TSUKAHARA, Masanori** [JP/JP]; Hitachi Zosen Corporation, 7-89, Nanko-kita 1-chome, Suminoe-ku, Osaka 559-0034 (JP). **TAMAKOSHI, Daisuke** [JP/JP]; Hitachi Zosen Corporation, 7-89, Nanko-kita 1-chome, Suminoe-ku, Osaka 559-0034 (JP). **SUZAKI, Tomohiko** [JP/JP]; Hitachi Zosen Corporation, 7-89, Nanko-kita 1-chome, Suminoe-ku, Osaka 559-0034 (JP). **ISAWA, Yutaka** [JP/JP]; Hitachi Zosen Corporation, 7-89, Nanko-kita 1-chome, Suminoe-ku, Osaka 559-0034 (JP).
- (74) **MORIMOTO, Yoshihiro**; All Nippon Airways (Nishi-Hommachi) Building, 4th floor, 10-10, Nishi-Hommachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0005 (JP).
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- (22) **1 May/mai 1998 (01.05.1998)**
- (25) ja (26) ja
- (31) 9/119102 (32) **9 May/mai 1997 (09.05.1997)** (33) JP
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **H05G 1/30**
- (54) ● X-RAY CONTROL METHOD AND X-RAY DEVICE
- PROCEDE DE COMMANDE DE RAYONS X ET DISPOSITIF À RAYONS X
- (71) **HITACHI MEDICAL CORPORATION** [JP/JP]; 1-14, Uchikanda 1-chome, Chiyoda-ku, Tokyo 101-0047 (JP).
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- (72, 75) **UEKI, Hironori** [JP/JP]; Chuo Kenkyusho, Hitachi, Ltd., 280, Higashikoigakubo 1-chome, Kokubunji-shi, Tokyo 185-8601 (JP). **UEDA, Ken** [JP/JP]; Chuo Kenkyusho, Hitachi, Ltd., 280, Higashikoigakubo 1-chome, Kokubunji-shi, Tokyo 185-8601 (JP). **KUBA, Akira** [JP/JP]; Hitachi Medical Corporation, 1-14, Uchikanda 1-chome, Chiyoda-ku, Tokyo 101-0047 (JP).
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- (11) **WO 98/52389** (13) A1
- (21) PCT/US98/05371
- (22) **18 Mar/mar 1998 (18.03.1998)**
- (25) en (26) en
- (31) 08/854,507 (32) **12 May/mai 1997 (12.05.1997)** (33) US
- (43) 19 Nov/nov 1998 (19.11.1998)
- (51)⁶ **H05G 2/00**
- (54) ● PLASMA FOCUS HIGH ENERGY PHOTON SOURCE
- SOURCE DE PROTONS À HAUTE ÉNERGIE FOYER DE PLASMA
- (71) **CYMER, INC.** [US/US]; 16750 Via Del Campo Court, San Diego, CA 92127-1712 (US).
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- (72, 75) **PARTLO, William, Norman** [US/US]; 12055 Alta Carmel Court No. 176, San Diego, CA 92128 (US).
- (74) **ROSS, John, R.**; Cymer, Inc., Legal Dept., 16750 Via Del Campo Court, MS 1-2A, San Diego, CA 92127-1712 (US).

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(11) **WO 98/52390** (13) A1

(21) PCT/US97/08121

(22) **14 May/mai 1997 (14.05.1997)**

(25) en (26) en

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H05H 1/02, 1/10, 1/24, C23C 14/00, 16/00**

(54) ● METHOD AND APPARATUS FOR A LARGE VOLUME PLASMA PROCESSOR THAT CAN UTILIZE ANY FEEDSTOCK MATERIAL

● PROCEDE ET DISPOSITIF POUR MODULE DE TRAITEMENT AU PLASMA EN GRANDE QUANTITE POUVANT UTILISER TOUTE MATIERE PREMIERE D'ALIMENTATION

(71, 72) **EASTLUND, Bernard, John** [US/US]; 6615 Chancellor Drive, Spring, TX 77379 (US).

(74) **MIMS, Peter, E.**; Vinson & Elkins L.L.P., 2300 First City Tower, 1001 Fannin, Houston, TX 77002 (US).

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(11) **WO 98/52391** (13) A1

(21) PCT/US98/10044

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

(25) en (26) en

(31) 08/858,021 (32) **16 May/mai 1997 (16.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H05K 3/00, C09J 7/02**

(54) ● METHODS OF FIXTURING FLEXIBLE CIRCUIT SUBSTRATES AND A PROCESSING CARRIER, AND PROCESSING A FLEXIBLE CIRCUIT

● PROCESSES PERMETTANT DE FIXER DES SUBSTRATS DE CIRCUIT SOUPLE ET SUPPORT DE TRAITEMENT, AINSI QUE TRAITEMENT D'UN CIRCUIT SOUPLE

(71) **MICRON COMMUNICATIONS, INC.** [US/US]; 8000 South Federal Way, Boise, ID 83706-9632 (US).

(72) **LAKE, Rickie, C.**; 338 Pebble Beach Court, Eagle, ID 83616 (US). **TUTTLE, Mark, E.**; 1998 Table Rock Road, Boise, ID 83712 (US). **MOUSSEAU, Joseph, P.**; 5244 Chaps Place, Boise, ID 83709 (US). **CIRINO, Clay, L.**; 11374 Tioga Street, Boise, ID 83704 (US).

(74) **SHAURETTE, James, D.** et al. / etc.; Wells, St. John, Roberts, Gregory & Matkin, P.S., W. 601 First Avenue #1300, Spokane, WA 99201-3817 (US).

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(11) **WO 98/52392** (13) A1

(21) PCT/US98/09355

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

(25) en (26) en

(31) P 9701051 (32) **16 May/mai 1997 (16.05.1997)** (33) WO

(34) ES et al. / etc.

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H05K 3/34, H01R 9/09, 4/02**

(54) ● AN INTERCONNECTION SYSTEM AND PIN FOR DOUBLE FACED PRINTED CIRCUITS BY DOUBLE PROCESS, WAVE AND REFUSION

● SYSTEME D'INTERCONNEXION ET BROCHE POUR CIRCUITS IMPRIMES DOUBLE FACE PAR DOUBLE PROCEDE DE SOUDAGE PAR ONDES ET PAR REFORTE

(71) **UT AUTOMOTIVE DEARBORN, INC.** [US/US]; 5200 Auto Club Drive, Dearborn, MI 48126 (US).

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(72, 75) **MARTORELL, Josep Maria Avila** [ES/ES]; Calle Valencia, 527-4D, E-08013 Barcelona (ES).

(74) **GASKEY, David, J.** et al. / etc.; Howard & Howard Attorneys, P.C., Suite 101, 1400 North Woodward Avenue, Bloomfield Hills, MI 48304 (US).

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(11) **WO 98/52393** (13) A1

(21) PCT/US98/09221

(22) **6 May/mai 1998 (06.05.1998)**

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(31) 08/854,523 (32) **12 May/mai 1997 (12.05.1997)** (33) US

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H05K 3/36**

(54) ● SURFACE MOUNT POWER SUPPLY DEVICE

● COMPOSANT D'ALIMENTATION EN COURANT MONTE EN SURFACE

(71) **LAMBDA ELECTRONICS INC.** [US/US]; 515 Broad Hollow Road, Melville, NY 11747-3700 (US).

(72) **BRUNE, Peter, T.**; 1247 Longfellow Road, Vista, CA 92083 (US).

(74) **RICHTER, Kurt, E.** et al. / etc.; Morgan & Finnegan, L.L.P., 345 Park Avenue, New York, NY 10154 (US).

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(11) **WO 98/52394** (13) A1

(21) PCT/EP98/02844

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

(25) de (26) de

(31) 197 19 942.9 (32) **13 May/mai 1997 (13.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H05K 5/00, B60R 16/02, H05K 7/14**

(54) ● HOUSING FOR AN ELECTRONIC OR ELECTRIC CIRCUIT

● BOITIER POUR CIRCUIT ELECTRONIQUE OU ELECTRIQUE

(71) **GRÜNDL UND HOFFMANN GMBH GESELLSCHAFT FÜR ELEKTROTECHNISCHE ENTWICKLUNGEN** [DE/DE]; Gautinger Strasse 6, D-82319 Starnberg (DE).

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(72, 75) **GRÜNDL, Andreas** [DE/DE]; Haseneystrasse 20, D-81377 München (DE). **HOFFMANN, Bernhard** [DE/DE]; Jakob-Tresch-Strasse 9, D-82319 Starnberg (DE).

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(31) 297 08 461.5 (32) **13 May/mai 1997 (13.05.1997)** (33) DE

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H05K 7/10, 3/36**

(54) ● BASE FOR ELECTRONIC COMPONENTS

● SOCLE POUR COMPOSANTS ELECTRONIQUES

(71) **SORCUS COMPUTER GMBH** [DE/DE]; Im Breitenspiel 11, D-69126 Heidelberg (DE).

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(72, 75) **BRINKHUS, Hartmut, B.** [DE/DE]; Berghalde 54, D-69126 Heidelberg (DE).

(74) **VON BÜLOW, Tam, A.**; Mailänder Strasse 13, D-81545 München (DE).

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(31) 97/06012 (32) **12 May/mai 1997 (12.05.1997)** (33) FR

(43) 19 Nov/nov 1998 (19.11.1998)

(51)⁶ **H05K 7/20, H01L 23/473**

(54) ● HEAT EXCHANGER FOR ELECTRONIC COMPONENTS AND ELECTROTECHNICAL INSTALLATION

● ECHANGEUR DE CHALEUR POUR COMPOSANTS ELECTRONIQUES ET APPAREILLAGES ELECTROTECHNIQUES

(71) **FERRAZ** [FR/FR]; 28, rue Saint Philippe, F-69003 Lyon (FR).

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- (72, 75) **CHEVALLET, Jean-Luc** [FR/FR]; 17, desserte Bougainville, F-38080 L'Île d'Abeau (FR). **JULIEN, Jean-Noël** [FR/FR]; 41 A, avenue de Farciennes, F-30300 Beaucaire (FR). **BONHOMME, Christian** [FR/FR]; Rue Neuve, F-69720 Saint Bonnet de Mure (FR).
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(21) PCT/US98/07875
(22) **16 Apr/avr 1998 (16.04.1998)**
(25) en (26) en
(31) 08/857,710 (32) **15 May/mai 1997 (15.05.1997)** (33) US
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H05K 7/20**
(54) ● A FLAT FAN HEAT EXCHANGER
● ECHANGEUR THERMIQUE A VENTILATEUR PLAT
(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95054 (US).
(72) **BHATIA, Rakesh**; 3225 Delta Road, San Jose, CA 95135 (US).
(74) **TAYLOR, Edwin, H.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
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- (11) **WO 98/52398** (13) A1
(21) PCT/SE98/00848
(22) **8 May/mai 1998 (08.05.1998)**
(25) en (26) en
(31) 9701840-2 (32) **16 May/mai 1997 (16.05.1997)** (33) SE
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H05K 9/00**
(54) ● A PLUG-IN PANEL FOR CIRCUIT BOARDS
● TIROIR ENFICHABLE DESTINE A DES CARTES IMPRIMEES
(71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).
(72) **LINDSTRÖM, Anders**; Pionvägen 11B, S-191 47 Sollentuna (SE). **CREUTZ, Lars**; Tumultgränd 82, S-162 47 Vällingby (SE).
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(22) **15 May/mai 1998 (15.05.1998)**
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(31) 9/126572 (32) **16 May/mai 1997 (16.05.1997)** (33) JP
(31) 9/149597 (32) **6 Jun/juin 1997 (06.06.1997)** (33) JP
(31) 9/274155 (32) **7 Oct/oct 1997 (07.10.1997)** (33) JP
(31) 9/278545 (32) **13 Oct/oct 1997 (13.10.1997)** (33) JP
(31) 9/278546 (32) **13 Oct/oct 1997 (13.10.1997)** (33) JP
(43) 19 Nov/nov 1998 (19.11.1998)
(51)⁶ **H05K 13/02**
(54) ● APPARATUS AND METHOD FOR MOUNTING ELECTRONIC PARTS
● DISPOSITIF ET PROCEDURE SERVANT A MONTER DES COMPOSANTS ELECTRONIQUES
(71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
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